

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031406.D
 Acq On : 16 Sep 2022 13:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 02:03:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	60027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	90301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59367	40.293	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.580%			
35) Dibromofluoromethane	5.385	113	48995	50.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	189618	52.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.160%			
62) 4-Bromofluorobenzene	11.079	95	69829	52.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28732	44.330	ug/l	98
3) Chloromethane	1.288	50	41520	46.622	ug/l	99
4) Vinyl Chloride	1.374	62	51181	48.800	ug/l	95
5) Bromomethane	1.611	94	78854	100.257	ug/l	98
6) Chloroethane	1.685	64	63784	76.619	ug/l	99
7) Trichlorofluoromethane	1.886	101	126241	65.663	ug/l	100
8) Diethyl Ether	2.136	74	44857	58.180	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	44544	48.996	ug/l	93
10) Methyl Iodide	2.453	142	44673	46.125	ug/l	98
11) Tert butyl alcohol	3.001	59	62378m	195.363	ug/l	
12) 1,1-Dichloroethene	2.319	96	39829	47.524	ug/l	92
13) Acrolein	2.239	56	25846	152.012	ug/l	97
14) Allyl chloride	2.660	41	67894	36.671	ug/l	94
15) Acrylonitrile	3.068	53	134124	197.369	ug/l	100
16) Acetone	2.386	43	120384	191.391	ug/l	95
17) Carbon Disulfide	2.508	76	92314	46.101	ug/l	99
18) Methyl Acetate	2.703	43	70019	37.540	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	161477	41.607	ug/l	98
20) Methylene Chloride	2.788	84	47798	48.379	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	46723	49.595	ug/l	94
22) Diisopropyl ether	3.763	45	159530	41.177	ug/l	97
23) Vinyl Acetate	3.721	43	701847	217.981	ug/l	98
24) 1,1-Dichloroethane	3.611	63	85506	42.054	ug/l	99
25) 2-Butanone	4.562	43	198615	191.437	ug/l	98
26) 2,2-Dichloropropane	4.477	77	80770	41.871	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	57292	46.411	ug/l	93
28) Bromochloromethane	4.897	49	39840	42.038	ug/l	95
29) Tetrahydrofuran	5.007	42	125367	195.079	ug/l	96
30) Chloroform	5.099	83	97194	45.142	ug/l	100
31) Cyclohexane	5.470	56	72806	45.994	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	86433	44.802	ug/l	99
36) 1,1-Dichloropropene	5.690	75	68280	51.393	ug/l	99
37) Ethyl Acetate	4.714	43	76423	43.772	ug/l	99
38) Carbon Tetrachloride	5.678	117	76325	52.850	ug/l	99
39) Methylcyclohexane	7.379	83	79361	54.240	ug/l	94
40) Benzene	6.037	78	201298	52.762	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	41199	43.559	ug/l	96
42) 1,2-Dichloroethane	6.086	62	78532	51.031	ug/l	99
43) Isopropyl Acetate	6.342	43	130978	43.949	ug/l	99
44) Trichloroethene	7.129	130	55842	57.408	ug/l	87
45) 1,2-Dichloropropane	7.427	63	52015	49.801	ug/l	95
46) Dibromomethane	7.580	93	39652	53.532	ug/l	94
47) Bromodichloromethane	7.824	83	77157	50.082	ug/l	96
48) Methyl methacrylate	7.696	41	58192	42.893	ug/l	92
49) 1,4-Dioxane	7.683	88	25124	923.422	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	424490	234.332	ug/l	99
52) Toluene	8.720	92	136751	56.664	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86240	49.742	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87249	48.970	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	56867	53.378	ug/l	99
56) Ethyl methacrylate	9.116	69	86428	50.114	ug/l	96
57) 1,3-Dichloropropane	9.311	76	93154	50.887	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	204122	254.024	ug/l	97
59) 2-Hexanone	9.433	43	327906	237.169	ug/l	100
60) Dibromochloromethane	9.525	129	62300	54.242	ug/l	98
61) 1,2-Dibromoethane	9.610	107	60625	55.458	ug/l	98
64) Tetrachloroethene	9.275	164	53683	56.420	ug/l	97
65) Chlorobenzene	10.079	112	150155	54.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57284	52.751	ug/l	99
67) Ethyl Benzene	10.195	91	271152	54.315	ug/l	99
68) m/p-Xylenes	10.305	106	216935	114.442	ug/l	100
69) o-Xylene	10.640	106	103907	53.968	ug/l	100
70) Styrene	10.659	104	176846	56.485	ug/l	99
71) Bromoform	10.799	173	46356	53.621	ug/l #	100
73) Isopropylbenzene	10.963	105	282469	45.370	ug/l	99
74) N-amyl acetate	10.841	43	119586	38.637	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	92648	41.408	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	85025m	40.027	ug/l	
77) Bromobenzene	11.201	156	67086	47.258	ug/l	96
78) n-propylbenzene	11.305	91	333842	45.691	ug/l	100
79) 2-Chlorotoluene	11.366	91	193178	43.210	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	260634	49.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29016	37.797	ug/l	95
82) 4-Chlorotoluene	11.457	91	249657	48.719	ug/l	100
83) tert-Butylbenzene	11.713	119	250770	48.052	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	256644	49.504	ug/l	100
85) sec-Butylbenzene	11.890	105	325693	49.840	ug/l	99
86) p-Isopropyltoluene	12.012	119	283908	53.315	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	137969	50.978	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	151963	54.630	ug/l	98
89) n-Butylbenzene	12.335	91	245328	51.953	ug/l	99
90) Hexachloroethane	12.542	117	46180	43.425	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	142851	51.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20122	38.783	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	79238	53.106	ug/l	98
94) Hexachlorobutadiene	13.725	225	28944	49.695	ug/l	99
95) Naphthalene	13.774	128	285202	47.047	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81132	50.777	ug/l	97

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ClientSampleId :
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QLast Update : Thu Sep 15 01:50:07 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

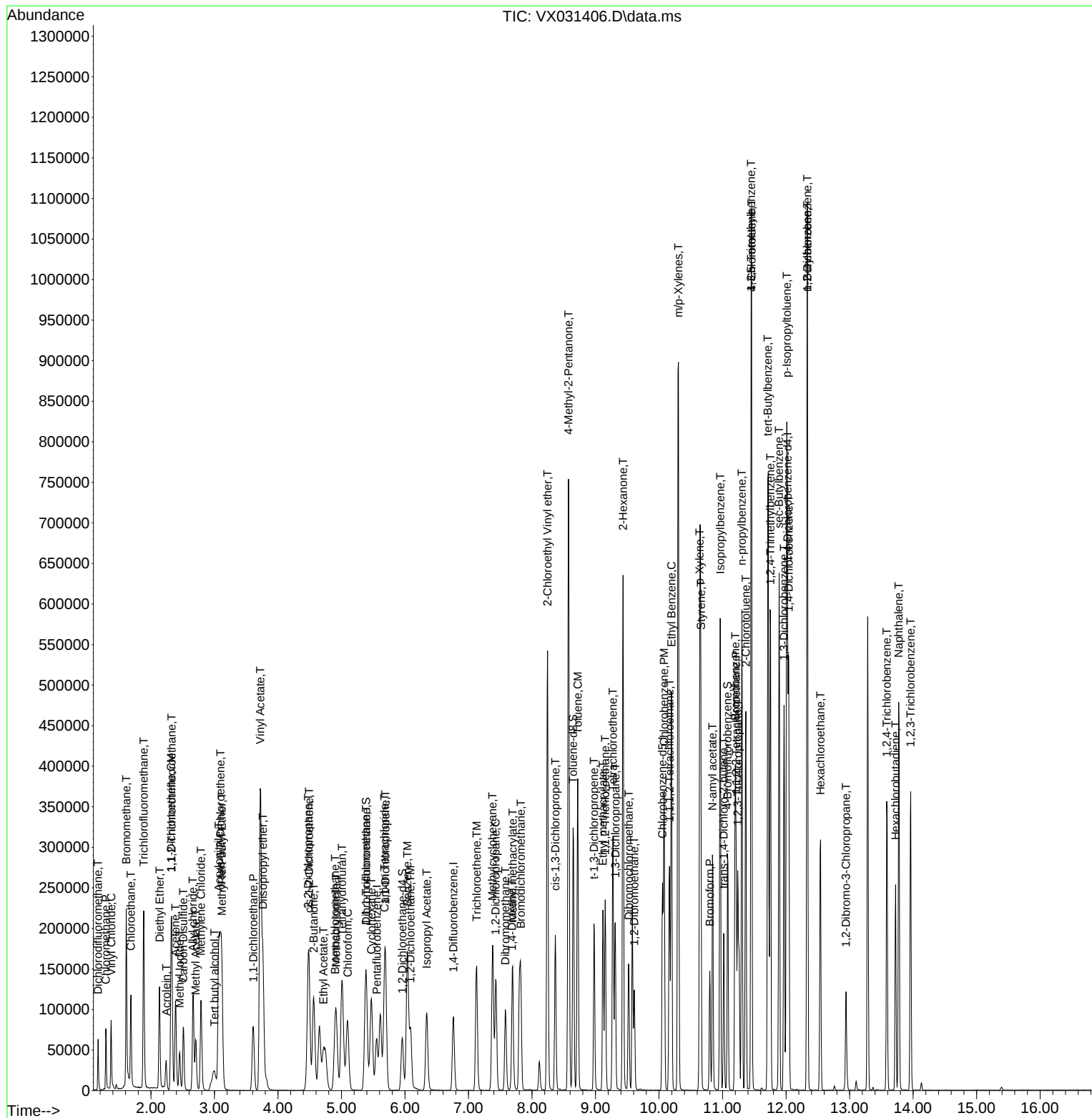
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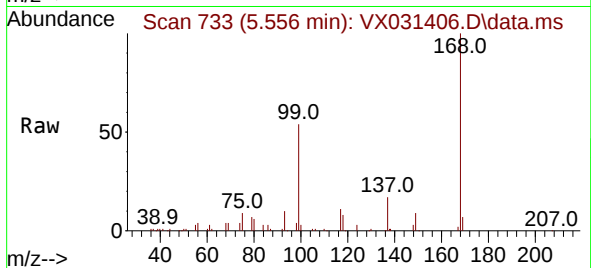
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031406.D
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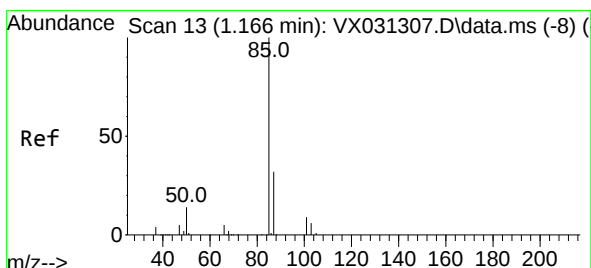
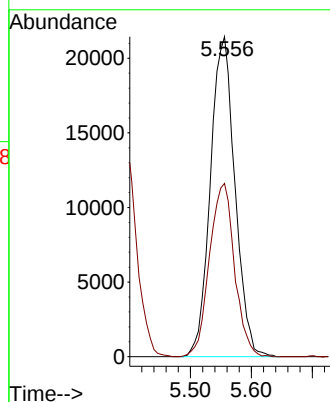
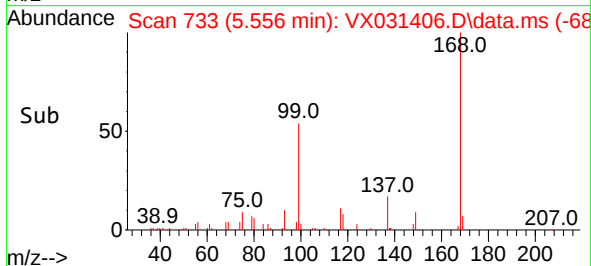
Instrument :
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Tgt Ion:168 Resp: 6002
Ion Ratio Lower Upper
168 100
99 54.1 48.8 73.2

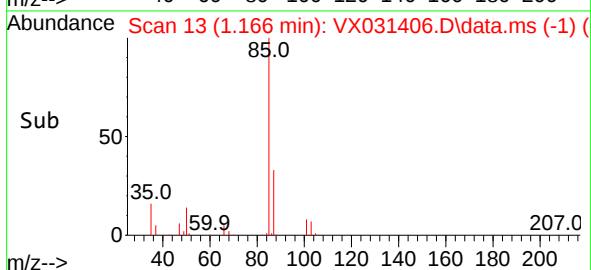
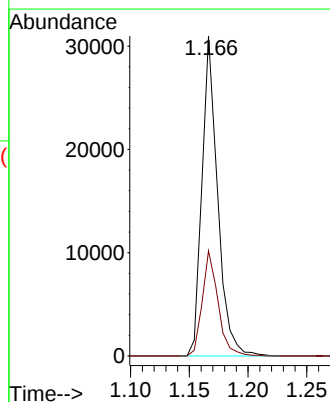
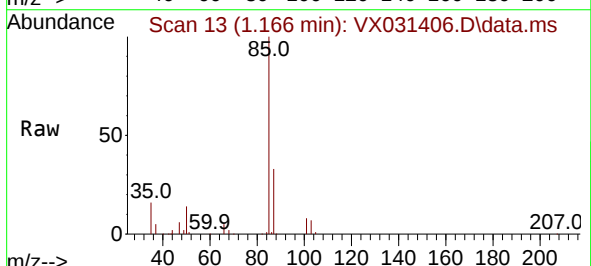
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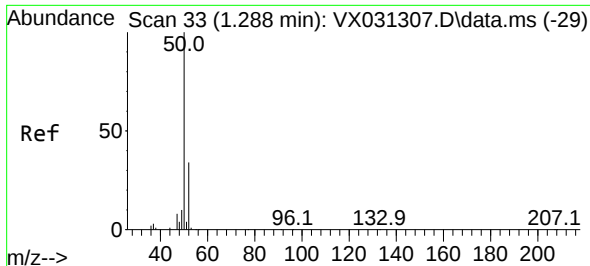
Reviewed By :John Carlone 09/17/2022
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#2
Dichlorodifluoromethane
Concen: 44.330 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

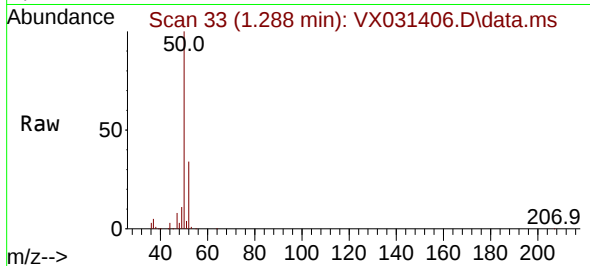
Tgt Ion: 85 Resp: 28732
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 46.622 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

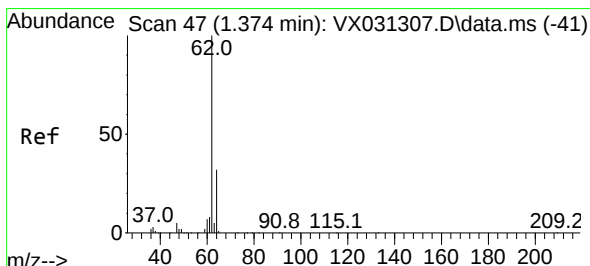
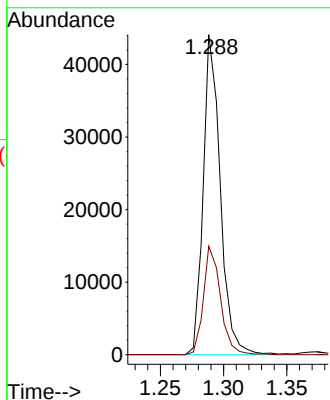
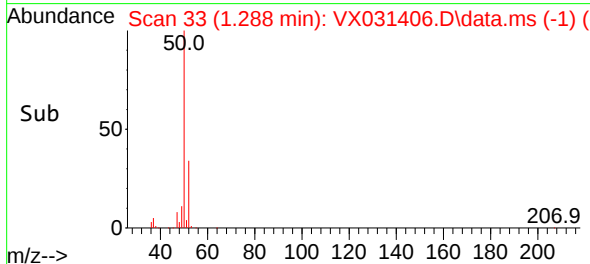
Instrument :
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ClientSampleId :
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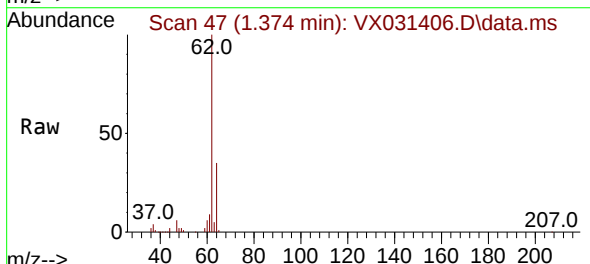
Tgt Ion: 50 Resp: 41520
Ion Ratio Lower Upper
50 100
52 33.9 26.9 40.3

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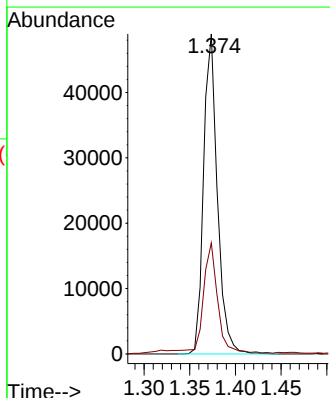
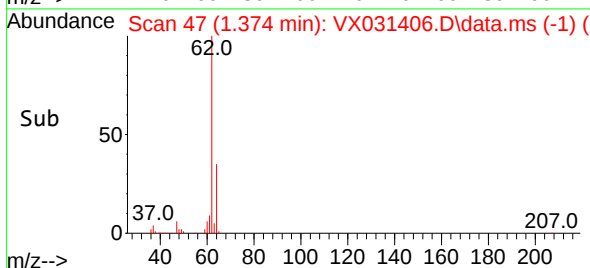
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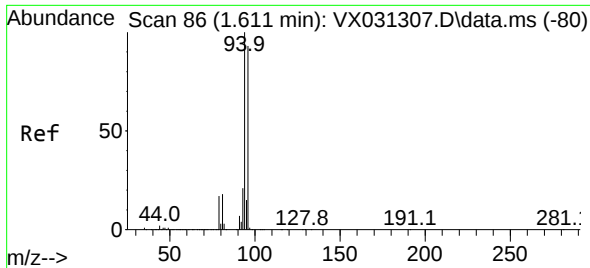


#4
Vinyl Chloride
Concen: 48.800 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



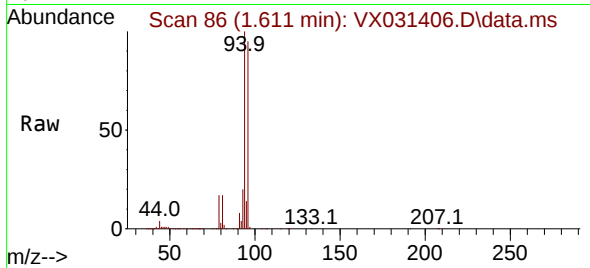
Tgt Ion: 62 Resp: 51181
Ion Ratio Lower Upper
62 100
64 34.2 25.3 37.9





#5
Bromomethane
Concen: 100.257 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

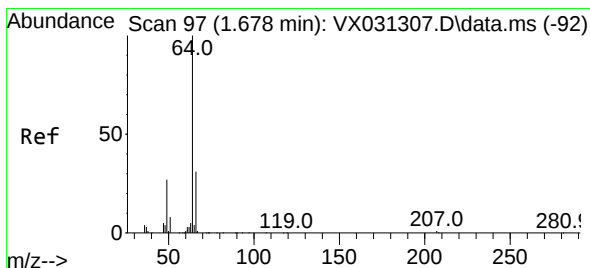
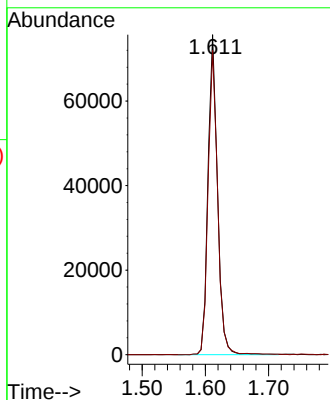
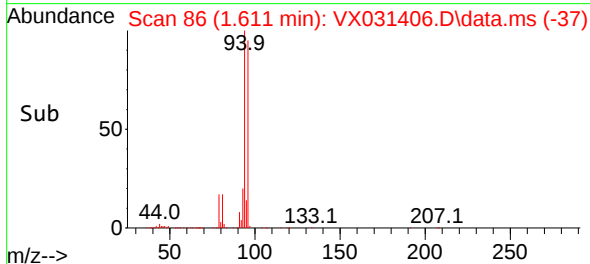
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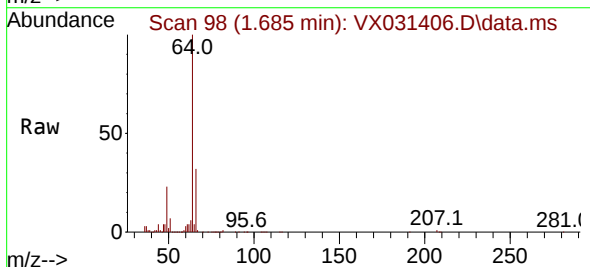
Tgt Ion: 94 Resp: 78854
Ion Ratio Lower Upper
94 100
96 95.0 74.4 111.6

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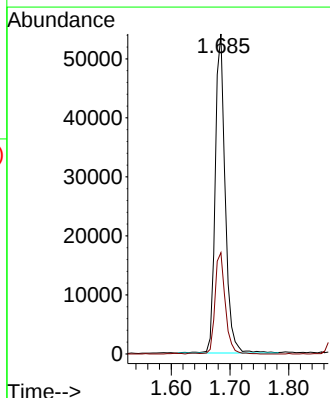
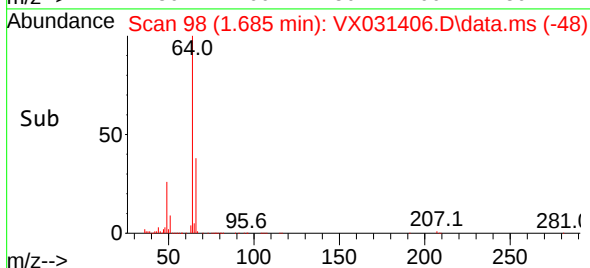
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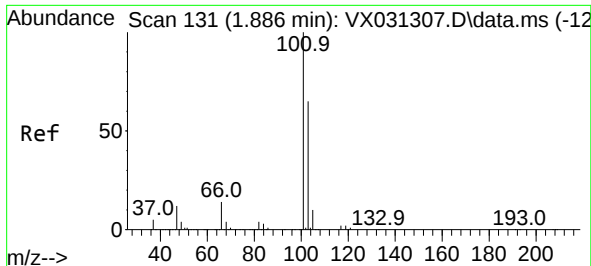


#6
Chloroethane
Concen: 76.619 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion: 64 Resp: 63784
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.4





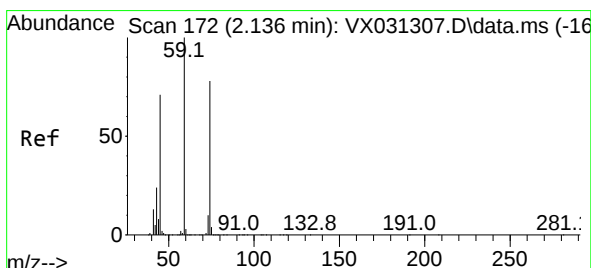
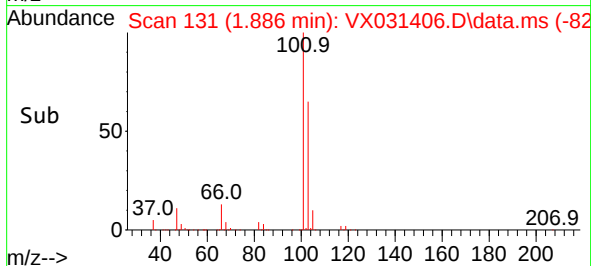
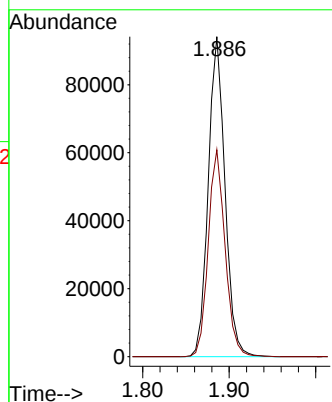
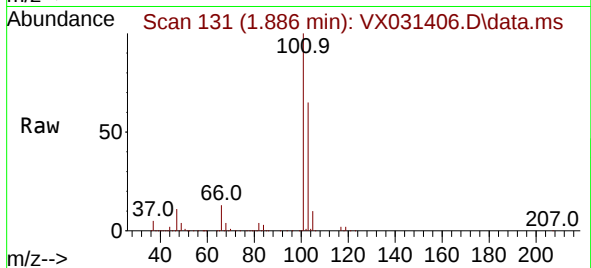
#7
Trichlorofluoromethane
Concen: 65.663 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12624
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

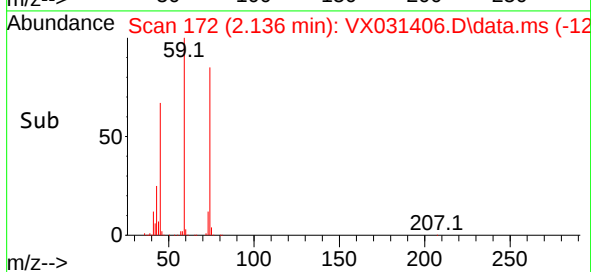
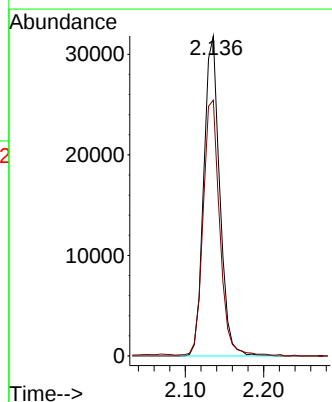
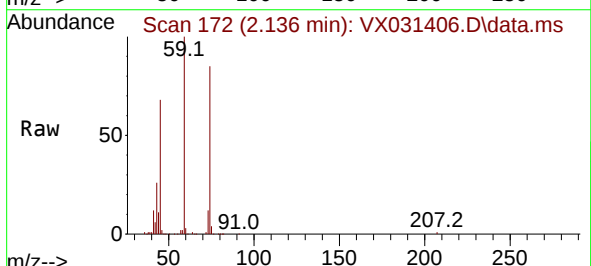
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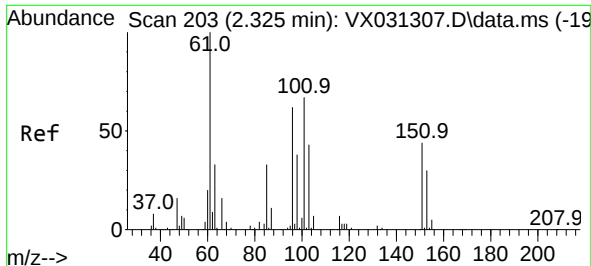
Reviewed By :John Carlone 09/17/2022
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#8
Diethyl Ether
Concen: 58.180 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Tgt Ion: 74 Resp: 44857
Ion Ratio Lower Upper
74 100
45 83.8 48.5 145.6





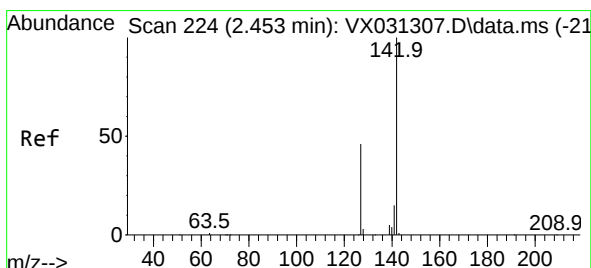
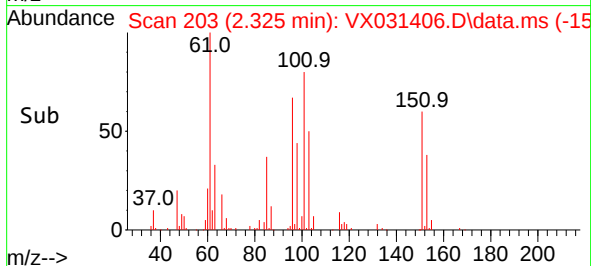
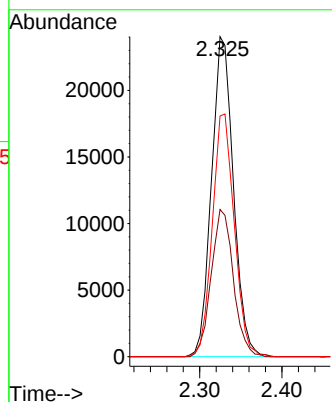
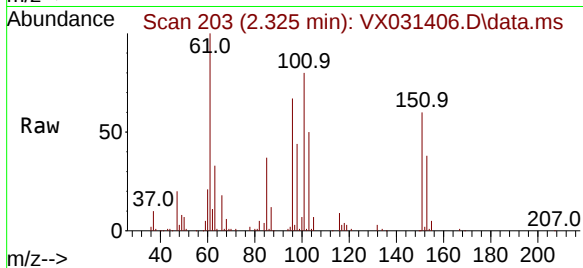
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.996 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 44544
Ion Ratio Lower Upper
101 100
85 46.5 38.6 57.8
151 76.0 54.0 81.0

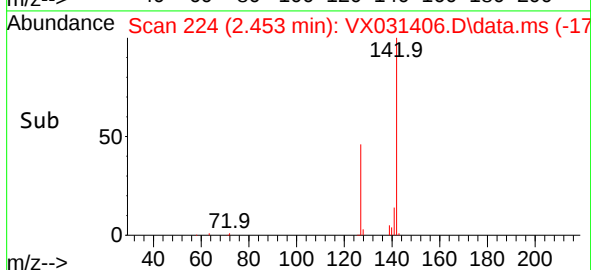
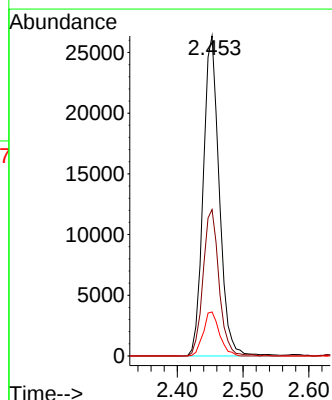
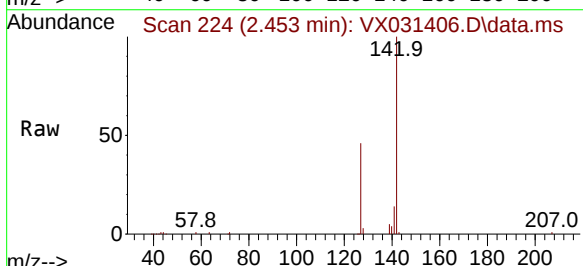
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 46.125 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

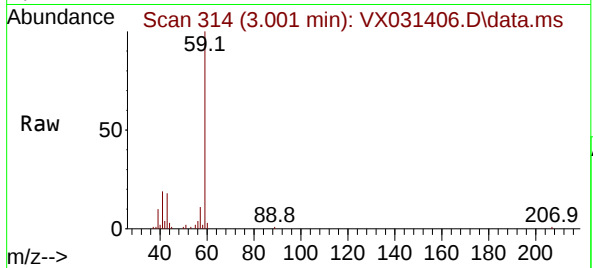
Tgt Ion:142 Resp: 44673
Ion Ratio Lower Upper
142 100
127 45.4 37.4 56.0
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 195.363 ug/l m
RT: 3.001 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

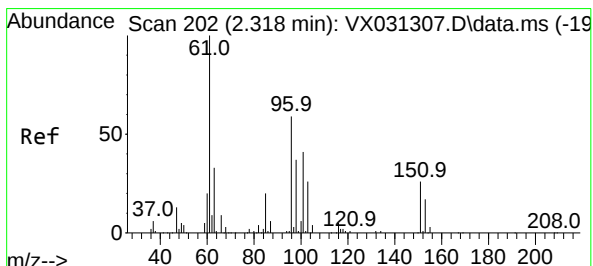
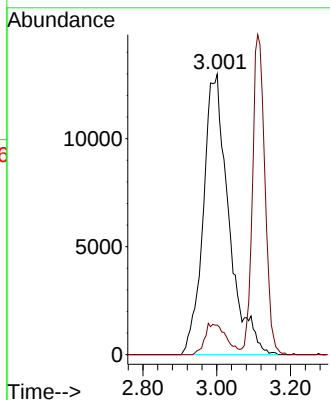
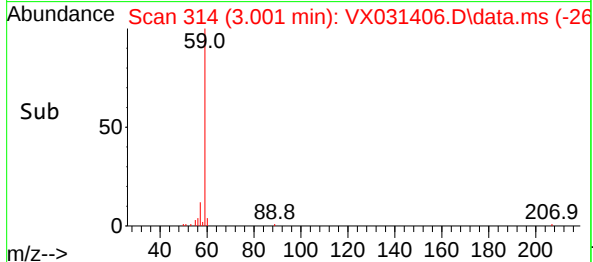
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



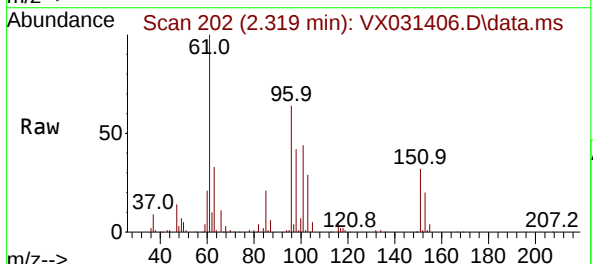
Tgt Ion: 59 Resp: 62378
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

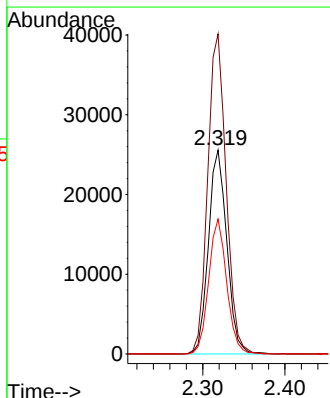
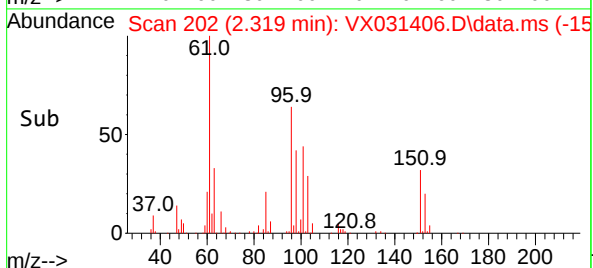
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

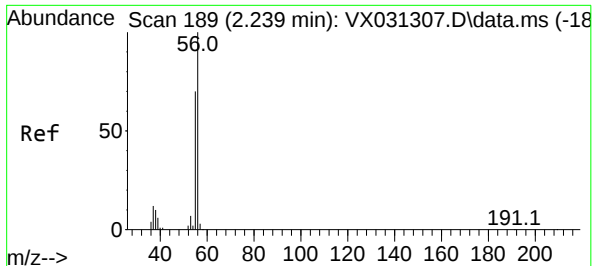


#12
1,1-Dichloroethene
Concen: 47.524 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



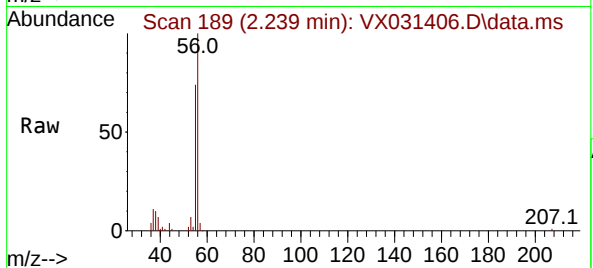
Tgt Ion: 96 Resp: 39829
Ion Ratio Lower Upper
96 100
61 157.0 135.3 202.9
98 66.1 49.4 74.2





#13
Acrolein
Concen: 152.012 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

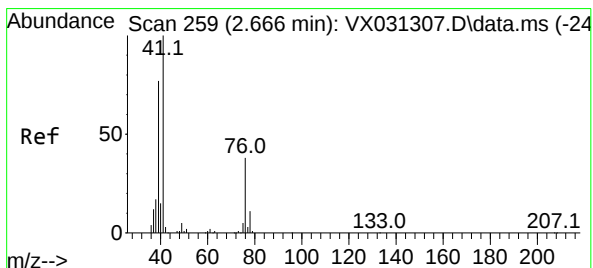
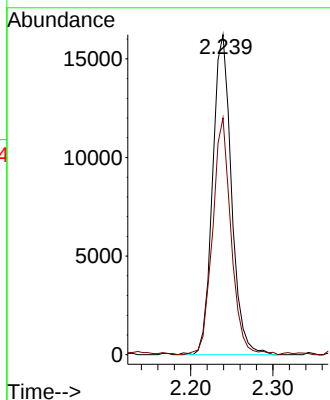
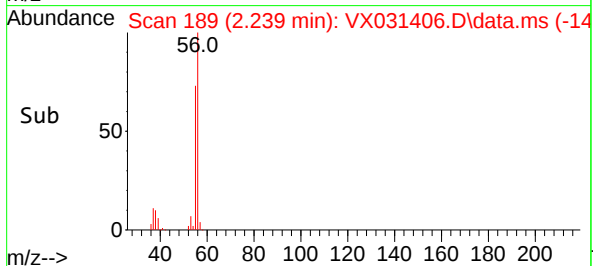
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



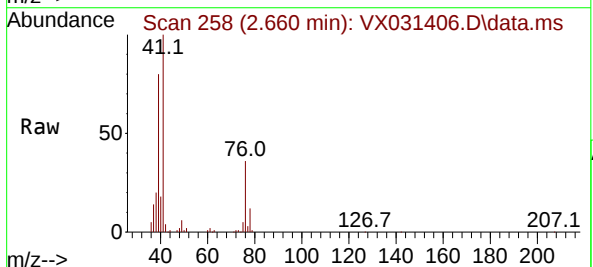
Tgt Ion: 56 Resp: 25840
Ion Ratio Lower Upper
56 100
55 72.4 56.0 84.0

Manual Integrations
APPROVED

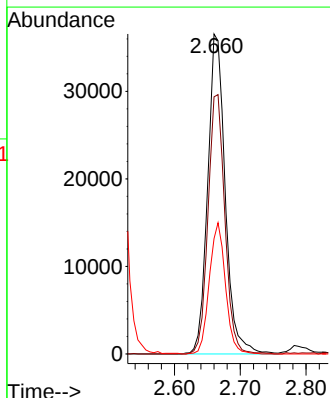
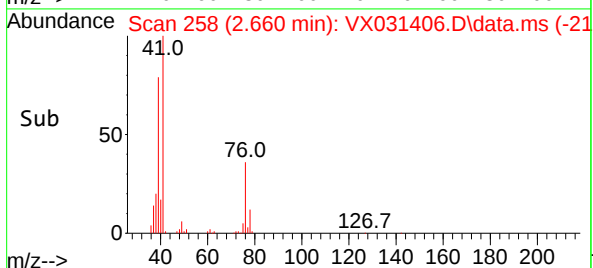
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

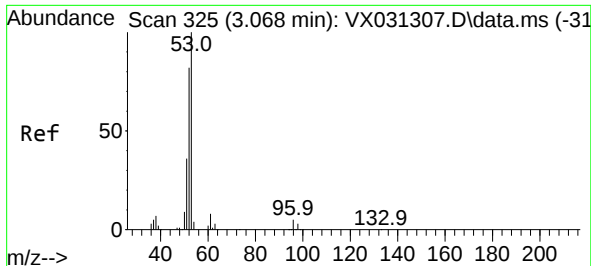


#14
Allyl chloride
Concen: 36.671 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



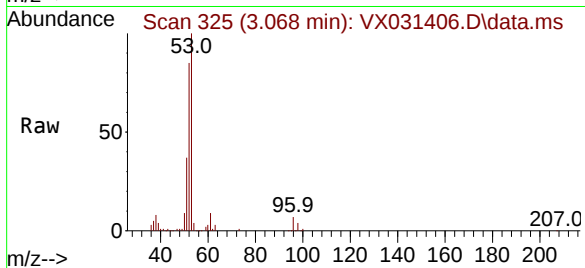
Tgt Ion: 41 Resp: 67894
Ion Ratio Lower Upper
41 100
39 77.7 58.2 87.4
76 37.6 26.9 40.3





#15
Acrylonitrile
Concen: 197.369 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

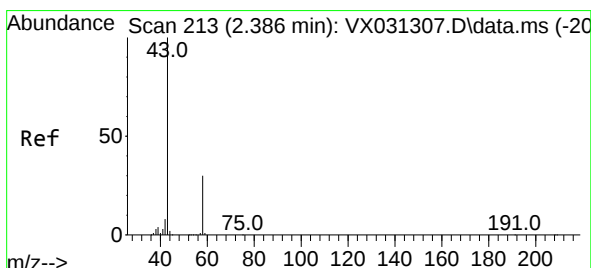
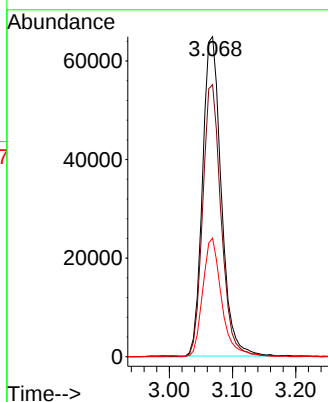
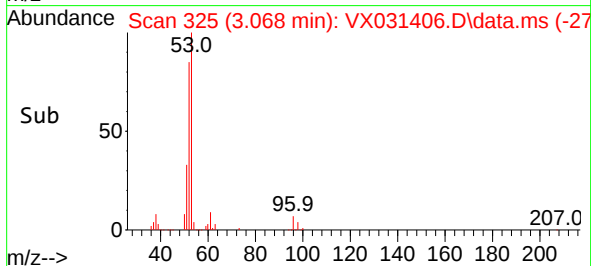
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



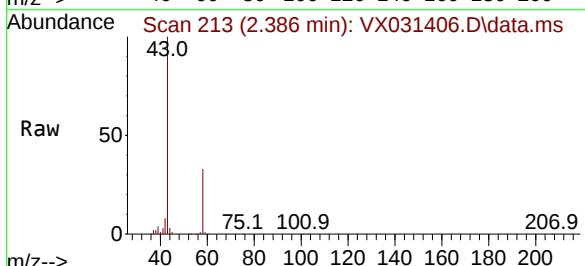
Tgt Ion: 53 Resp: 134124
Ion Ratio Lower Upper
53 100
52 83.9 66.9 100.3
51 37.4 30.0 45.0

Manual Integrations
APPROVED

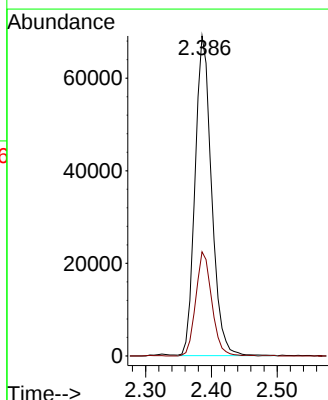
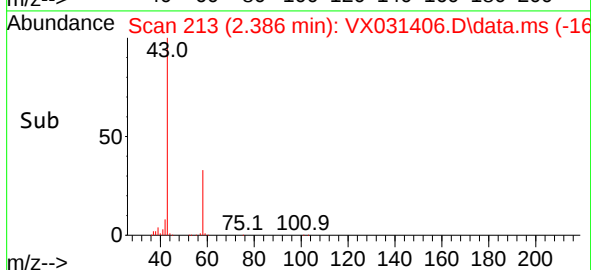
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

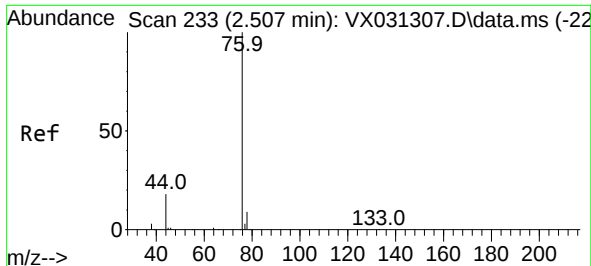


#16
Acetone
Concen: 191.391 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



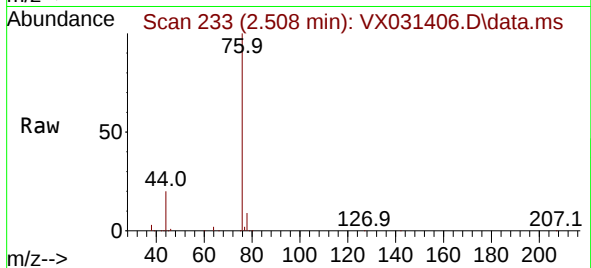
Tgt Ion: 43 Resp: 120384
Ion Ratio Lower Upper
43 100
58 32.6 23.8 35.8





#17
Carbon Disulfide
Concen: 46.101 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

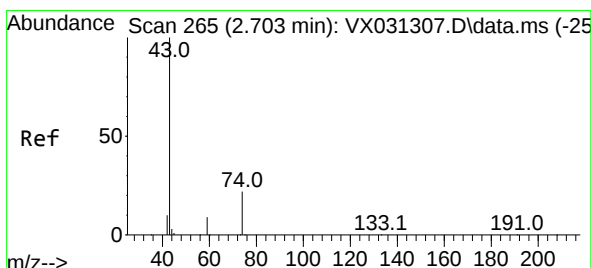
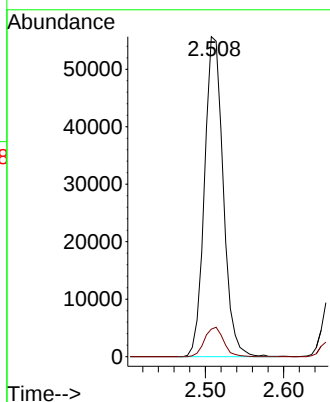
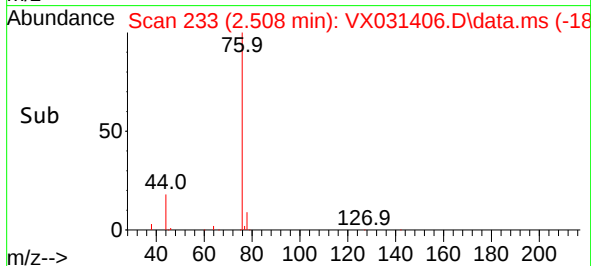
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



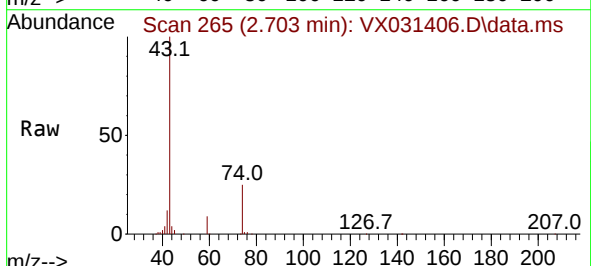
Tgt Ion: 76 Resp: 92314
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

Manual Integrations
APPROVED

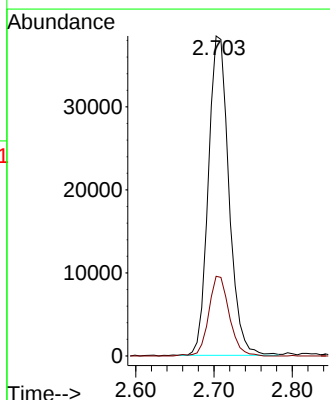
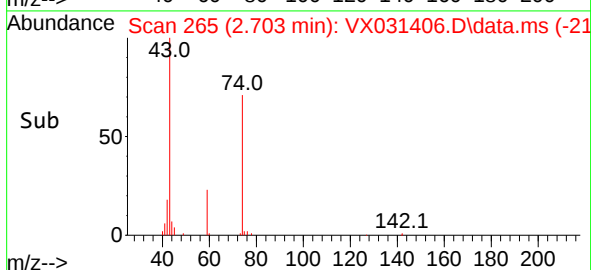
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

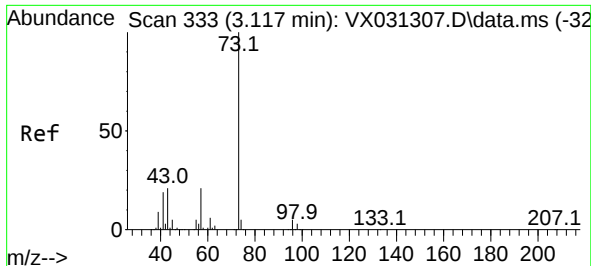


#18
Methyl Acetate
Concen: 37.540 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



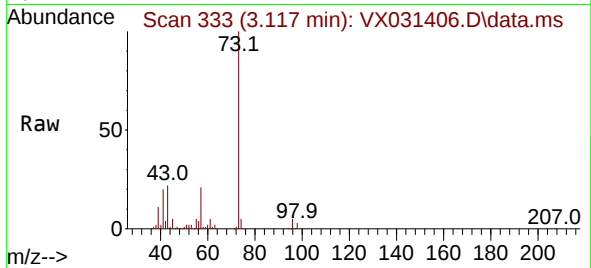
Tgt Ion: 43 Resp: 70019
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 41.607 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

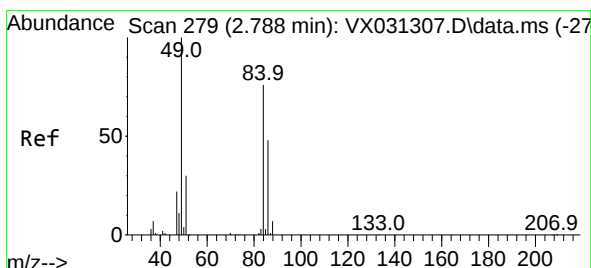
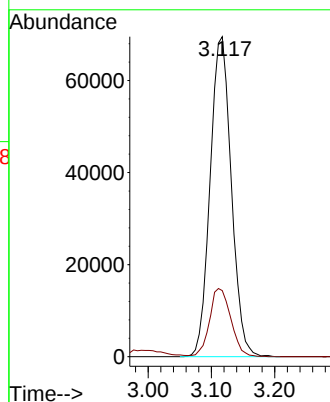
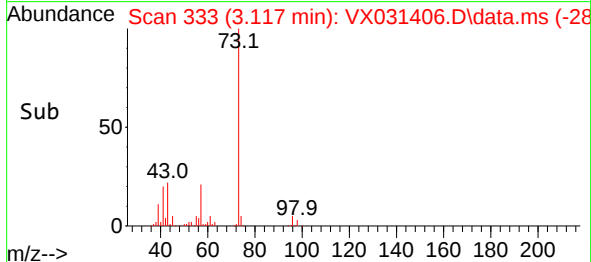
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 16147
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8

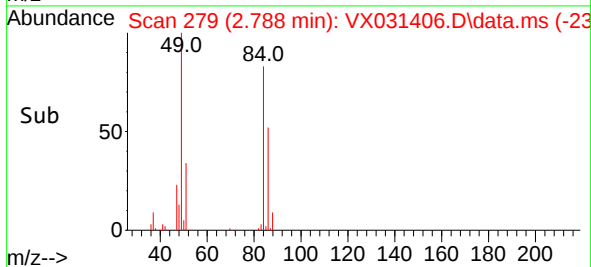
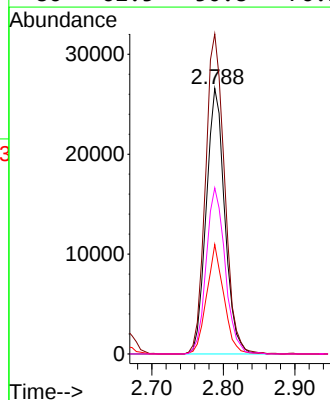
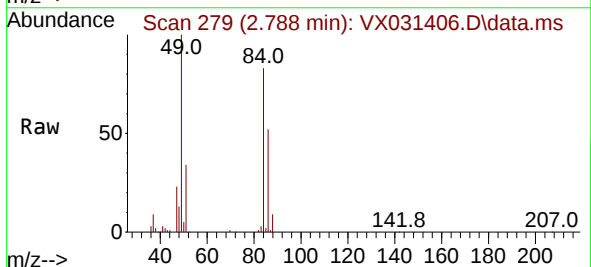
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 48.379 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

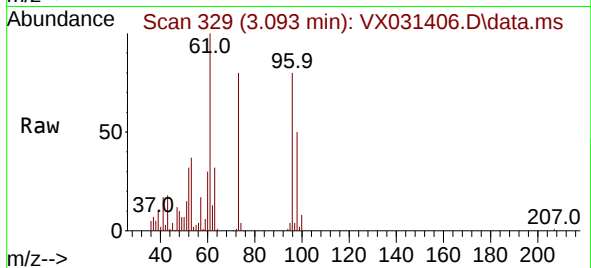
Tgt Ion: 84 Resp: 47798
Ion Ratio Lower Upper
84 100
49 120.5 105.9 158.9
51 41.2 32.2 48.2
86 62.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.595 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

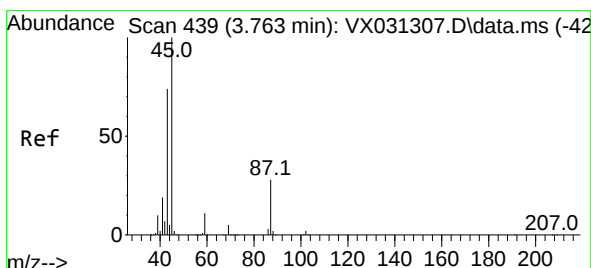
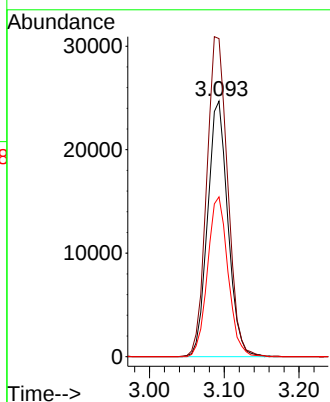
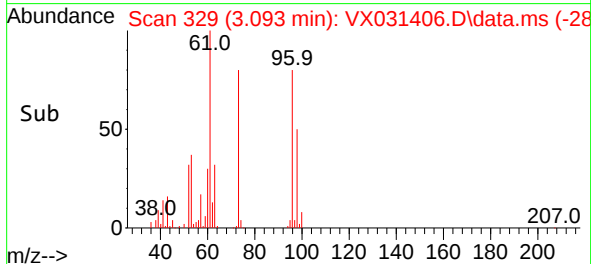
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 4672
Ion Ratio Lower Upper
96 100
61 124.5 106.7 160.1
98 62.5 48.7 73.1

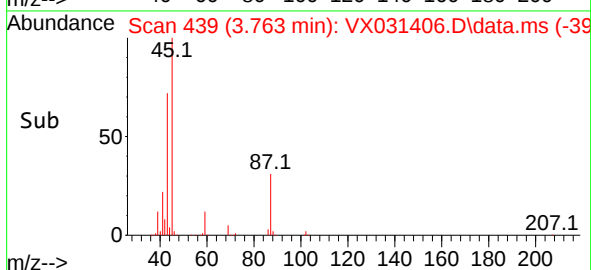
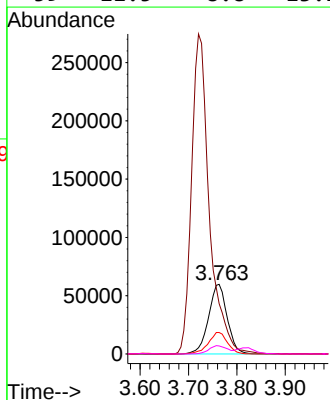
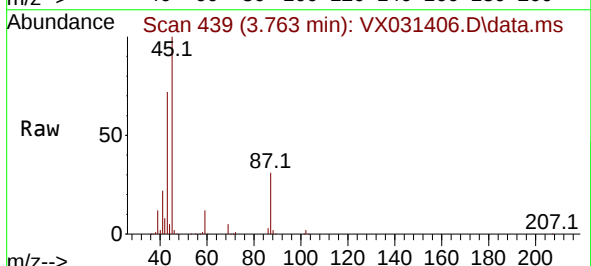
Manual Integrations
APPROVED

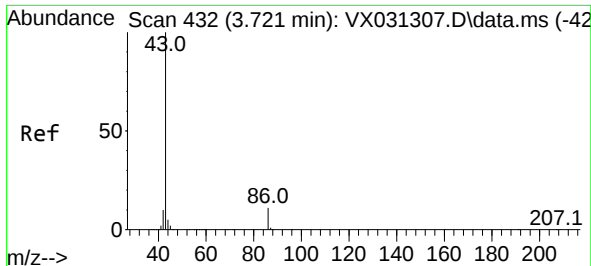
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 41.177 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

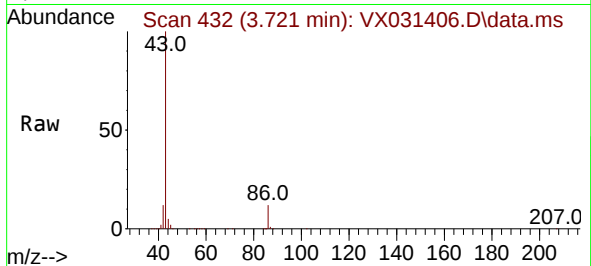
Tgt Ion: 45 Resp: 159530
Ion Ratio Lower Upper
45 100
43 71.6 59.0 88.6
87 30.7 22.6 33.8
59 11.5 8.8 13.2





#23
 Vinyl Acetate
 Concen: 217.981 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031406.D
 Acq: 16 Sep 2022 13:22

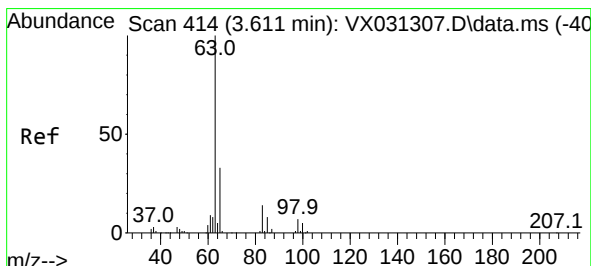
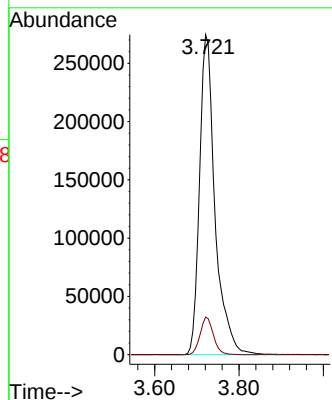
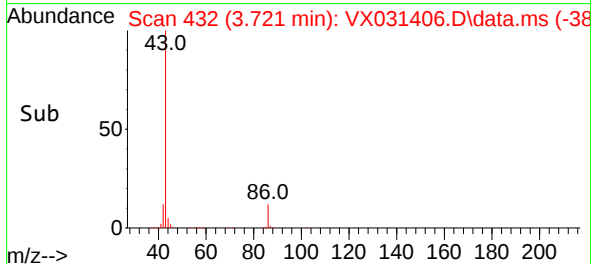
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



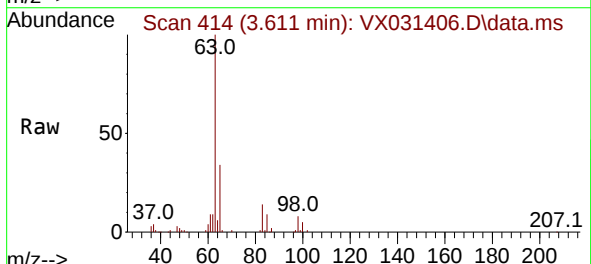
Tgt Ion: 43 Resp: 70184
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.7 13.1

Manual Integrations
 APPROVED

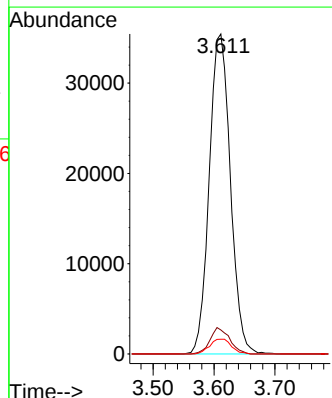
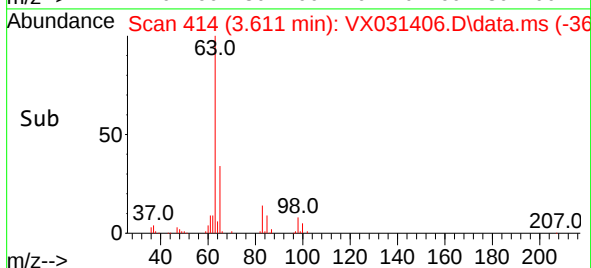
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

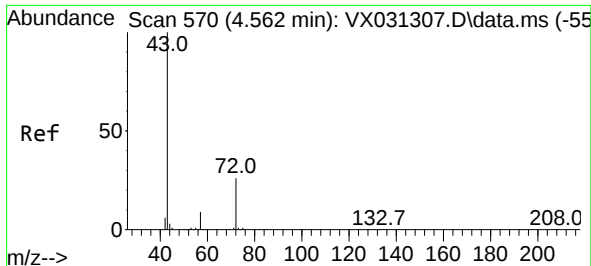


#24
 1,1-Dichloroethane
 Concen: 42.054 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031406.D
 Acq: 16 Sep 2022 13:22



Tgt Ion: 63 Resp: 85506
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.4 7.2





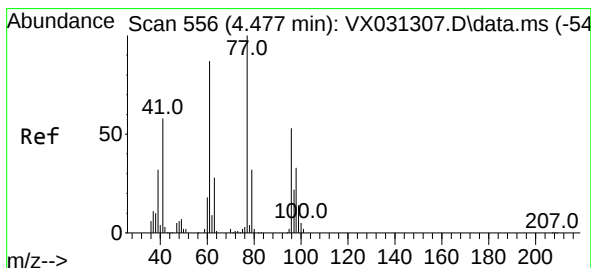
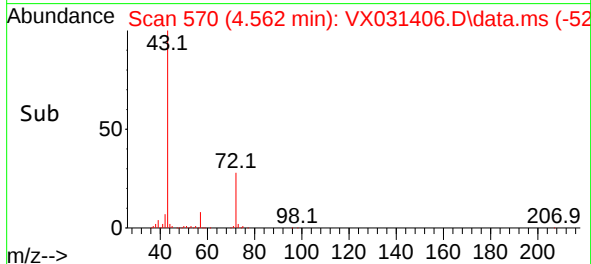
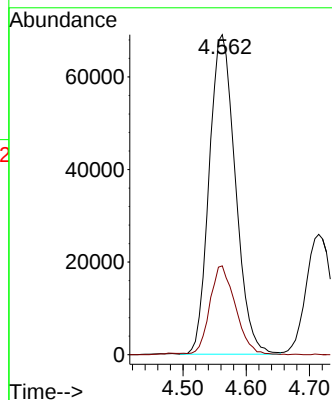
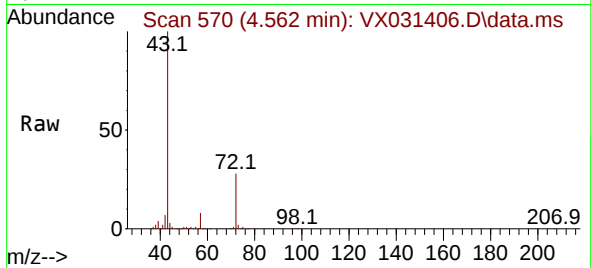
#25
2-Butanone
Concen: 191.437 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19861
Ion Ratio Lower Upper
43 100
72 27.7 21.1 31.7

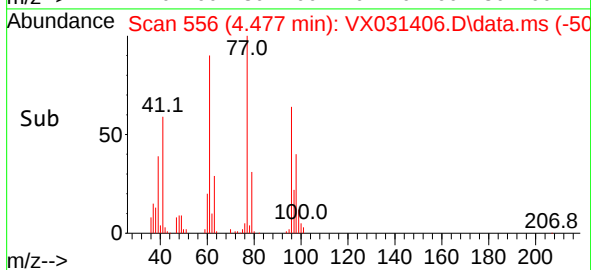
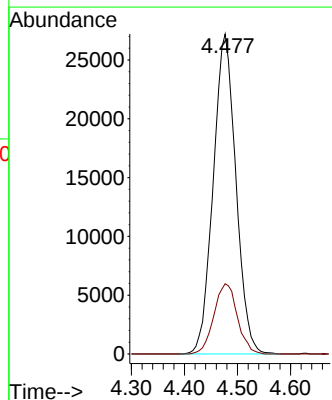
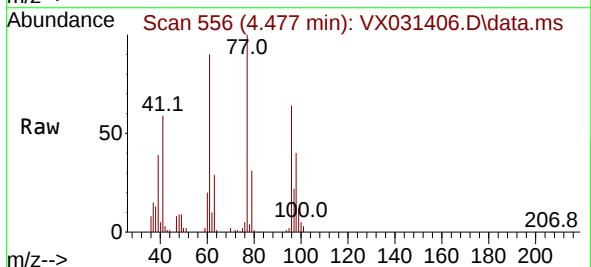
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
2,2-Dichloropropane
Concen: 41.871 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

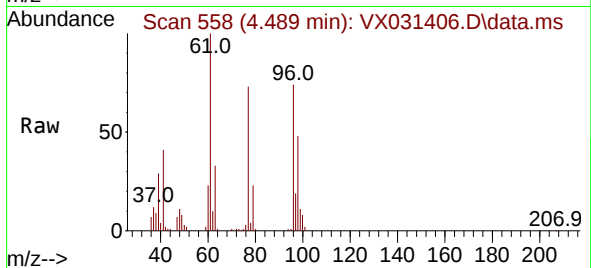
Tgt Ion: 77 Resp: 80770
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.411 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX031406.D
 Acq: 16 Sep 2022 13:22

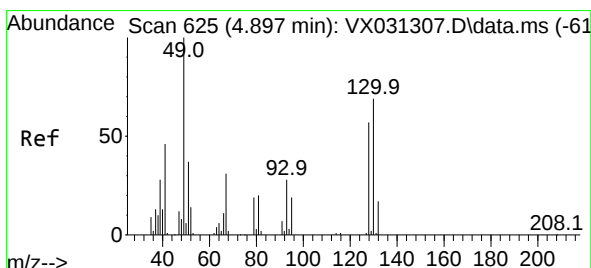
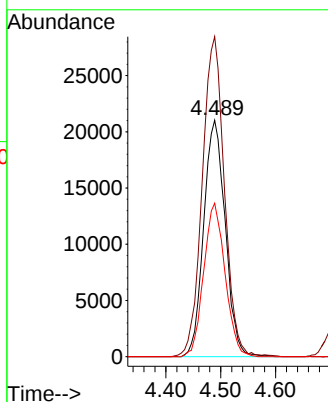
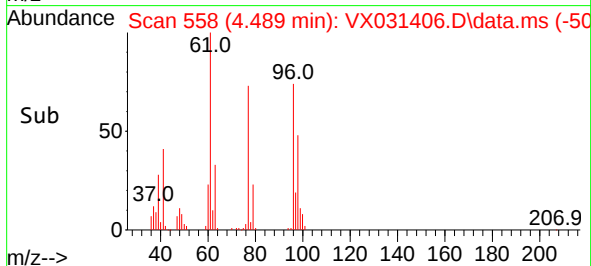
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



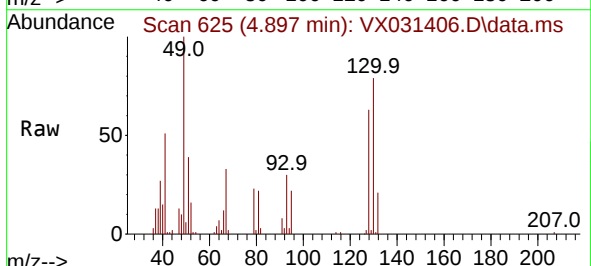
Tgt Ion: 96 Resp: 57292
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 305.2
 98 64.4 0.0 128.4

Manual Integrations
 APPROVED

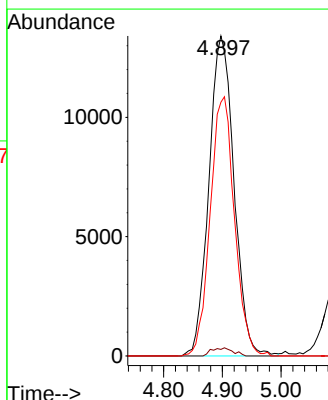
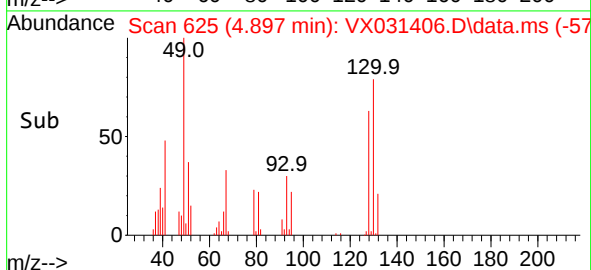
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

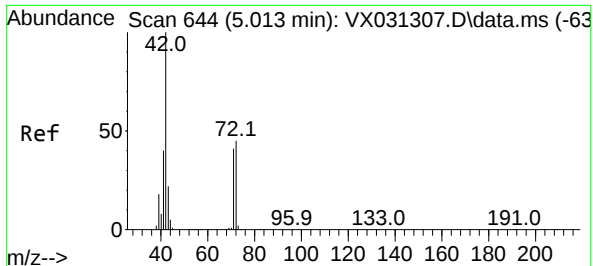


#28
 Bromochloromethane
 Concen: 42.038 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX031406.D
 Acq: 16 Sep 2022 13:22



Tgt Ion: 49 Resp: 39840
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 78.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 195.079 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

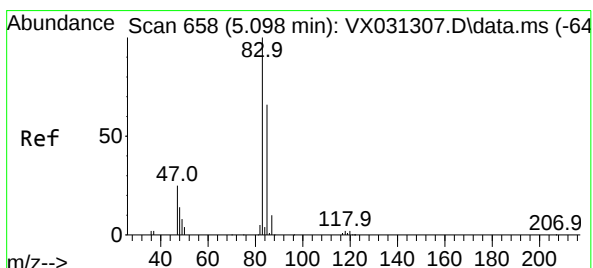
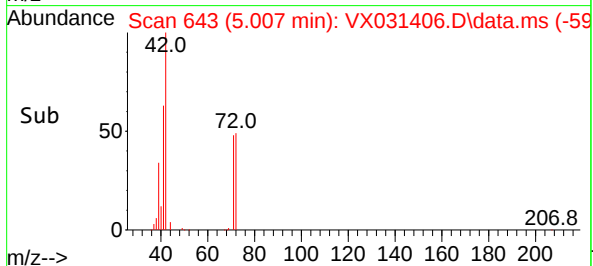
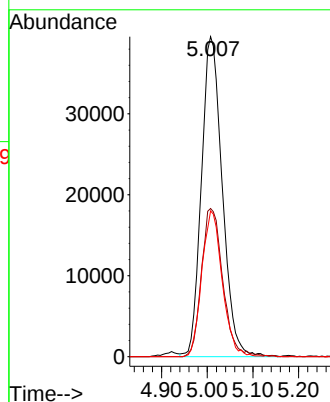
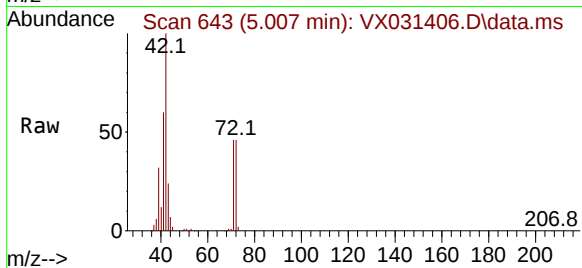
Tgt Ion:	42	Resp:	12536
Ion Ratio	Lower	Upper	
42	100		
72	47.4	36.4	54.6
71	44.5	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 45.142 ug/l

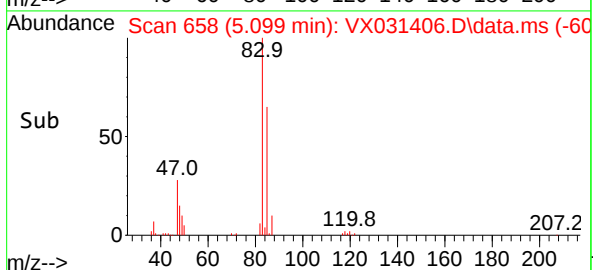
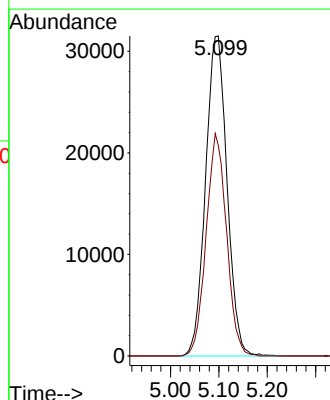
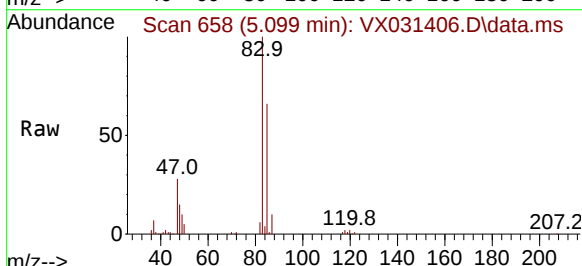
RT: 5.099 min Scan# 658

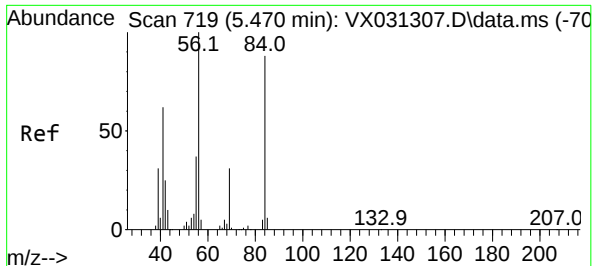
Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

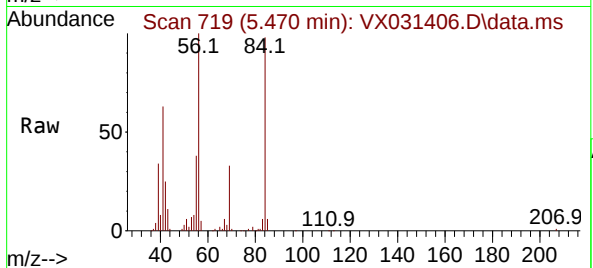
Tgt Ion:	83	Resp:	97194
Ion Ratio	Lower	Upper	
83	100		
85	65.8	52.8	79.2





#31
Cyclohexane
Concen: 45.994 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

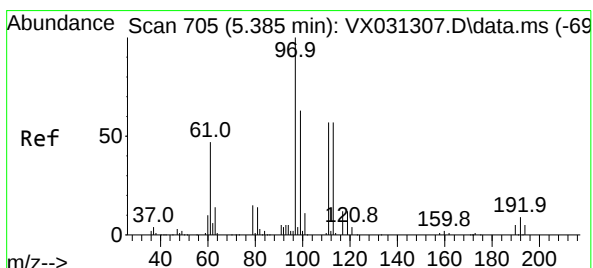
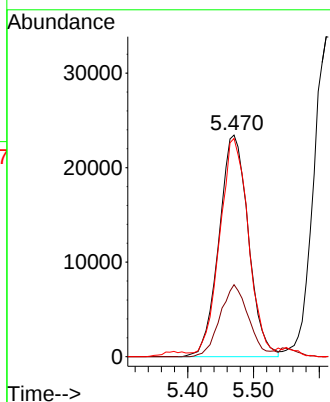
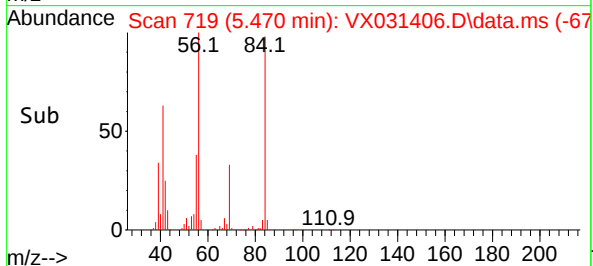
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



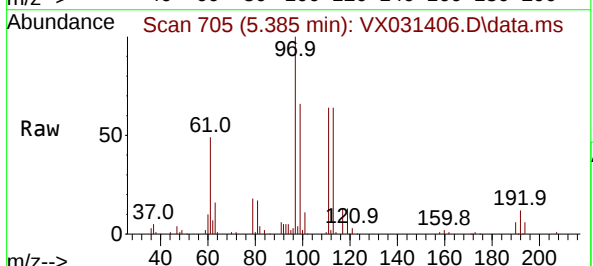
Tgt Ion: 56 Resp: 72800
Ion Ratio Lower Upper
56 100
69 32.5 25.1 37.7
84 96.7 70.2 105.4

Manual Integrations
APPROVED

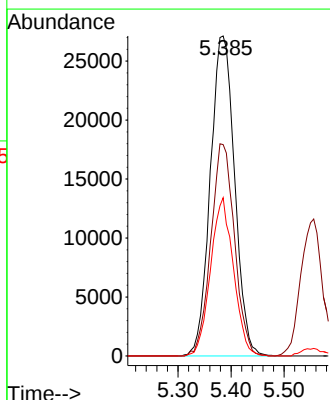
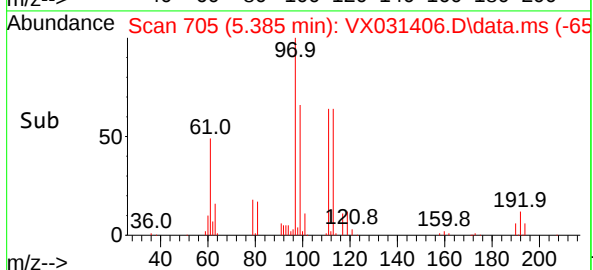
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

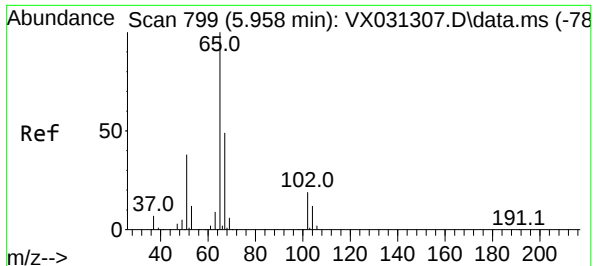


#32
1,1,1-Trichloroethane
Concen: 44.802 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion: 97 Resp: 86433
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 46.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 40.293 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 5936

Ion Ratio Lower Upper

65 100

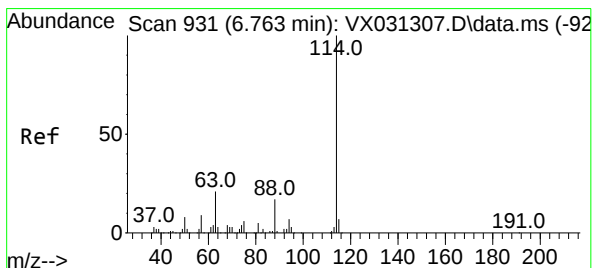
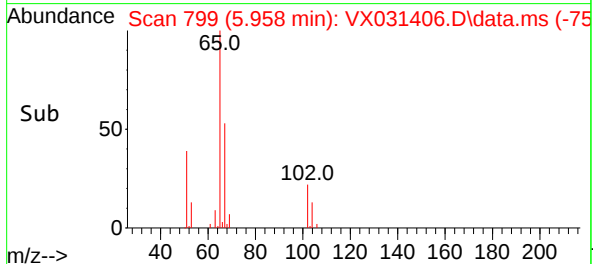
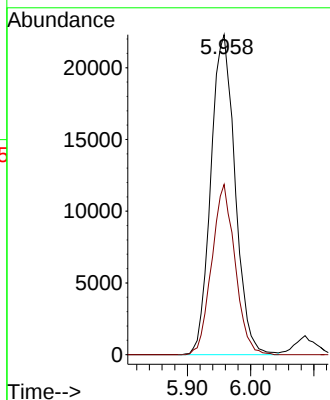
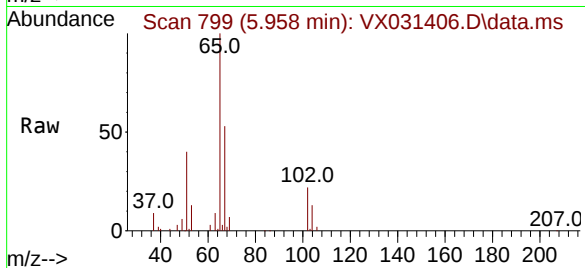
67 51.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

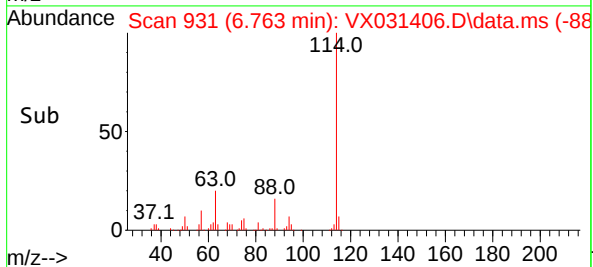
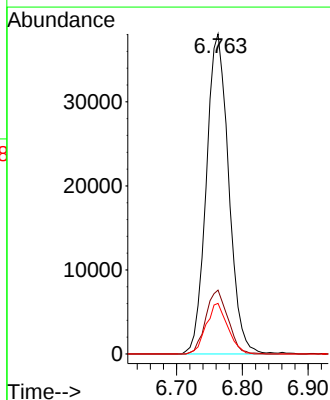
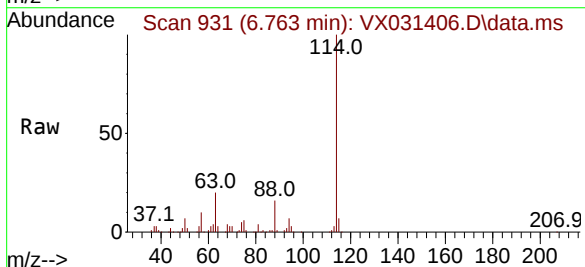
Tgt Ion:114 Resp: 90301

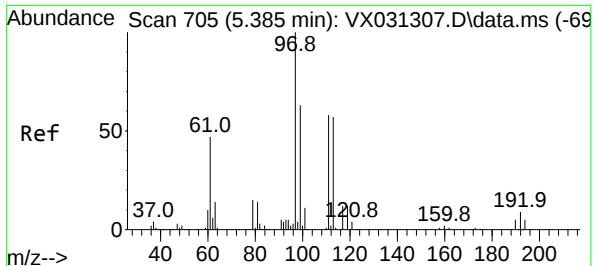
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.475 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

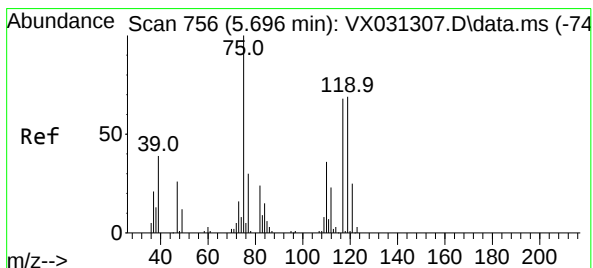
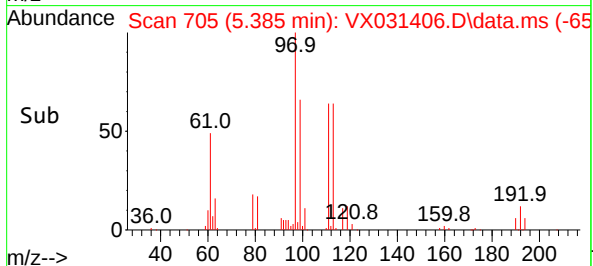
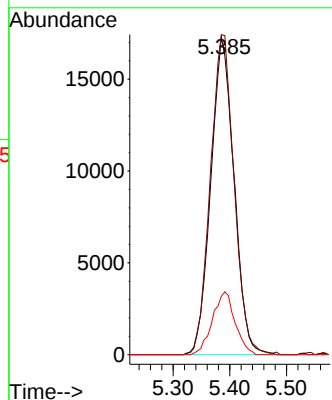
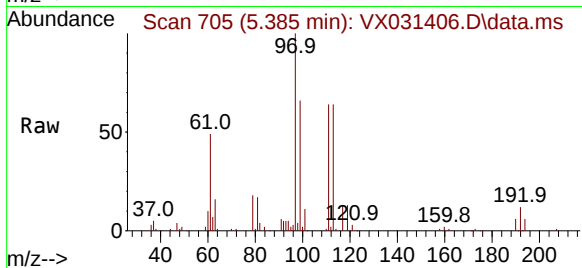
Tgt Ion:	113	Resp:	4899
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	19.3	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#36

1,1-Dichloropropene

Concen: 51.393 ug/l

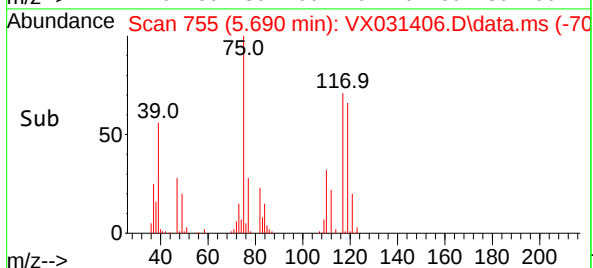
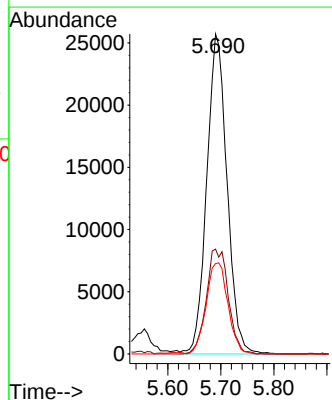
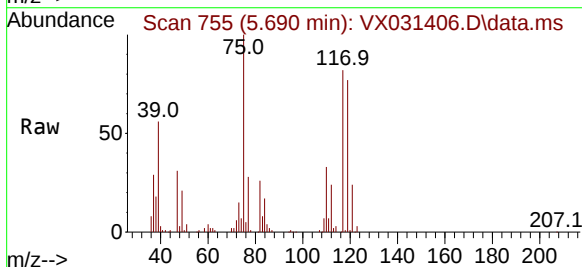
RT: 5.690 min Scan# 755

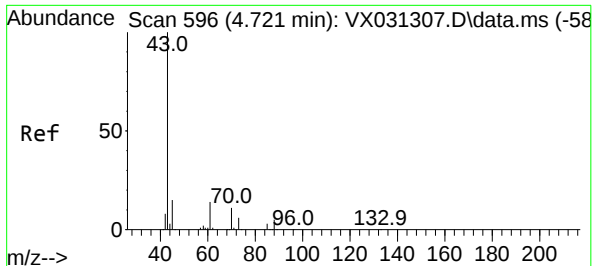
Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Tgt Ion:	75	Resp:	68280
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.5	52.5
77	30.6	24.9	37.3





#37

Ethyl Acetate

Concen: 43.772 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

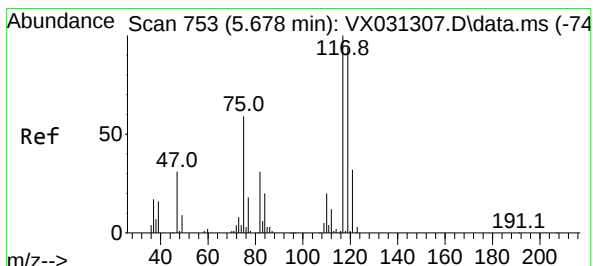
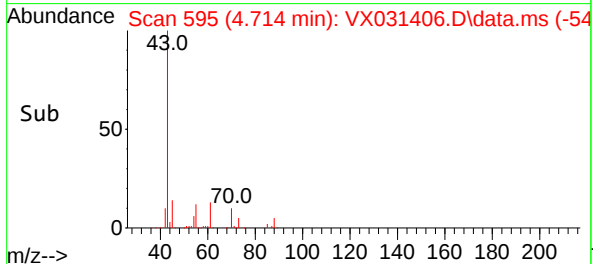
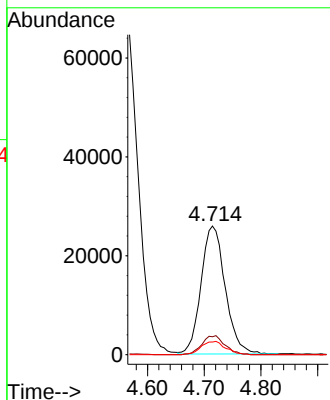
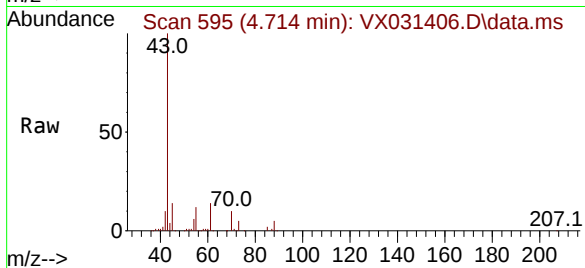
Tgt Ion:	43	Resp:	7642
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.1	16.7
70	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#38

Carbon Tetrachloride

Concen: 52.850 ug/l

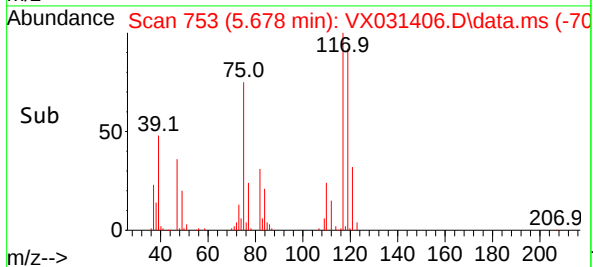
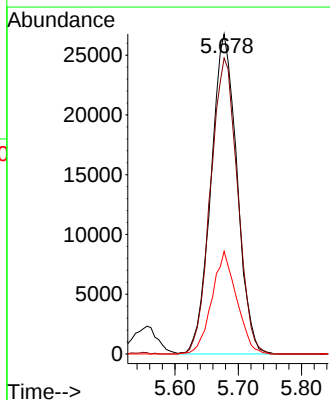
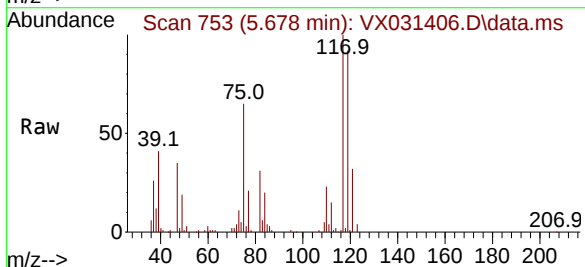
RT: 5.678 min Scan# 753

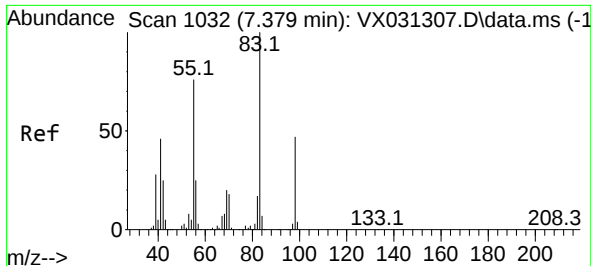
Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Tgt Ion:	117	Resp:	76325
Ion Ratio	Lower	Upper	
117	100		
119	92.5	74.6	112.0
121	32.1	25.3	37.9





#39

Methylcyclohexane

Concen: 54.240 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

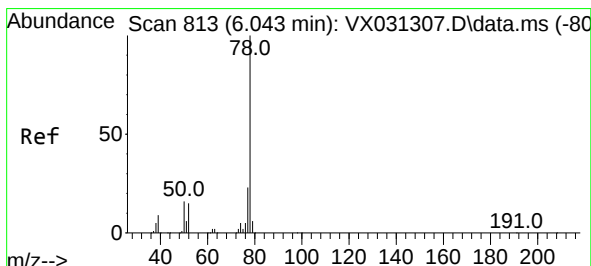
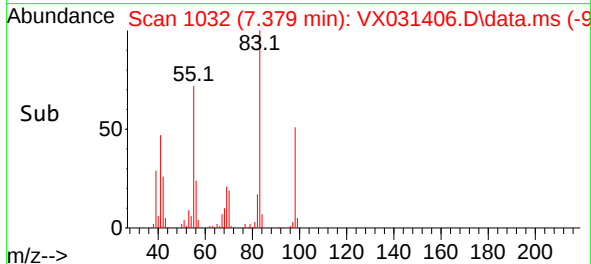
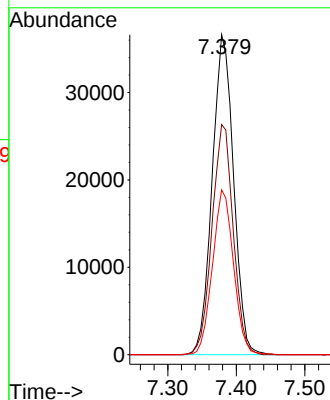
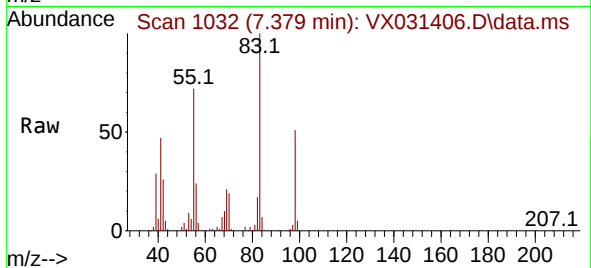
Tgt Ion:	83	Resp:	7936
Ion Ratio	Lower	Upper	
83	100		
55	71.9	61.0	91.4
98	51.5	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 52.762 ug/l

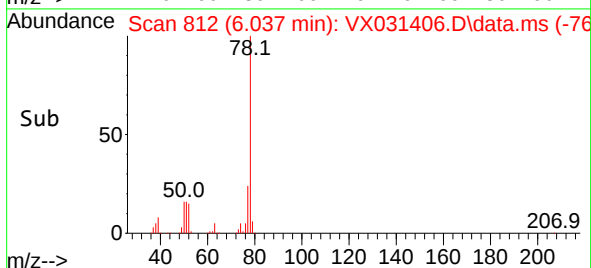
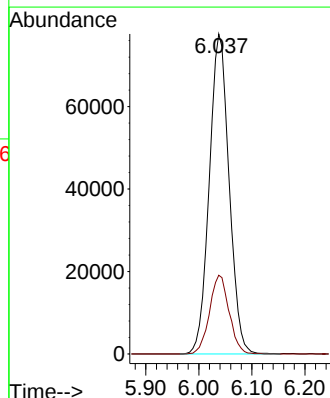
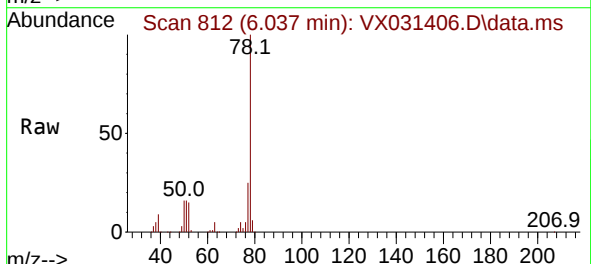
RT: 6.037 min Scan# 812

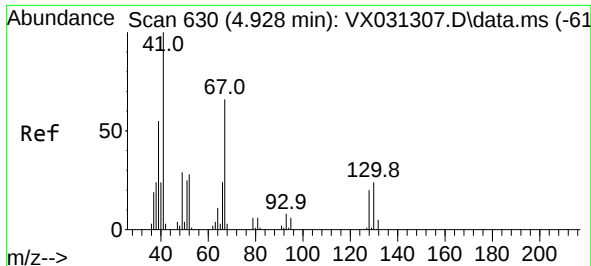
Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

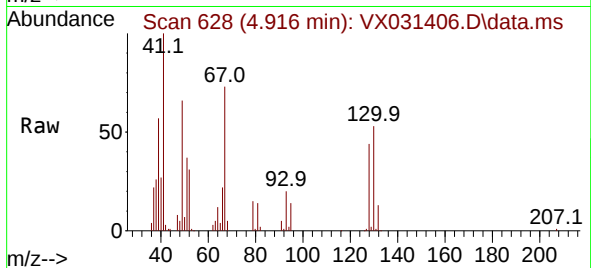
Tgt Ion:	78	Resp:	201298
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.7	28.1





#41
Methacrylonitrile
Concen: 43.559 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.012 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

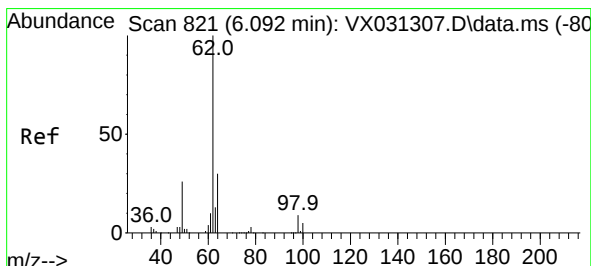
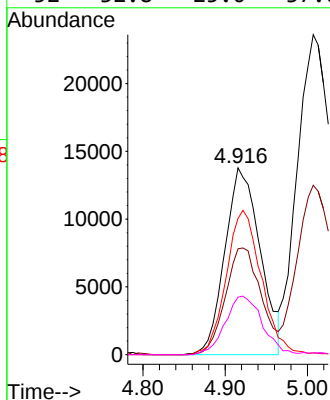
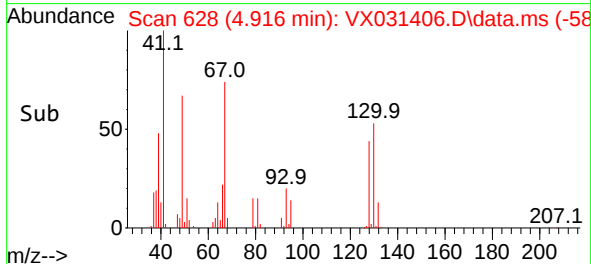
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 41199
Ion Ratio Lower Upper
41 100
39 57.9 45.0 67.6
67 77.2 58.2 87.4
52 32.8 25.0 37.6

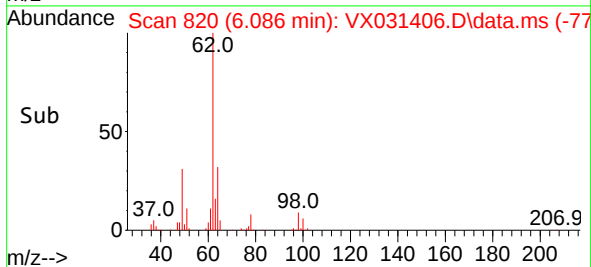
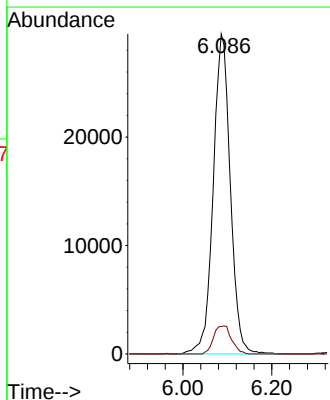
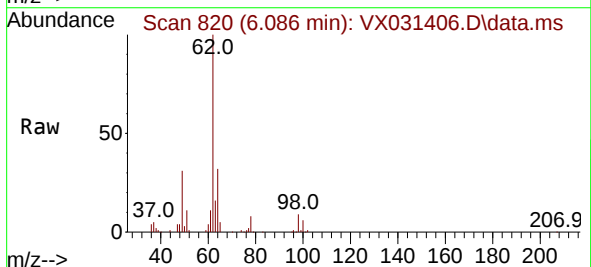
Manual Integrations
APPROVED

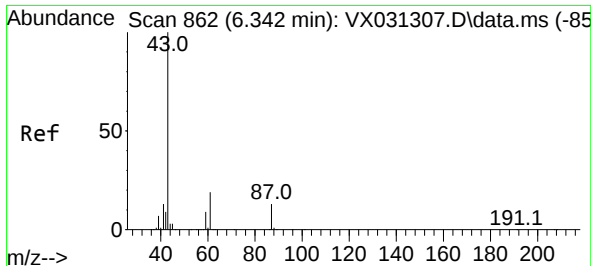
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
1,2-Dichloroethane
Concen: 51.031 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

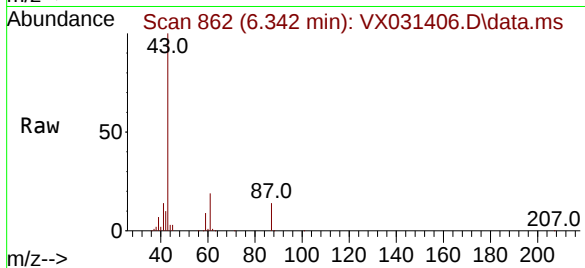
Tgt Ion: 62 Resp: 78532
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.8





#43
Isopropyl Acetate
Concen: 43.949 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

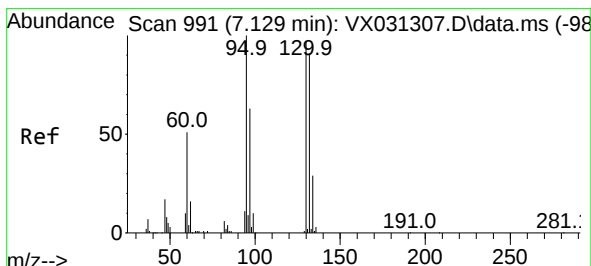
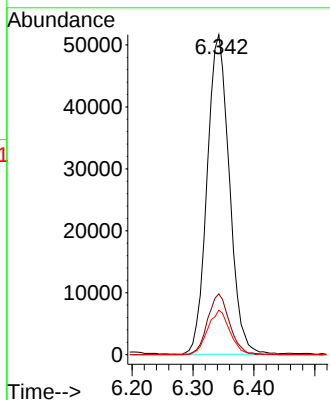
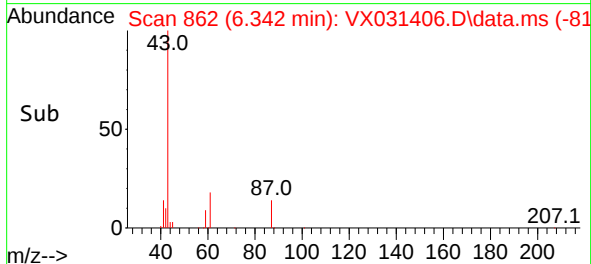
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



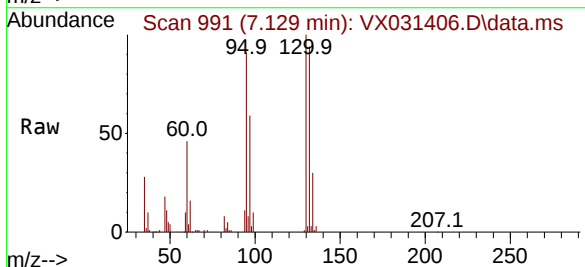
Tgt Ion: 43 Resp: 130978
Ion Ratio Lower Upper
43 100
61 18.7 15.3 22.9
87 13.9 10.6 15.8

Manual Integrations
APPROVED

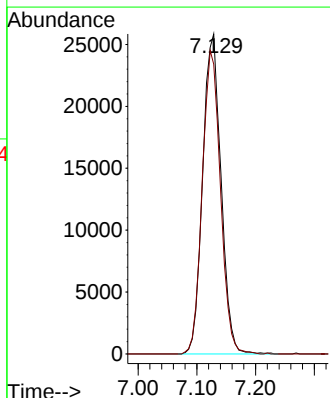
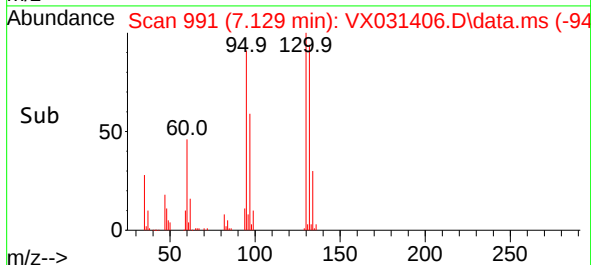
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

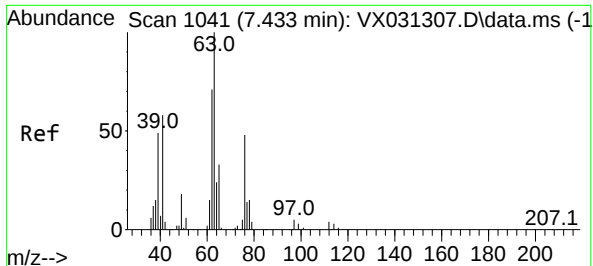


#44
Trichloroethene
Concen: 57.408 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion:130 Resp: 55842
Ion Ratio Lower Upper
130 100
95 90.5 0.0 206.8





#45

1,2-Dichloropropane

Concen: 49.801 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5201

Ion Ratio Lower Upper

63 100

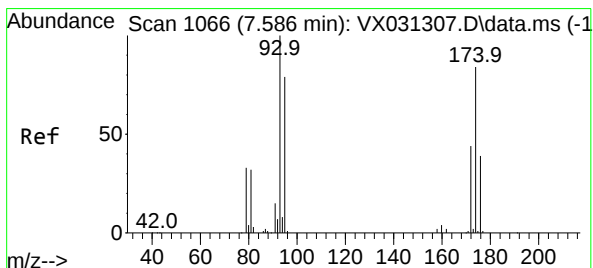
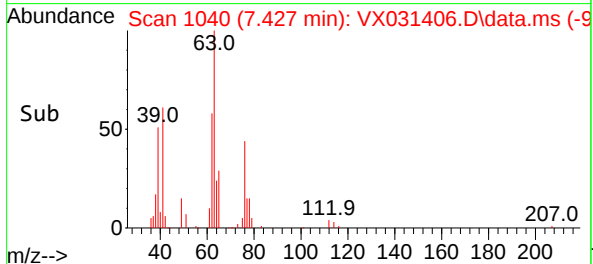
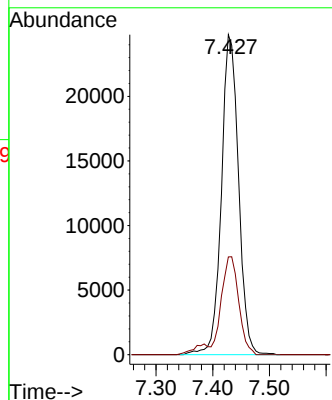
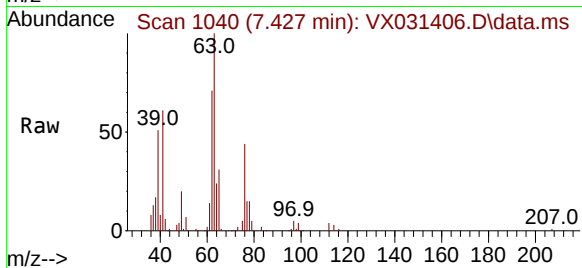
65 30.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 53.532 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

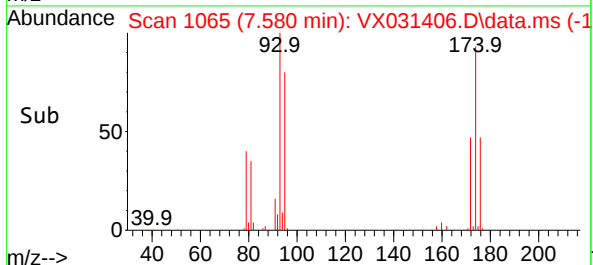
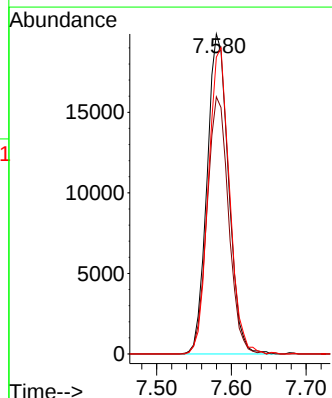
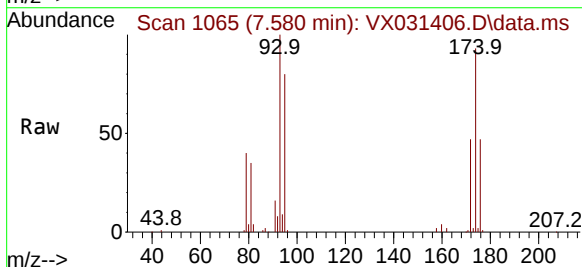
Tgt Ion: 93 Resp: 39652

Ion Ratio Lower Upper

93 100

95 80.4 65.5 98.3

174 93.8 67.6 101.4





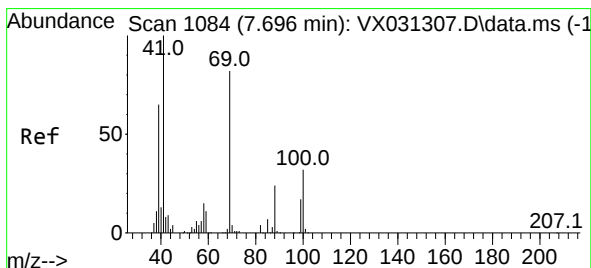
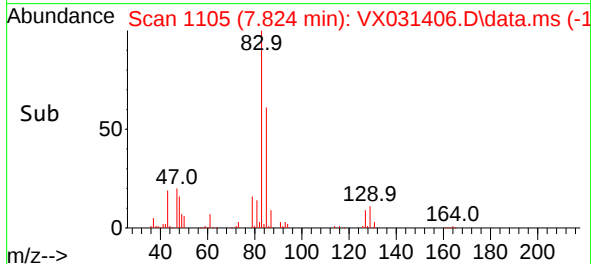
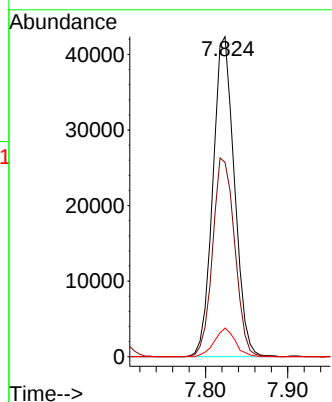
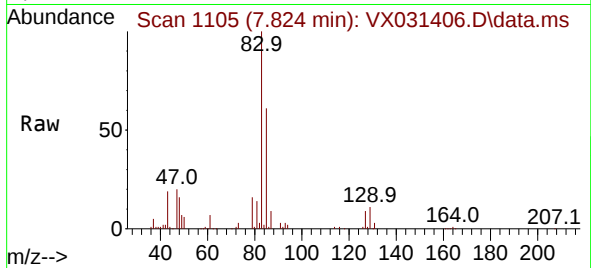
#47
Bromodichloromethane
Concen: 50.082 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 7715
Ion Ratio Lower Upper
83 100
85 60.7 51.0 76.6
127 9.0 7.0 10.6

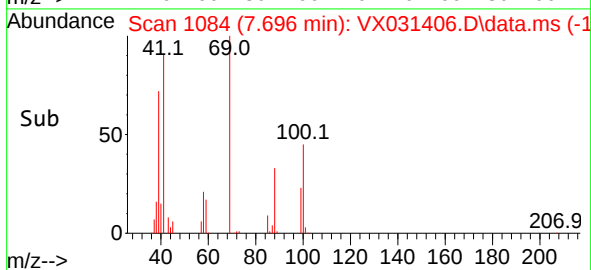
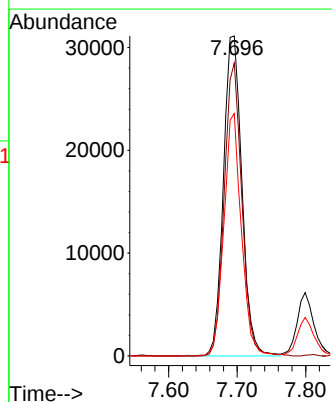
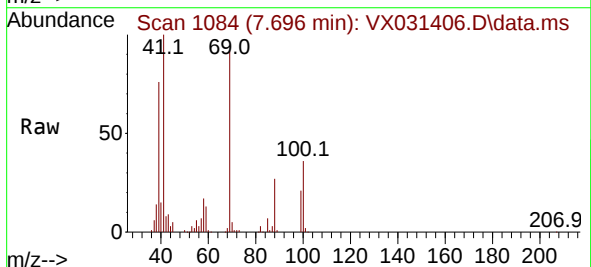
Manual Integrations
APPROVED

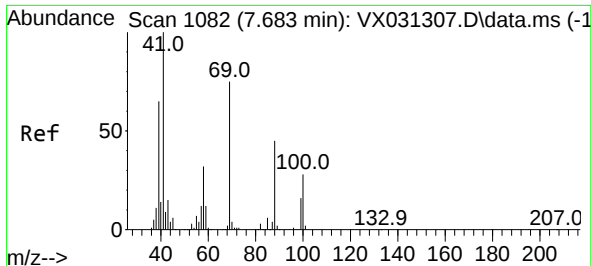
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#48
Methyl methacrylate
Concen: 42.893 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Tgt Ion: 41 Resp: 58192
Ion Ratio Lower Upper
41 100
69 87.3 64.6 96.8
39 71.9 51.4 77.0





#49

1,4-Dioxane

Concen: 923.422 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

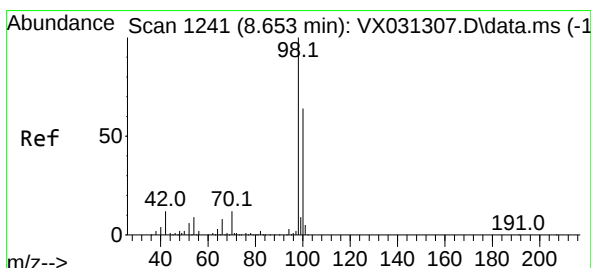
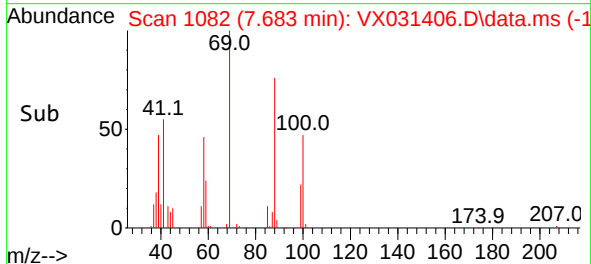
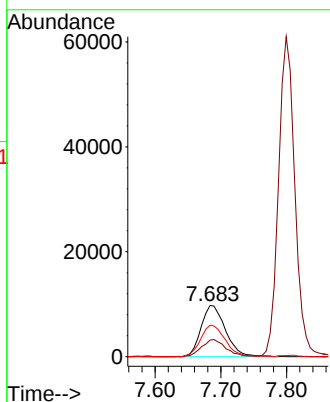
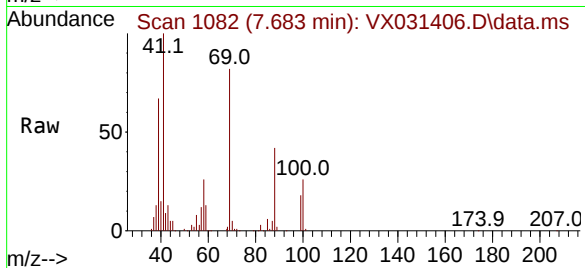
Tgt Ion:	88	Resp:	25124
Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.1	40.7
58	62.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

Toluene-d8

Concen: 52.077 ug/l

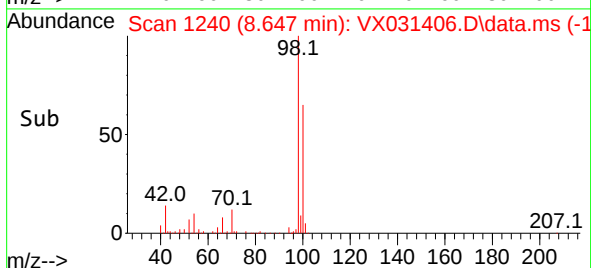
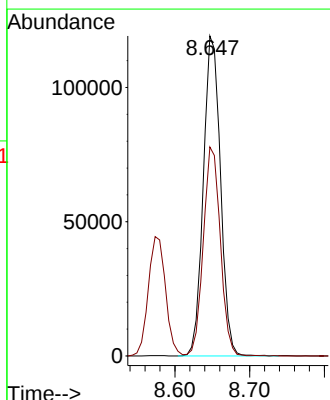
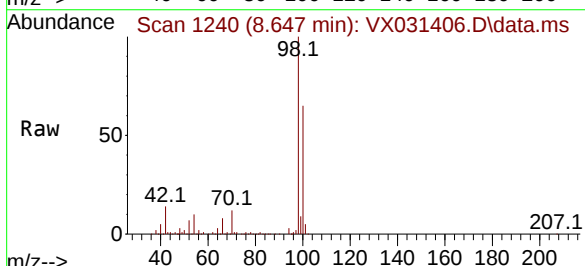
RT: 8.647 min Scan# 1240

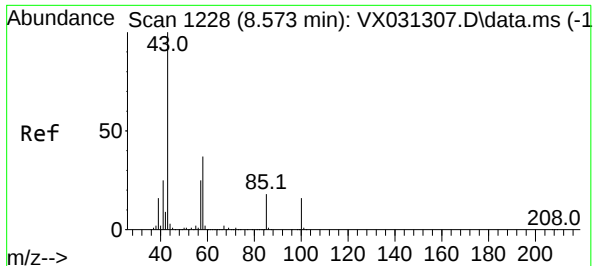
Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Tgt Ion:	98	Resp:	189618
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.5	78.7





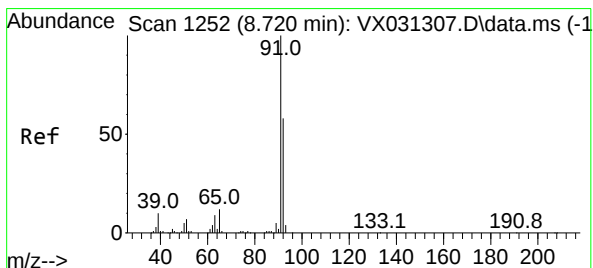
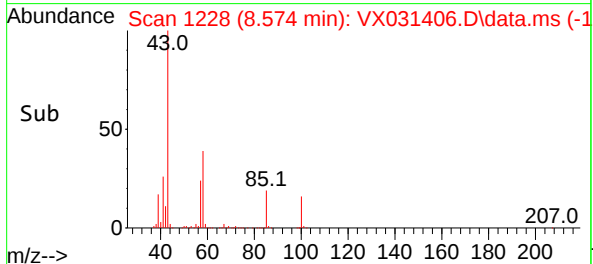
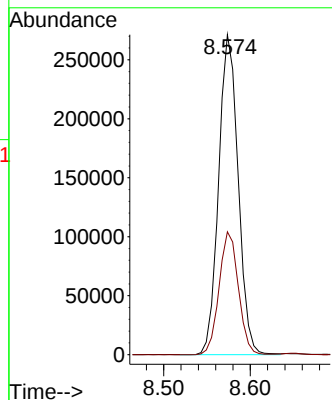
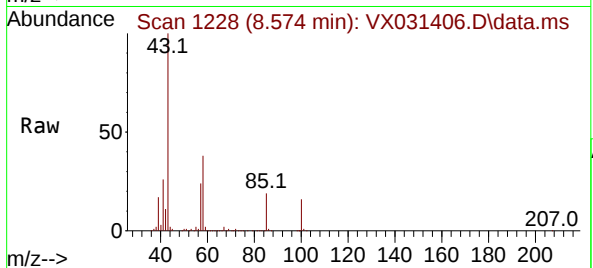
#51
4-Methyl-2-Pentanone
Concen: 234.332 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 424490
Ion Ratio Lower Upper
43 100
58 38.0 30.6 46.0

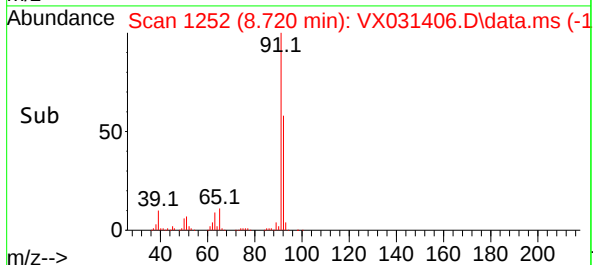
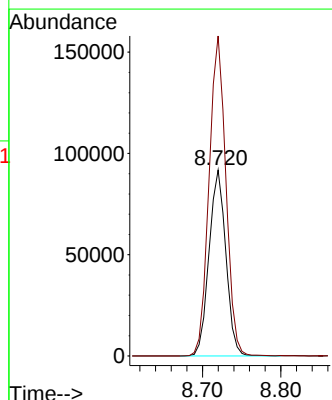
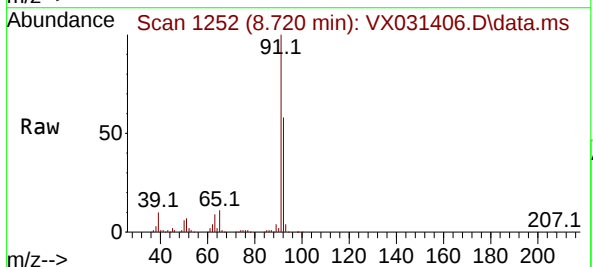
Manual Integrations
APPROVED

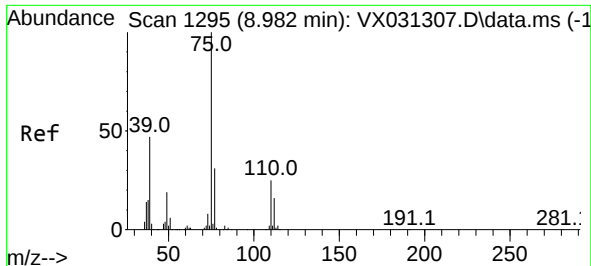
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
Toluene
Concen: 56.664 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

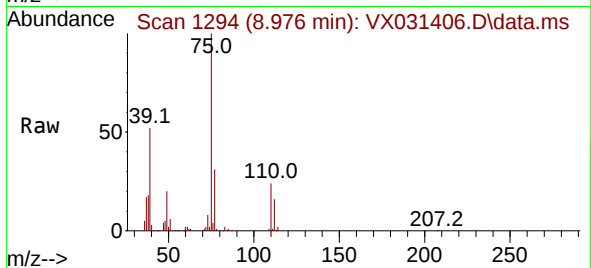
Tgt Ion: 92 Resp: 136751
Ion Ratio Lower Upper
92 100
91 172.1 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 49.742 ug/l
RT: 8.976 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

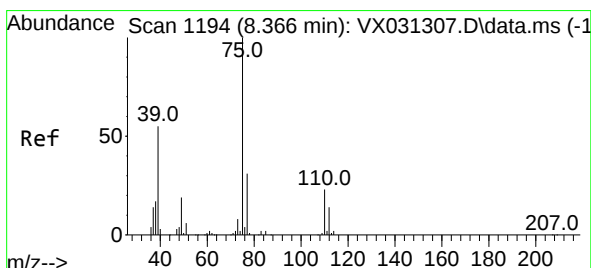
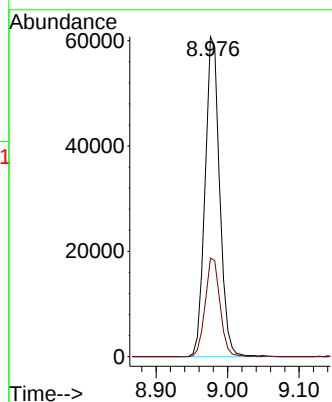
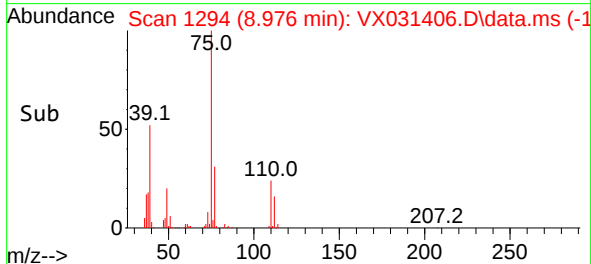
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 86240
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2

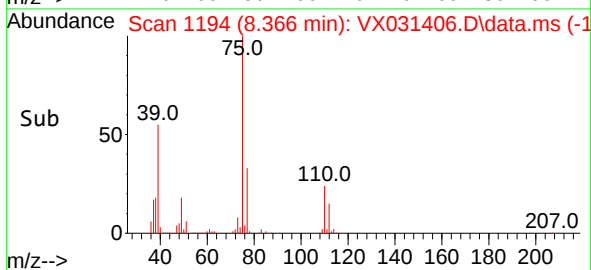
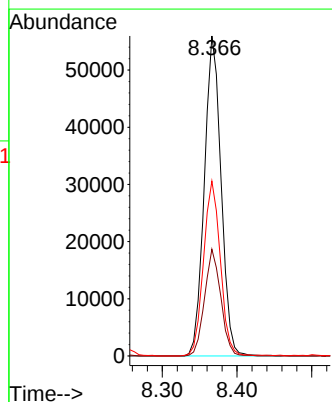
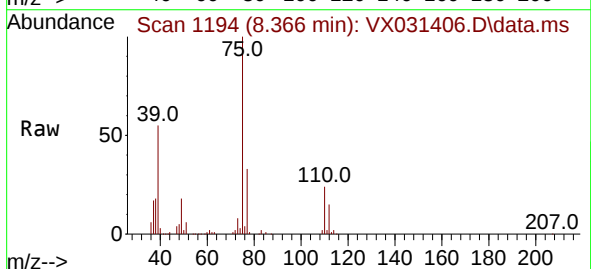
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#54
cis-1,3-Dichloropropene
Concen: 48.970 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Tgt Ion: 75 Resp: 87249
Ion Ratio Lower Upper
75 100
77 33.3 24.4 36.6
39 54.6 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 53.378 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 5686

Ion Ratio Lower Upper

97 100

83 84.6 69.0 103.6

85 56.1 44.1 66.1

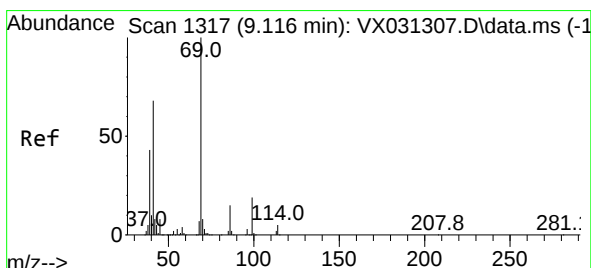
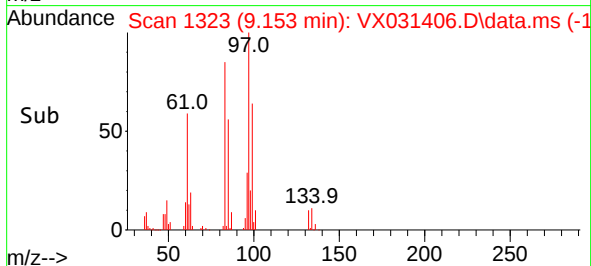
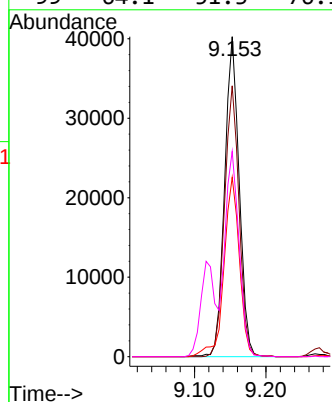
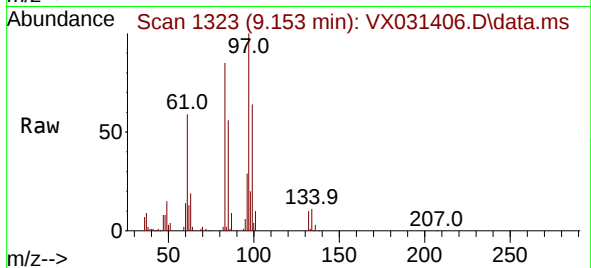
99 64.1 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#56

Ethyl methacrylate

Concen: 50.114 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

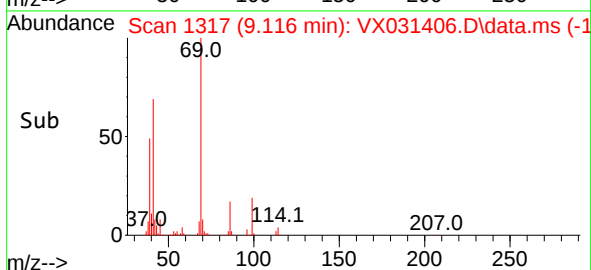
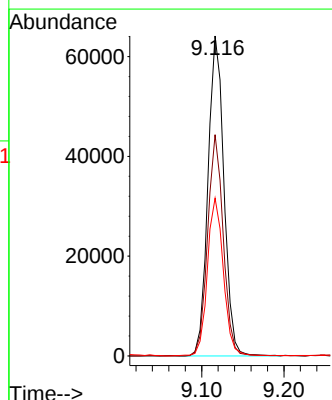
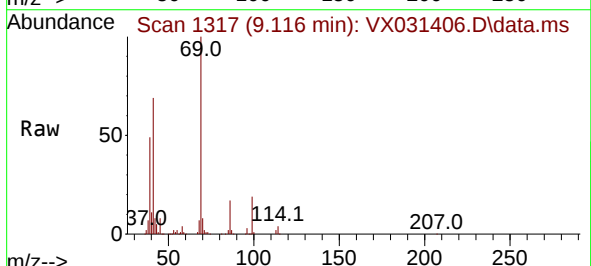
Tgt Ion: 69 Resp: 86428

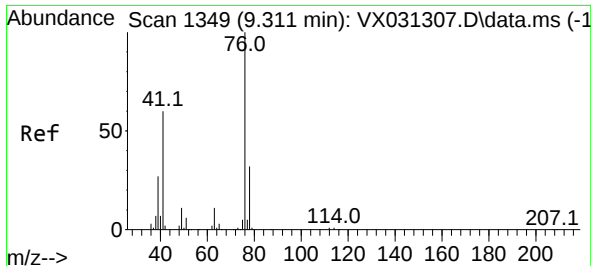
Ion Ratio Lower Upper

69 100

41 67.9 54.2 81.4

39 49.7 34.2 51.2





#57

1,3-Dichloropropane

Concen: 50.887 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 93154

Ion Ratio Lower Upper

76 100

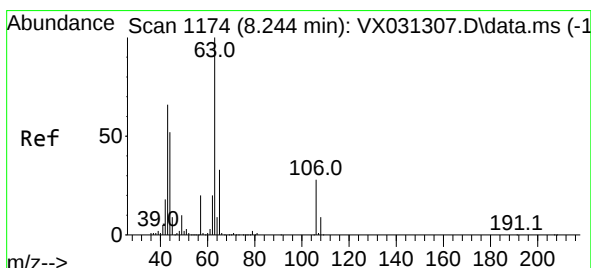
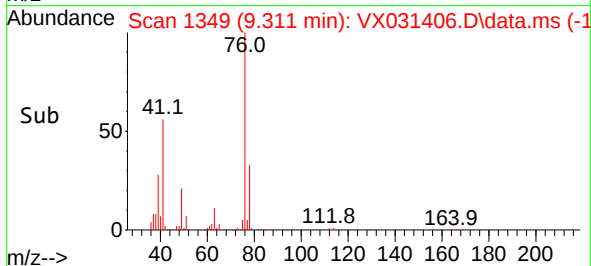
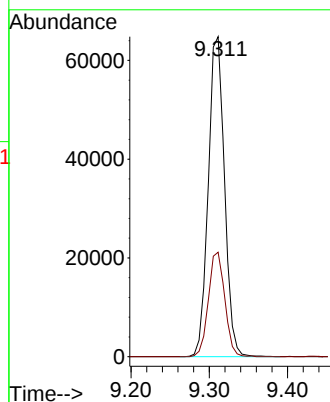
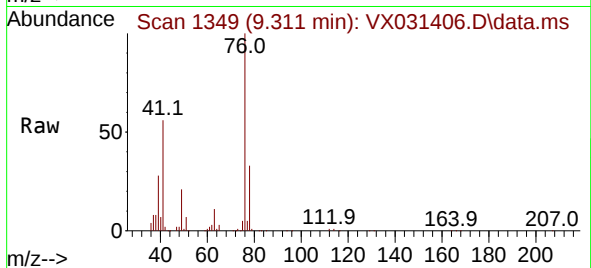
78 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 254.024 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031406.D

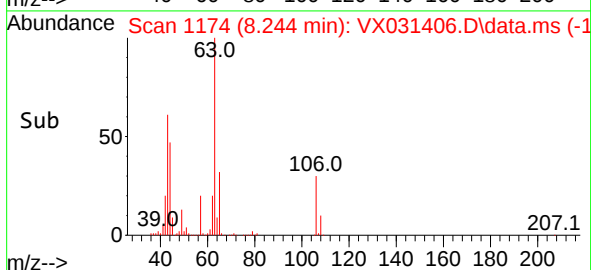
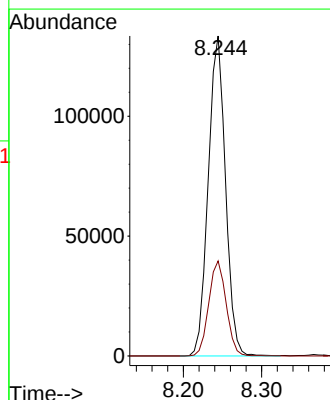
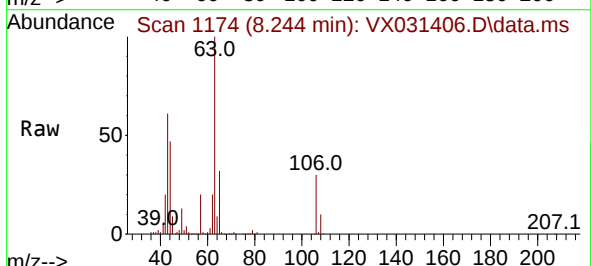
Acq: 16 Sep 2022 13:22

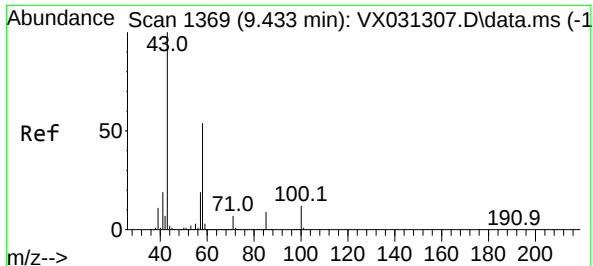
Tgt Ion: 63 Resp: 204122

Ion Ratio Lower Upper

63 100

106 30.0 22.6 34.0





#59

2-Hexanone

Concen: 237.169 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 327900

Ion Ratio Lower Upper

43 100

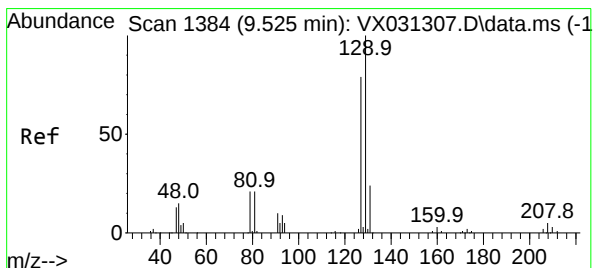
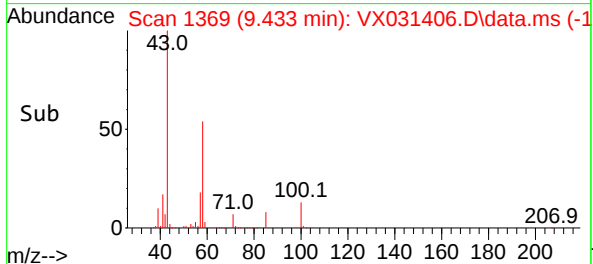
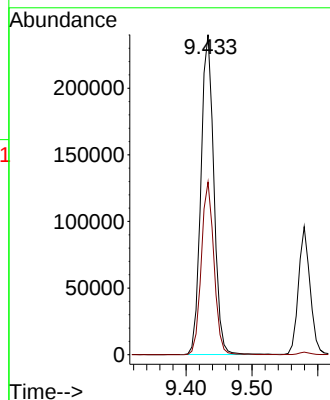
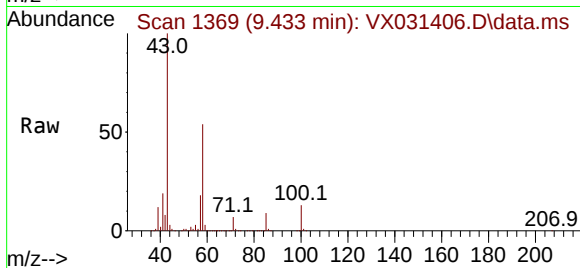
58 52.9 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#60

Dibromochloromethane

Concen: 54.242 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031406.D

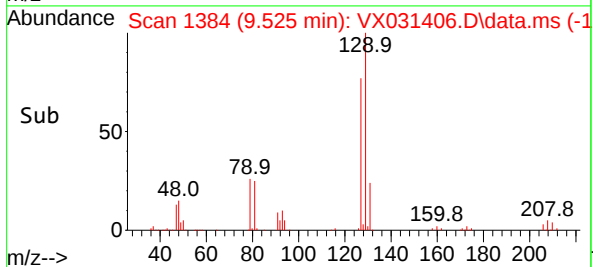
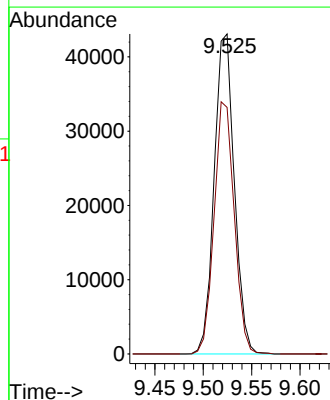
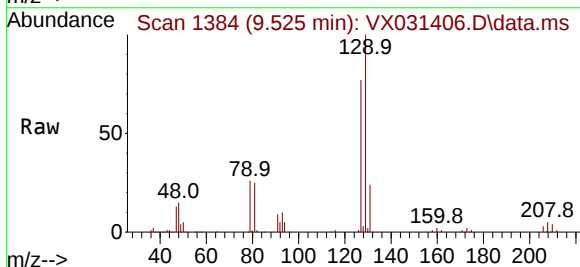
Acq: 16 Sep 2022 13:22

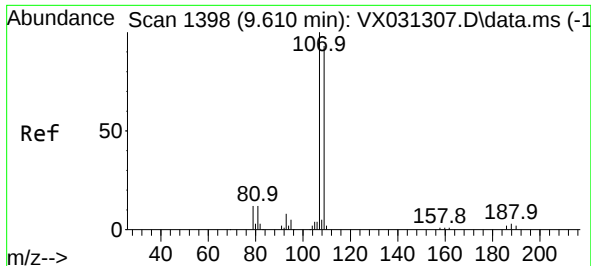
Tgt Ion:129 Resp: 62300

Ion Ratio Lower Upper

129 100

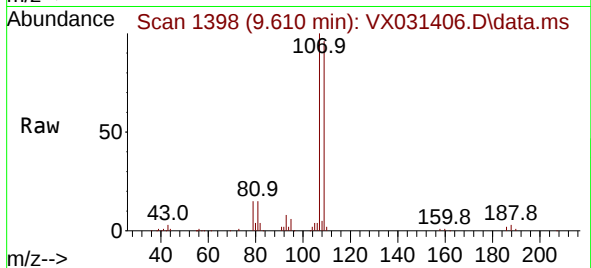
127 79.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 55.458 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

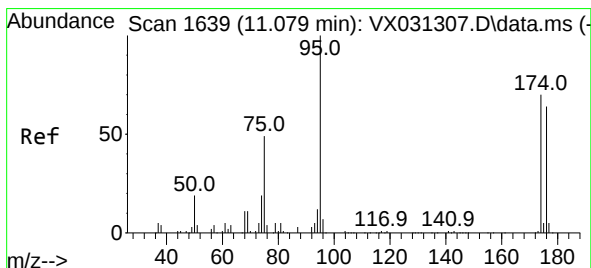
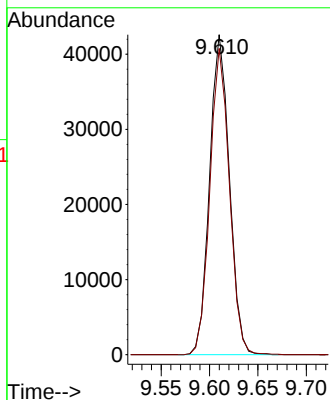
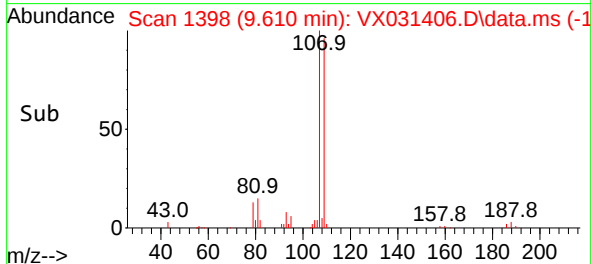
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



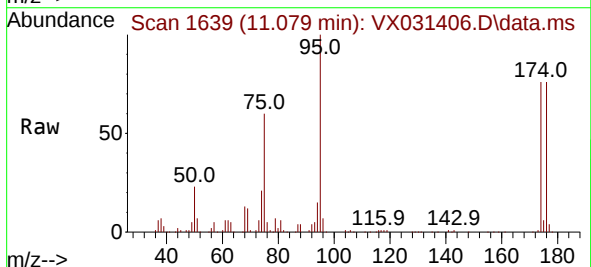
Tgt Ion:107 Resp: 60625
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4

Manual Integrations
APPROVED

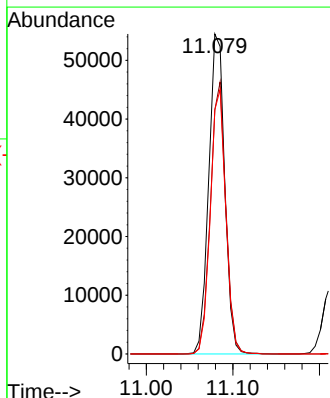
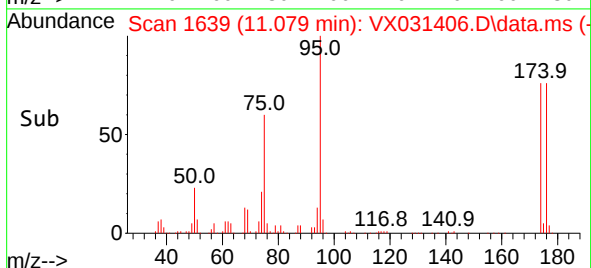
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

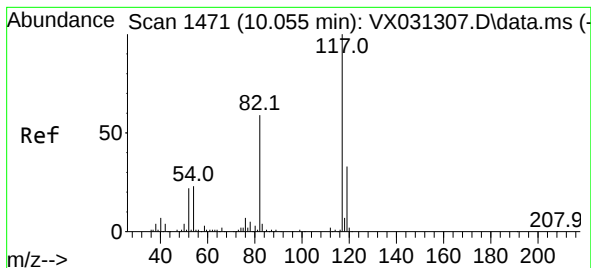


#62
4-Bromofluorobenzene
Concen: 52.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



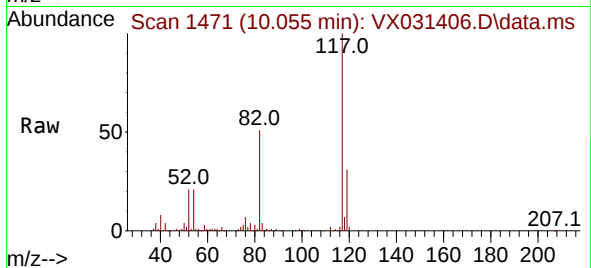
Tgt Ion: 95 Resp: 69829
Ion Ratio Lower Upper
95 100
174 82.0 0.0 153.2
176 79.8 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

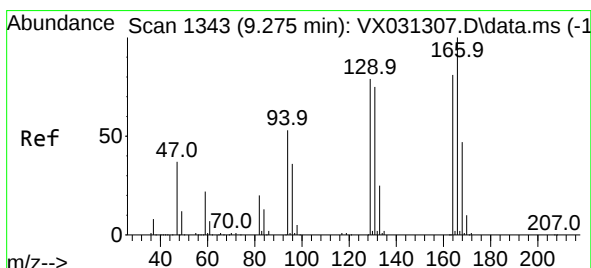
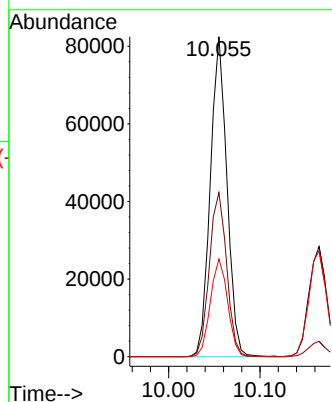
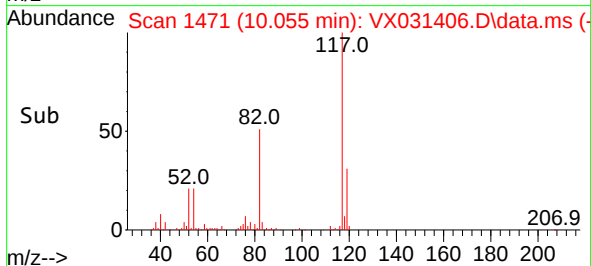
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 10406
Ion Ratio Lower Upper
117 100
82 51.3 46.8 70.2
119 30.5 26.4 39.6

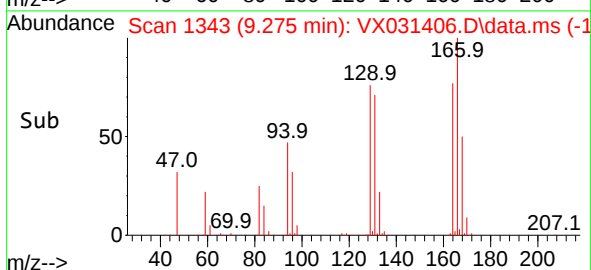
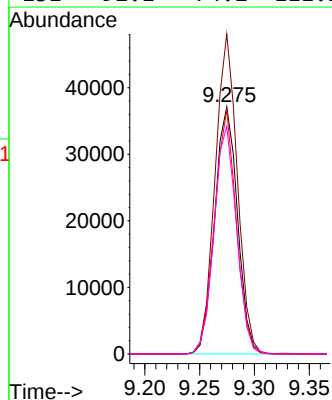
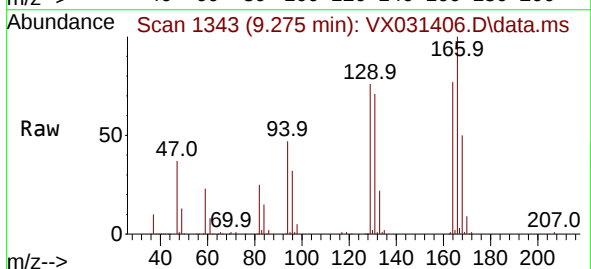
Manual Integrations
APPROVED

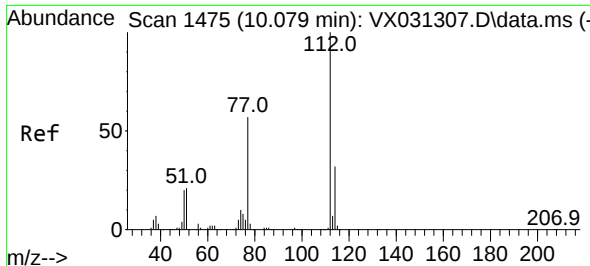
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Tetrachloroethene
Concen: 56.420 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

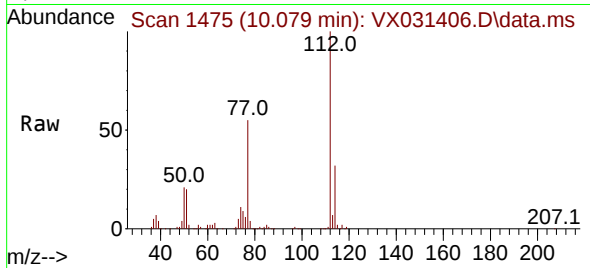
Tgt Ion:164 Resp: 53683
Ion Ratio Lower Upper
164 100
166 129.5 99.0 148.4
129 98.8 78.0 117.0
131 92.1 74.2 111.2





#65
Chlorobenzene
Concen: 54.479 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

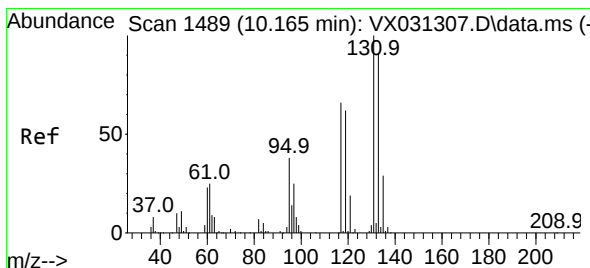
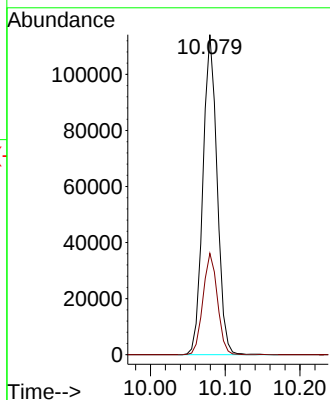
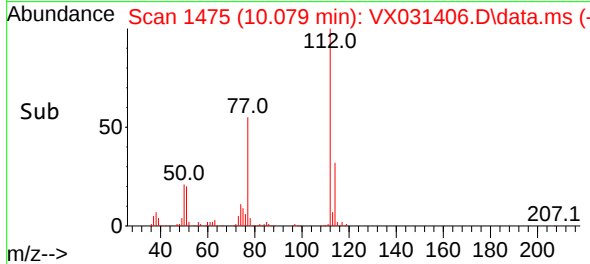
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



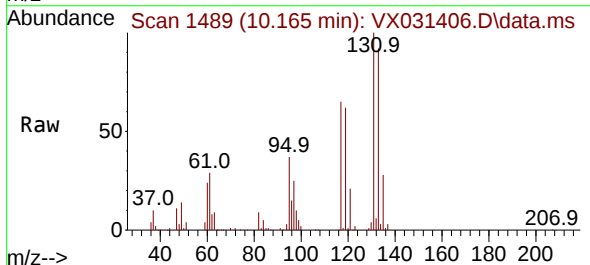
Tgt Ion:112 Resp: 15015
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

Manual Integrations
APPROVED

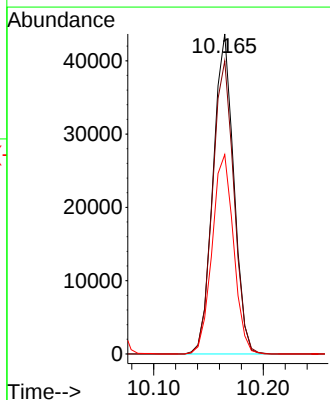
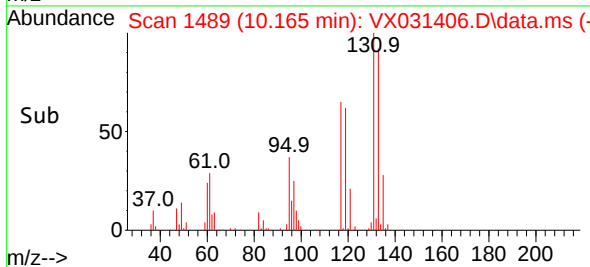
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

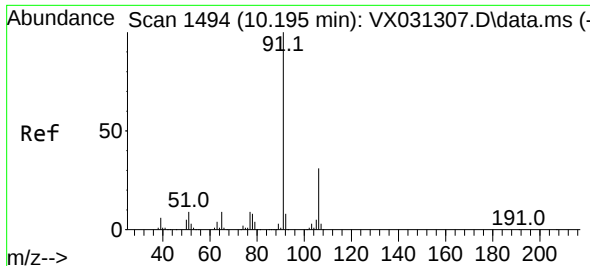


#66
1,1,1,2-Tetrachloroethane
Concen: 52.751 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



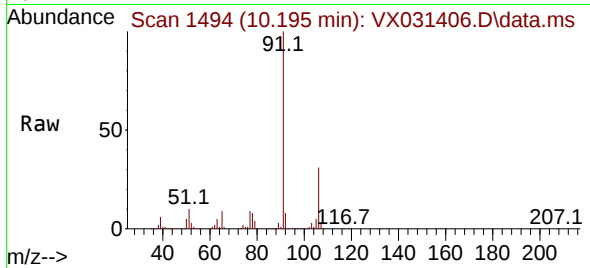
Tgt Ion:131 Resp: 57284
Ion Ratio Lower Upper
131 100
133 94.5 46.6 139.7
119 64.5 31.9 95.9





#67
Ethyl Benzene
Concen: 54.315 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

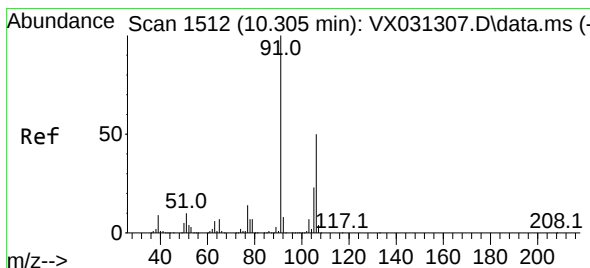
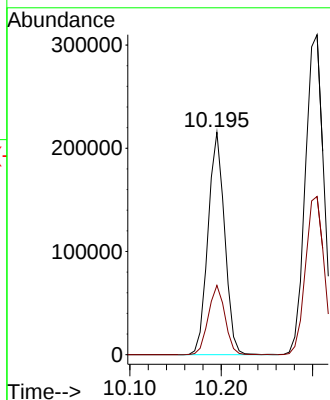
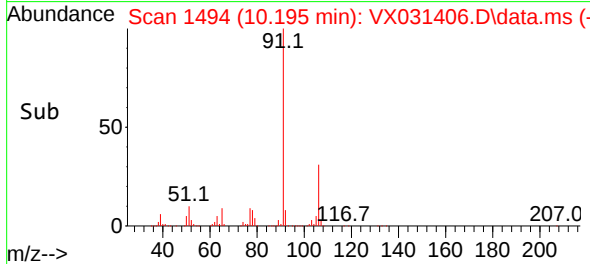
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



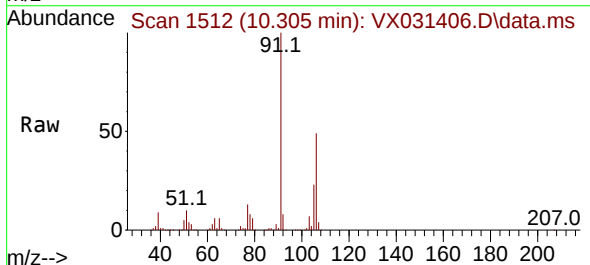
Tgt Ion: 91 Resp: 271152
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8

Manual Integrations
APPROVED

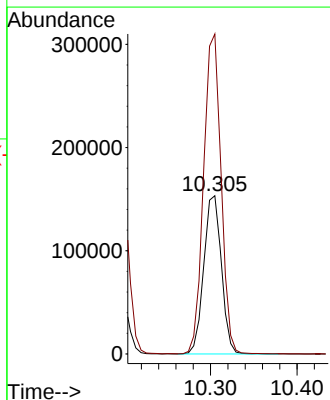
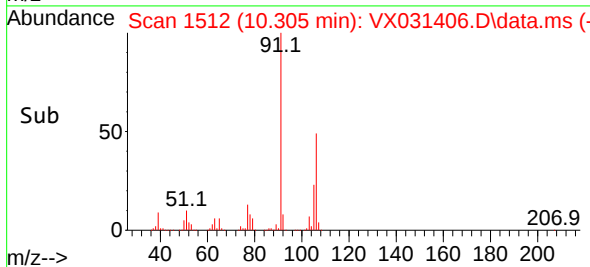
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

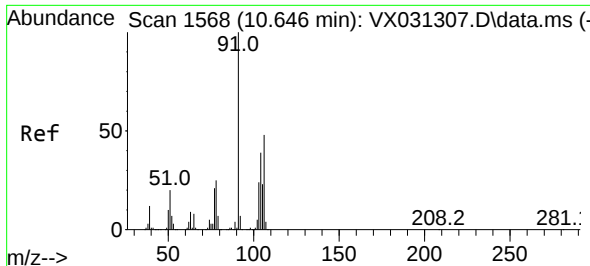


#68
m/p-Xylenes
Concen: 114.442 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion:106 Resp: 216935
Ion Ratio Lower Upper
106 100
91 200.5 161.0 241.4





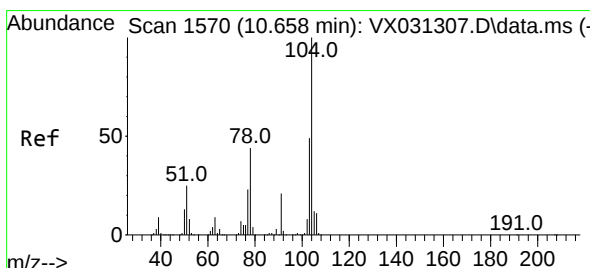
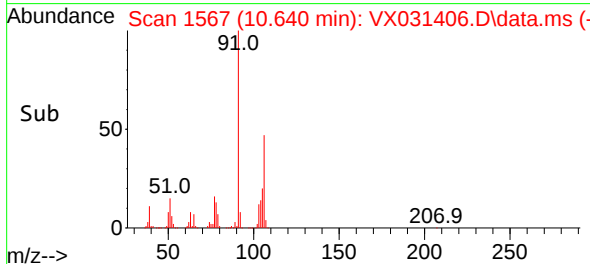
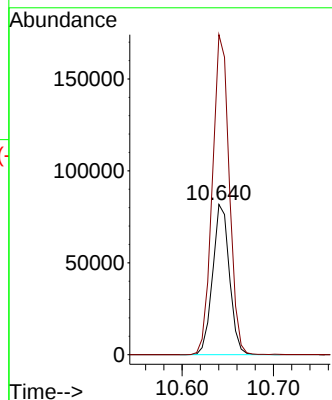
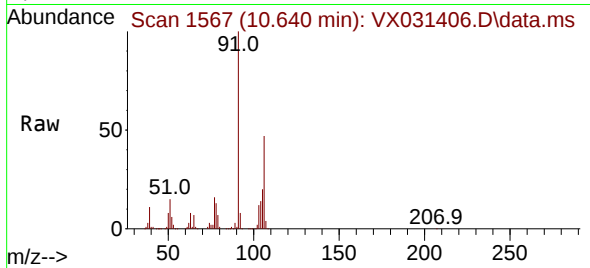
#69
o-Xylene
Concen: 53.968 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 103907
Ion Ratio Lower Upper
106 100
91 214.2 107.2 321.6

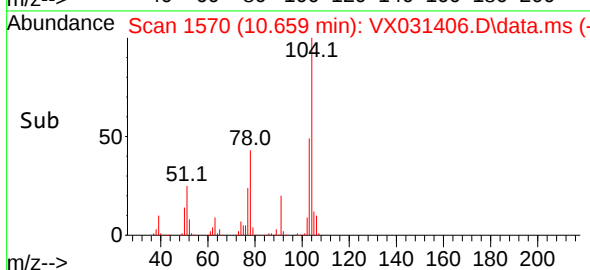
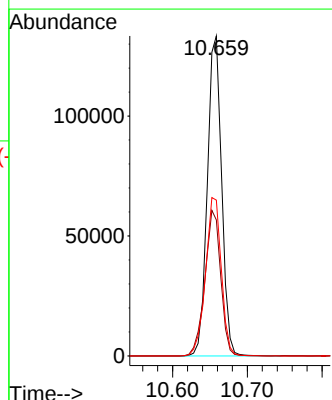
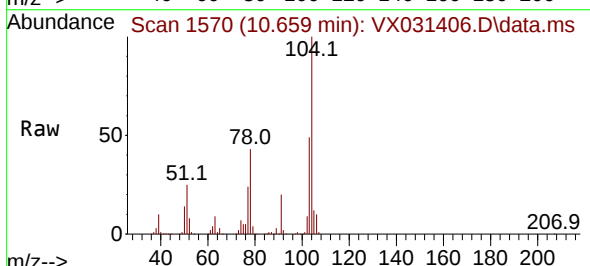
Manual Integrations
APPROVED

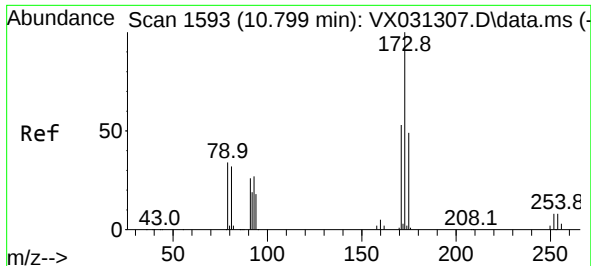
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Styrene
Concen: 56.485 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

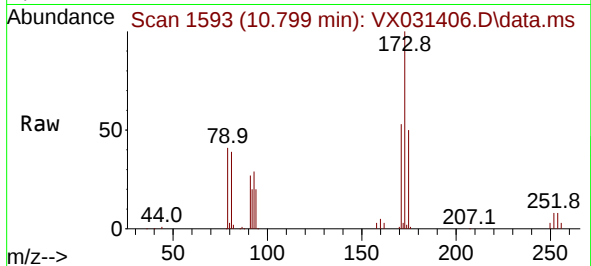
Tgt Ion:104 Resp: 176846
Ion Ratio Lower Upper
104 100
78 50.4 41.4 62.2
103 54.7 43.8 65.8





#71
Bromoform
Concen: 53.621 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

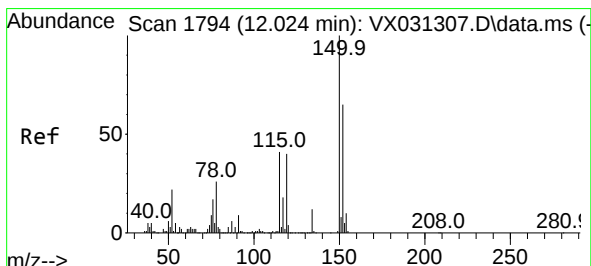
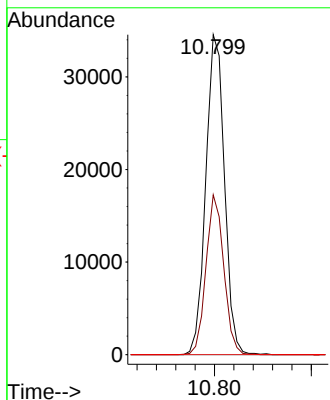
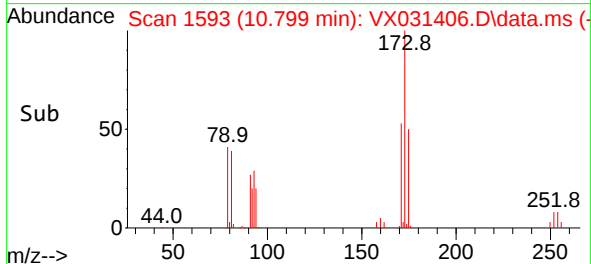
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



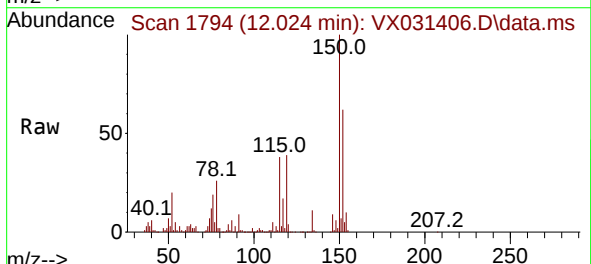
Tgt Ion:173 Resp: 46350
Ion Ratio Lower Upper
173 100
175 47.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

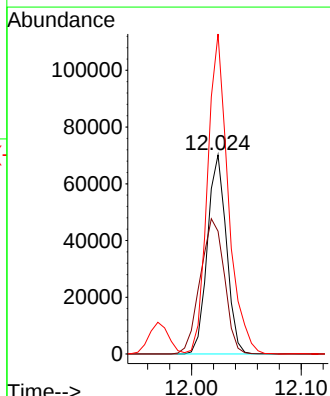
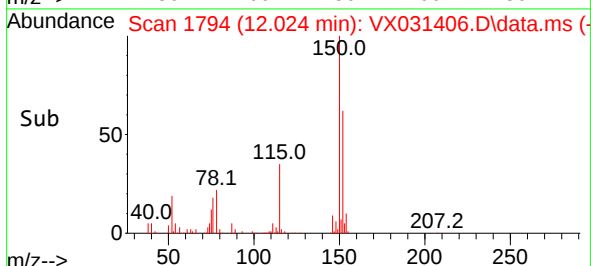
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

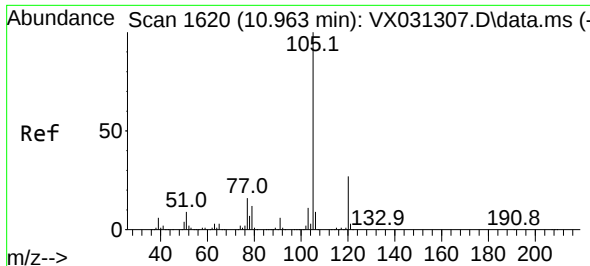


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



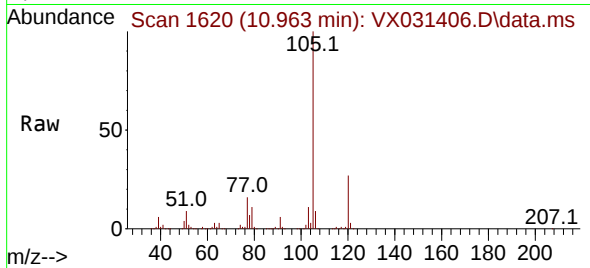
Tgt Ion:152 Resp: 84292
Ion Ratio Lower Upper
152 100
115 86.3 43.4 130.1
150 175.5 0.0 346.8





#73
Isopropylbenzene
Concen: 45.370 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

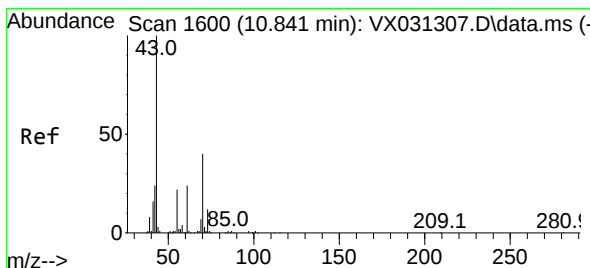
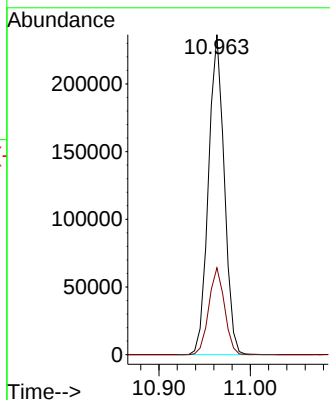
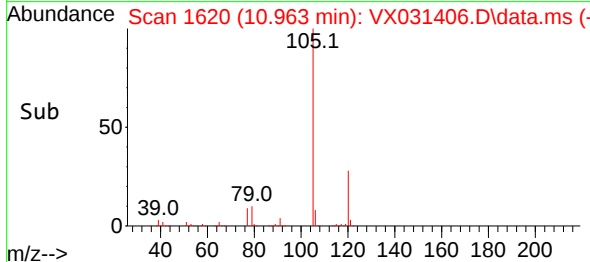
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



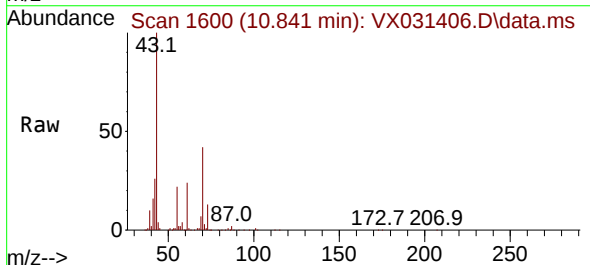
Tgt Ion:105 Resp: 282469
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0

Manual Integrations
APPROVED

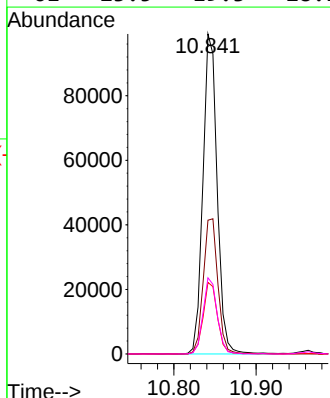
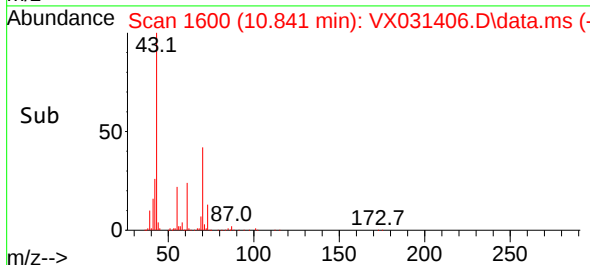
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

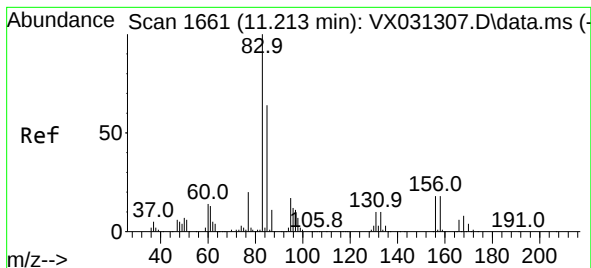


#74
N-ethyl acetate
Concen: 38.637 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



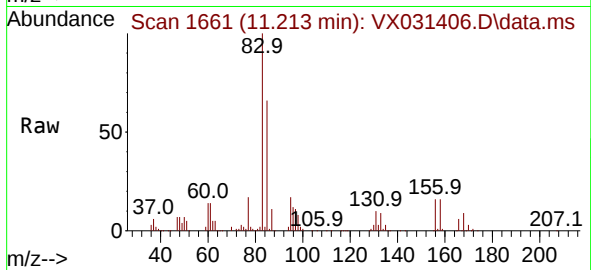
Tgt Ion: 43 Resp: 119586
Ion Ratio Lower Upper
43 100
70 43.3 33.4 50.2
55 22.4 18.2 27.2
61 23.5 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 41.408 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

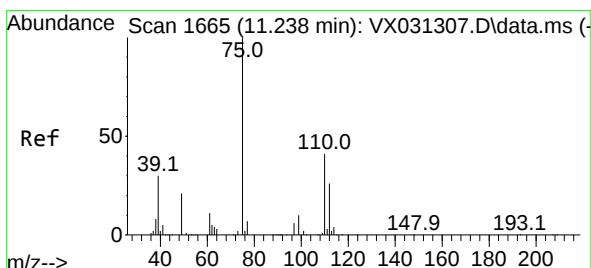
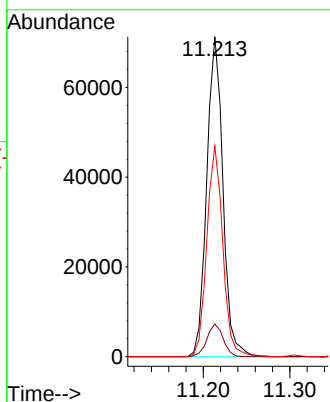
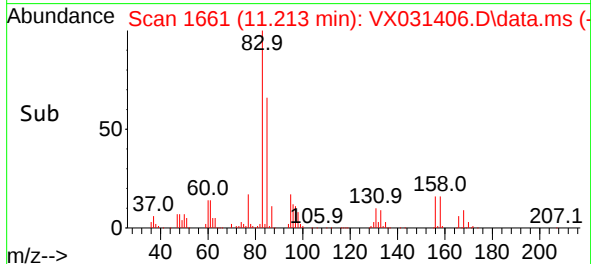
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



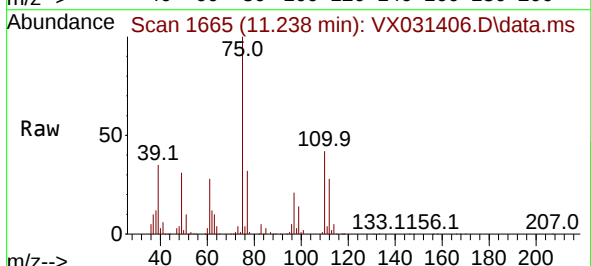
Tgt Ion: 83 Resp: 92648
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.9 32.6 97.8

Manual Integrations
APPROVED

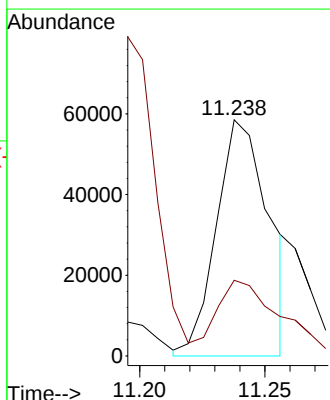
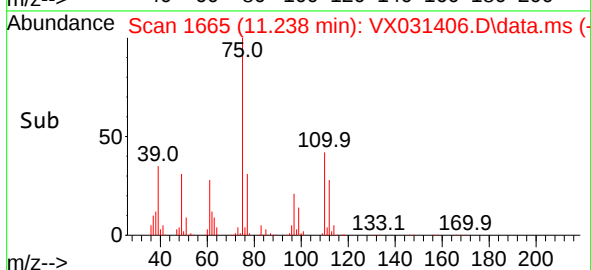
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

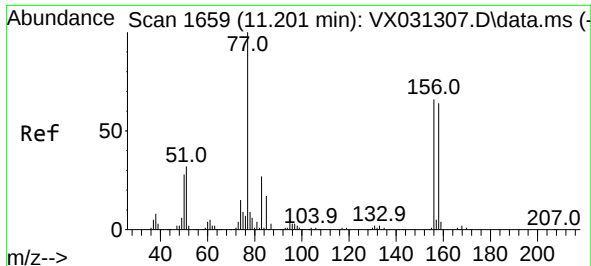


#76
1,2,3-Trichloropropane
Concen: 40.027 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



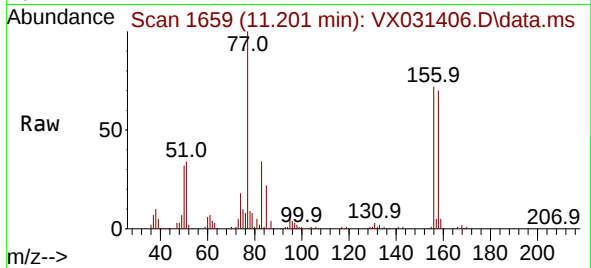
Tgt Ion: 75 Resp: 85025
Ion Ratio Lower Upper
75 100
77 39.7 20.3 60.9





#77
Bromobenzene
Concen: 47.258 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

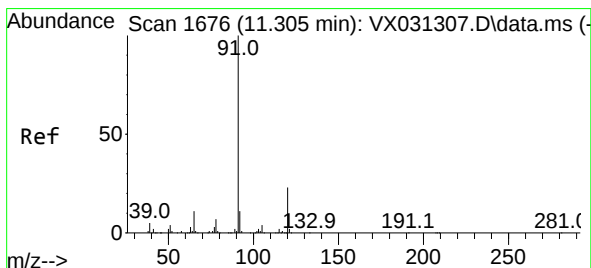
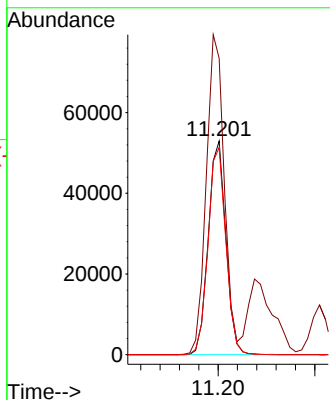
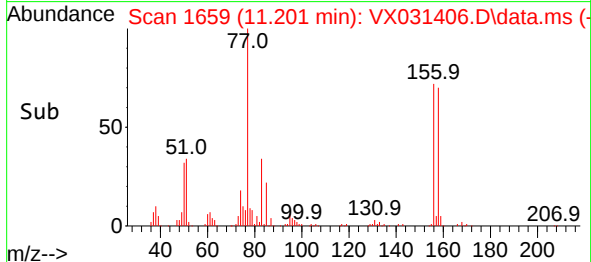
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



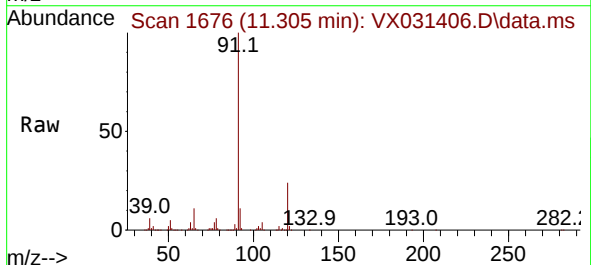
Tgt Ion:156 Resp: 67080
Ion Ratio Lower Upper
156 100
77 152.2 79.5 238.6
158 98.0 48.4 145.3

Manual Integrations
APPROVED

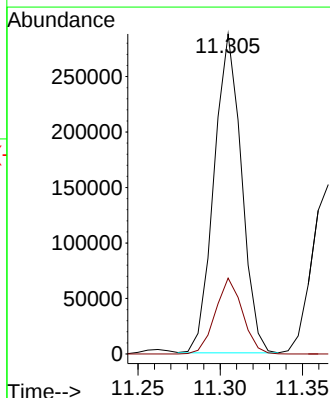
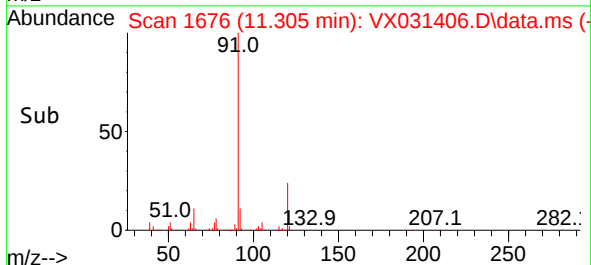
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

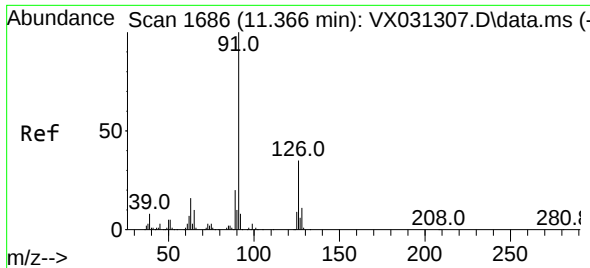


#78
n-propylbenzene
Concen: 45.691 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion: 91 Resp: 333842
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





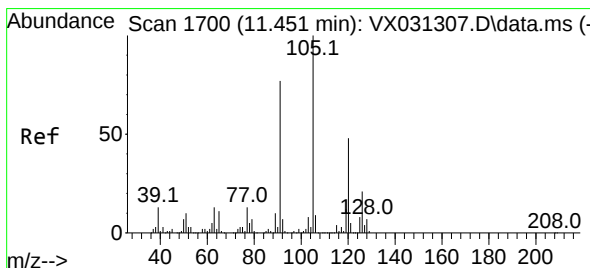
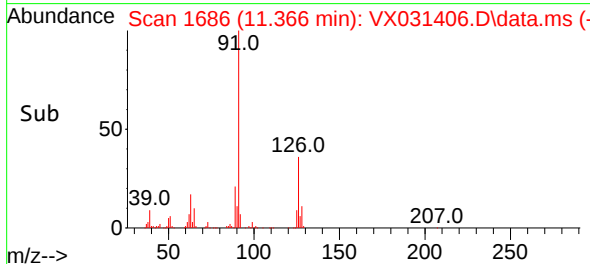
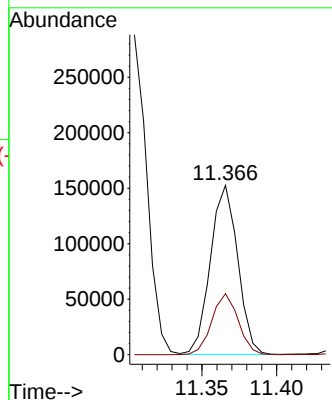
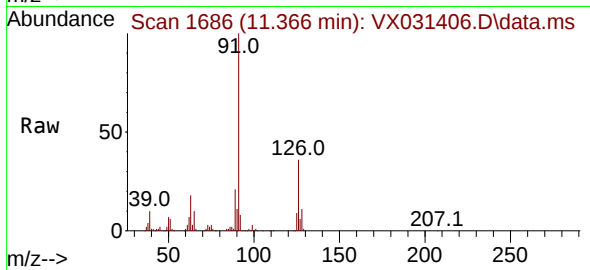
#79
2-Chlorotoluene
Concen: 43.210 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 193178
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3

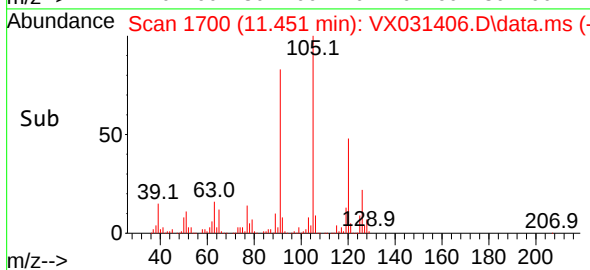
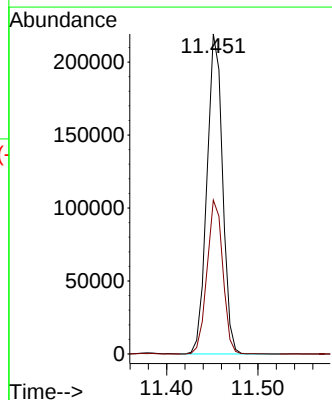
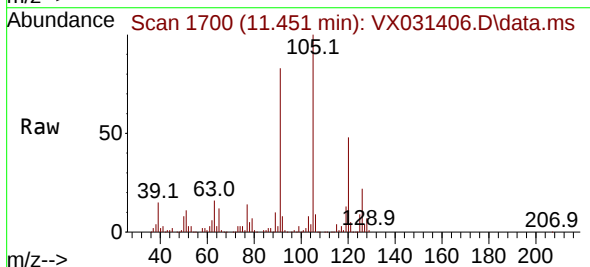
Manual Integrations
APPROVED

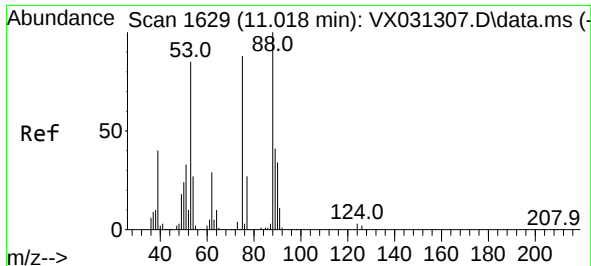
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.967 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

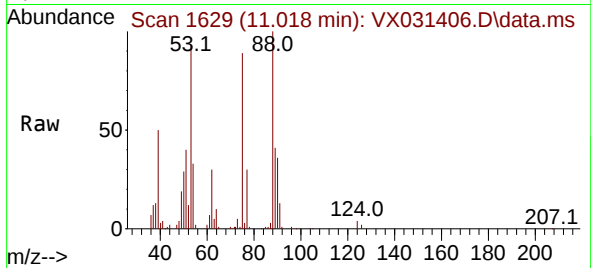
Tgt Ion:105 Resp: 260634
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 37.797 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

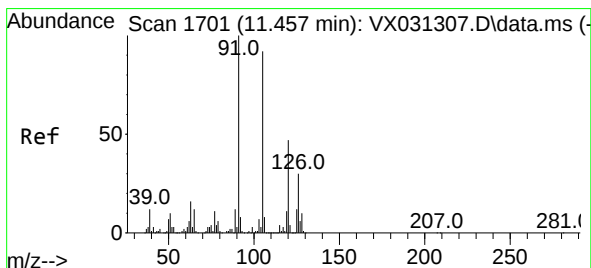
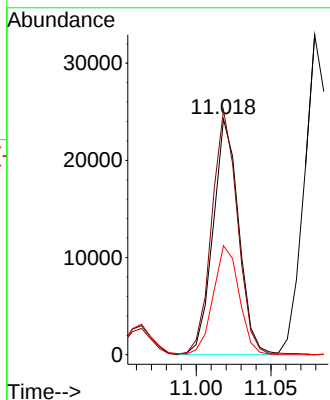
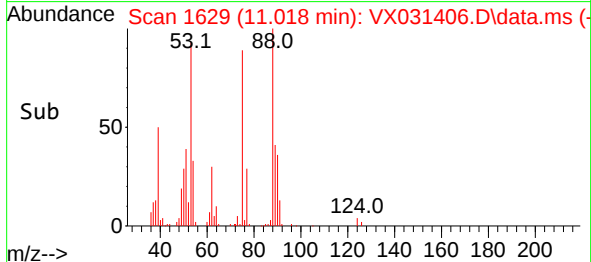
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.2	77.6	116.4
89	46.5	37.4	56.0

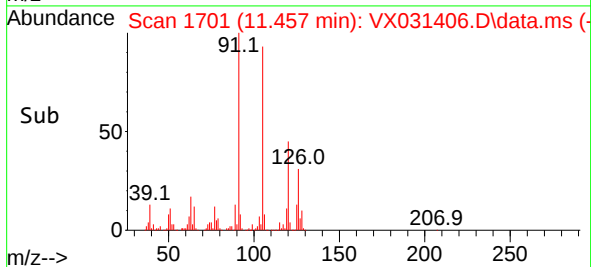
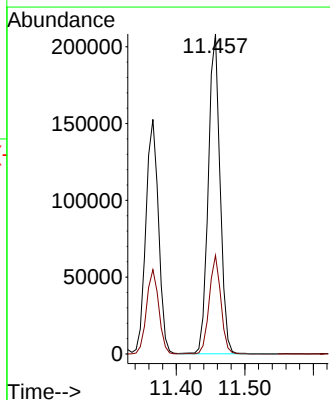
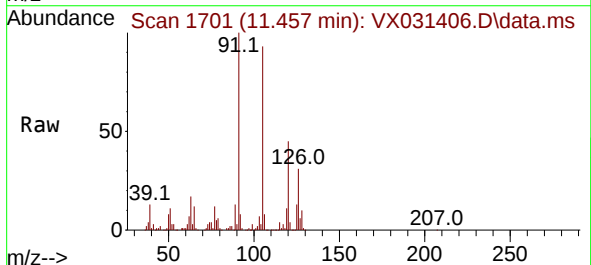
Manual Integrations
APPROVED

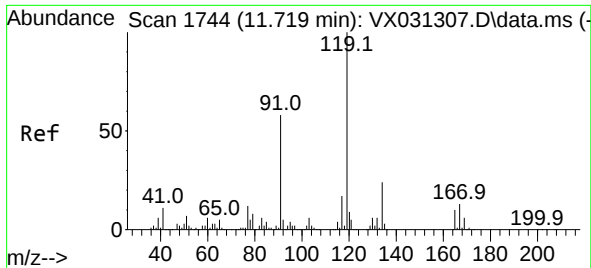
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 48.719 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

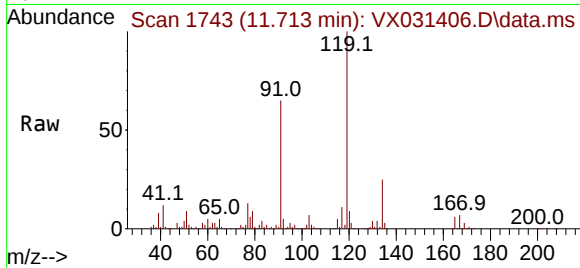
Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.1	45.3





#83
tert-Butylbenzene
Concen: 48.052 ug/l
RT: 11.713 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

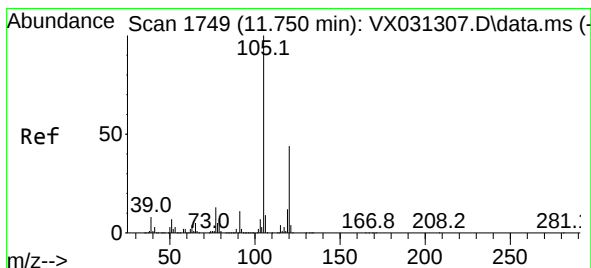
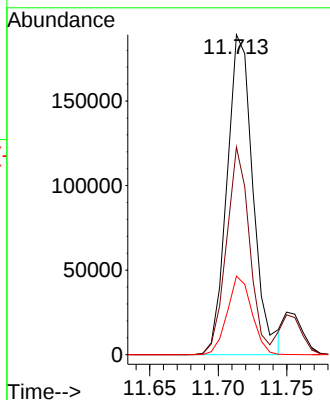
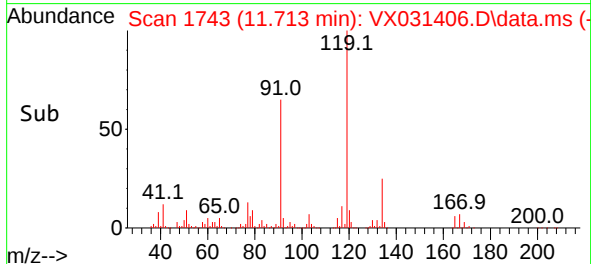
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



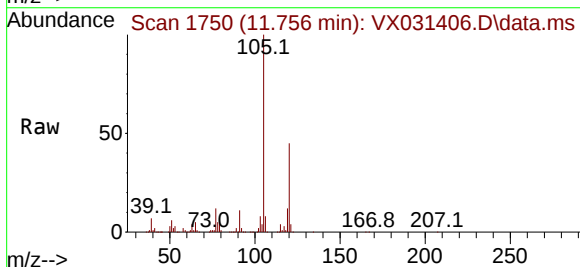
Tgt Ion:119 Resp: 250770
Ion Ratio Lower Upper
119 100
91 57.7 29.2 87.6
134 23.2 11.6 34.8

Manual Integrations
APPROVED

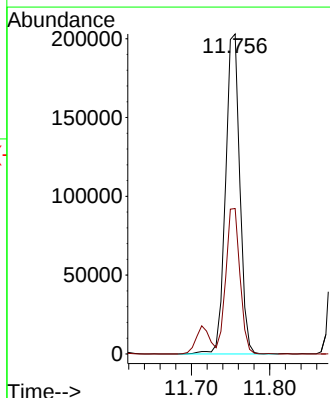
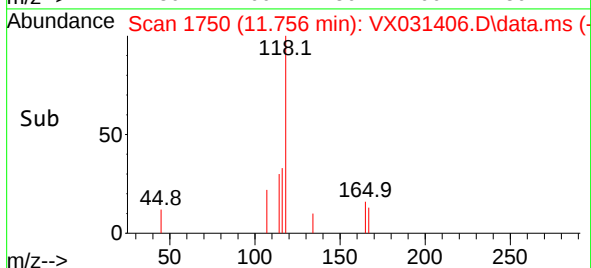
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

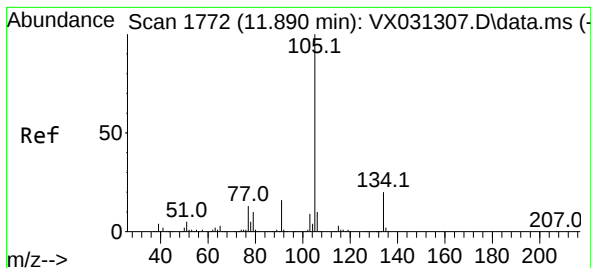


#84
1,2,4-Trimethylbenzene
Concen: 49.504 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion:105 Resp: 256644
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 49.840 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 32569

Ion Ratio Lower Upper

105 100

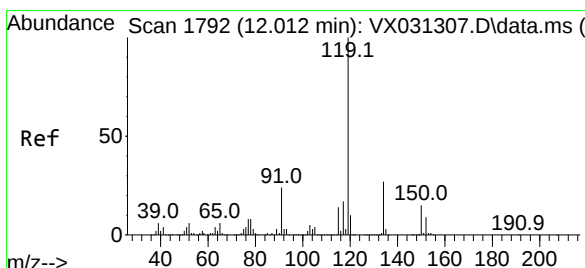
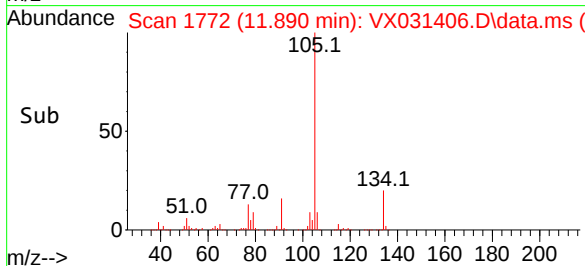
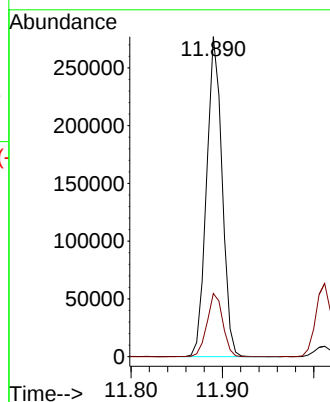
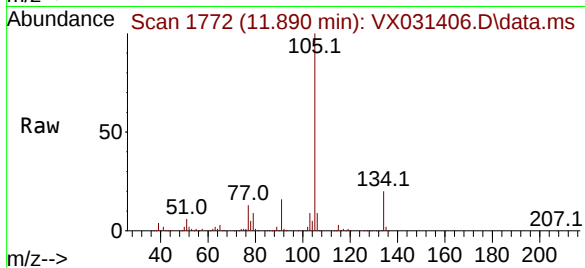
134 20.1 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#86

p-Isopropyltoluene

Concen: 53.315 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

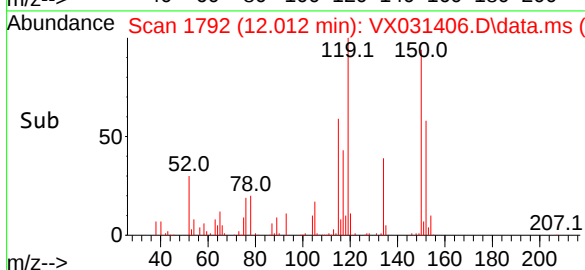
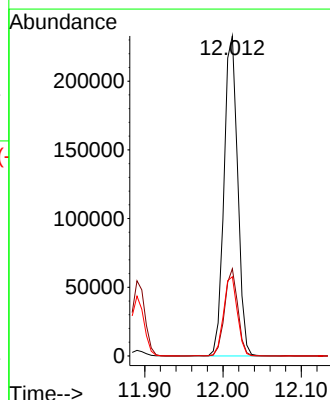
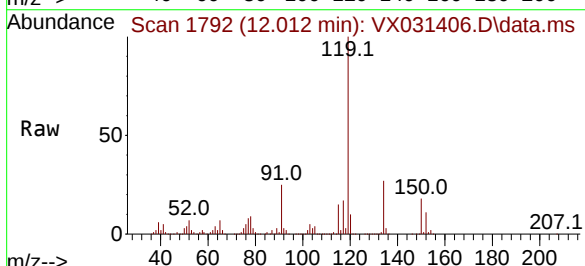
Tgt Ion:119 Resp: 283908

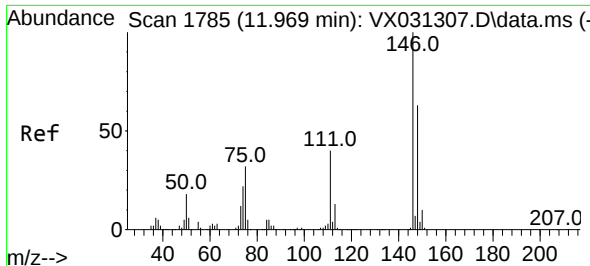
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

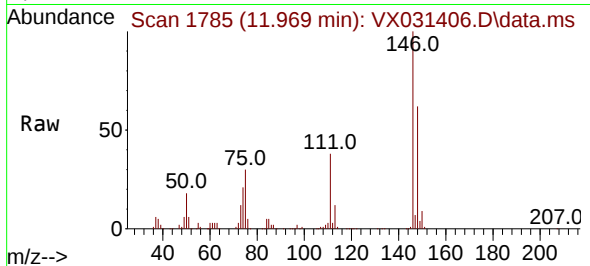
91 25.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.978 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

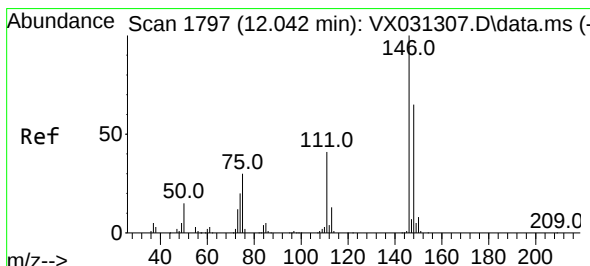
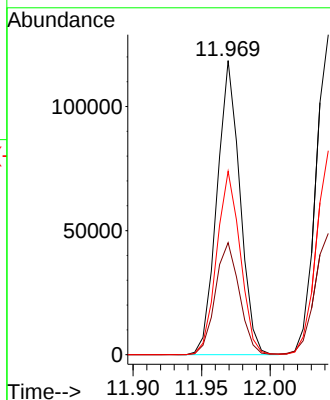
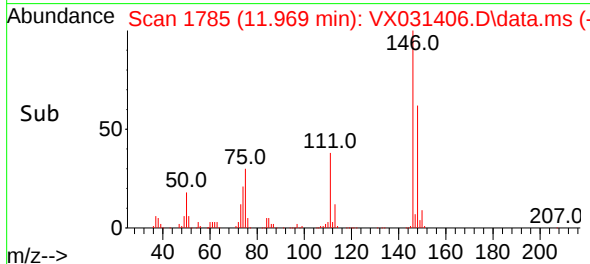
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



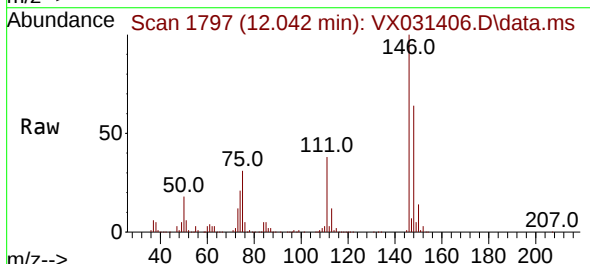
Tgt Ion:146 Resp: 137969
Ion Ratio Lower Upper
146 100
111 40.0 19.8 59.4
148 63.9 31.5 94.5

Manual Integrations
APPROVED

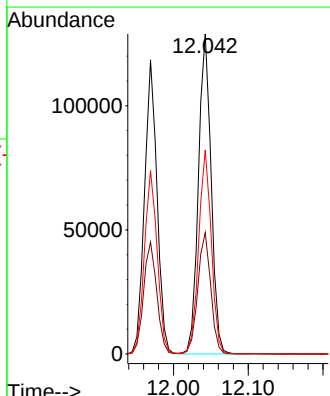
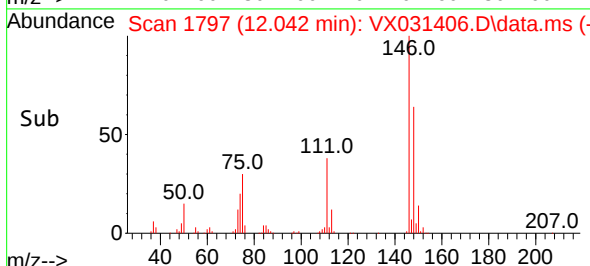
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,4-Dichlorobenzene
Concen: 54.630 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



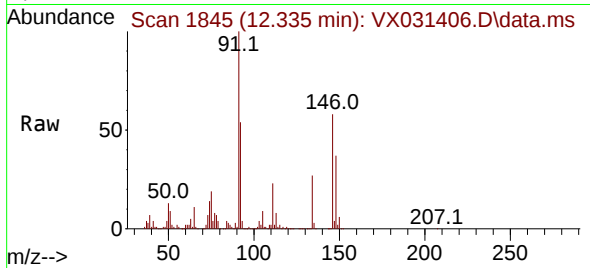
Tgt Ion:146 Resp: 151963
Ion Ratio Lower Upper
146 100
111 38.9 20.5 61.5
148 63.5 32.0 96.2





#89
n-Butylbenzene
Concen: 51.953 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

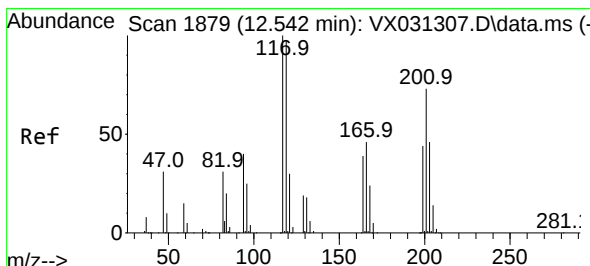
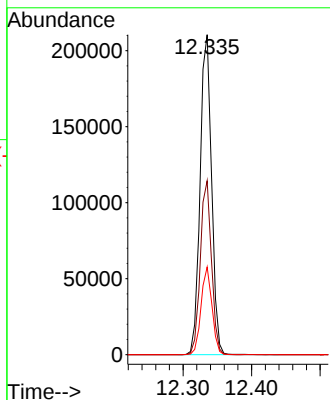
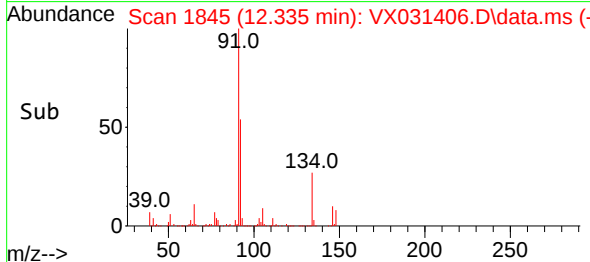
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 245328
Ion Ratio Lower Upper
91 100
92 53.0 27.0 81.0
134 26.1 13.3 39.9

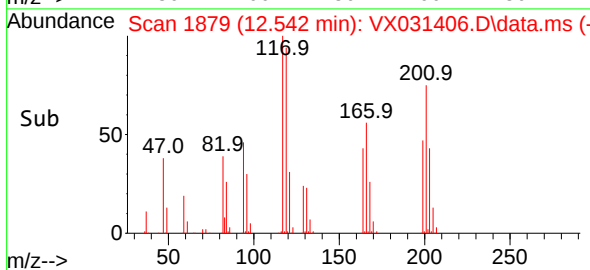
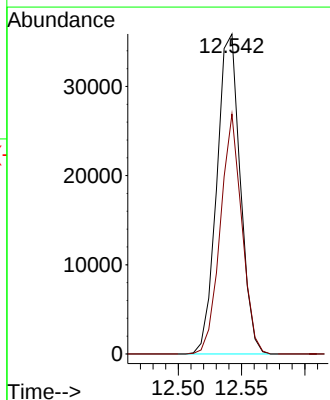
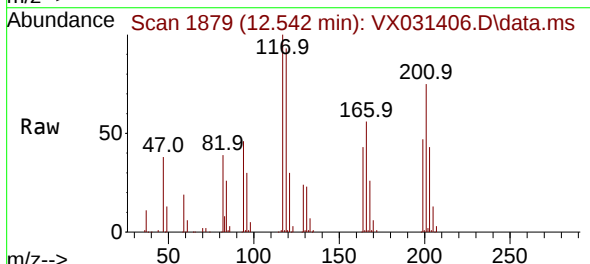
Manual Integrations
APPROVED

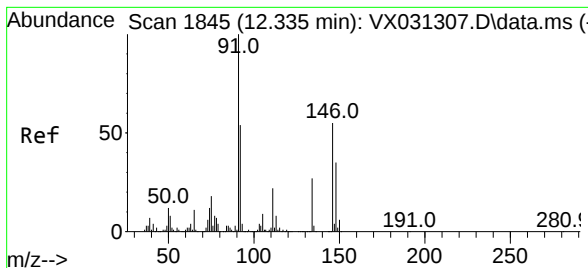
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachloroethane
Concen: 43.425 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

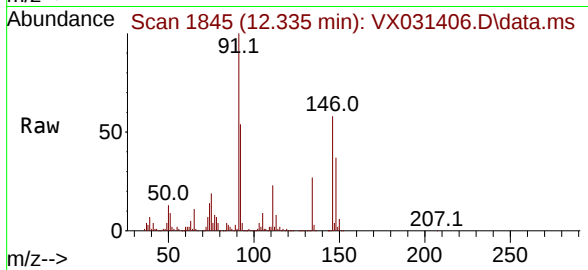
Tgt Ion:117 Resp: 46180
Ion Ratio Lower Upper
117 100
201 68.7 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 51.842 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

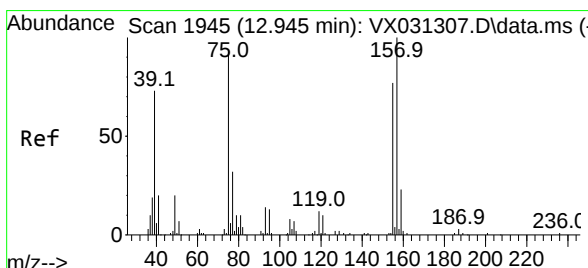
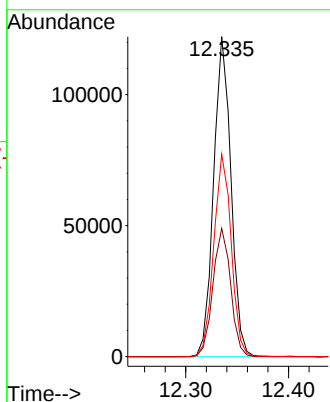
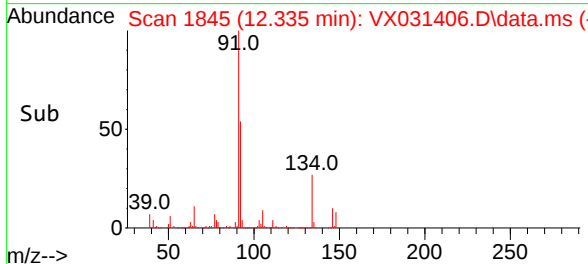
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



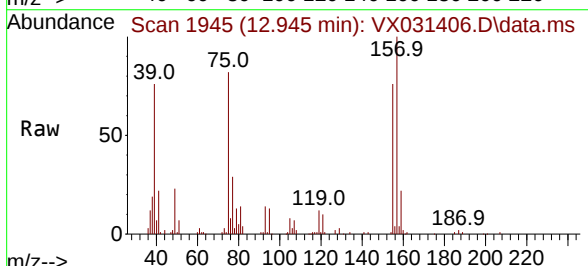
Tgt Ion:146 Resp: 14285
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.8
148 63.8 31.6 95.0

Manual Integrations
APPROVED

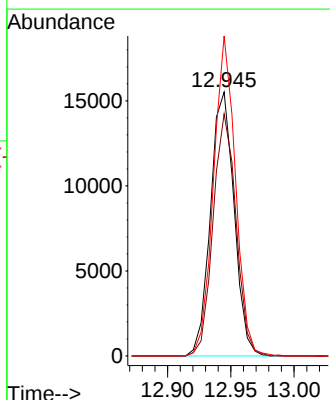
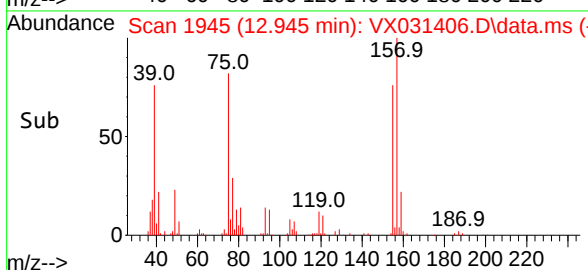
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

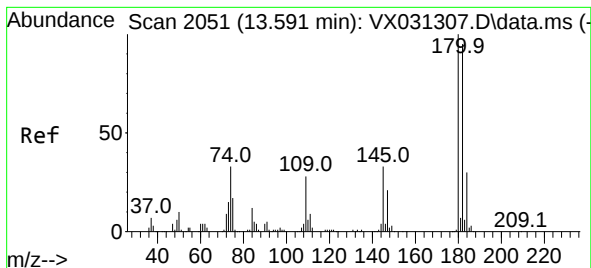


#92
1,2-Dibromo-3-Chloropropane
Concen: 38.783 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion: 75 Resp: 20122
Ion Ratio Lower Upper
75 100
155 89.2 40.3 120.8
157 112.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 53.106 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

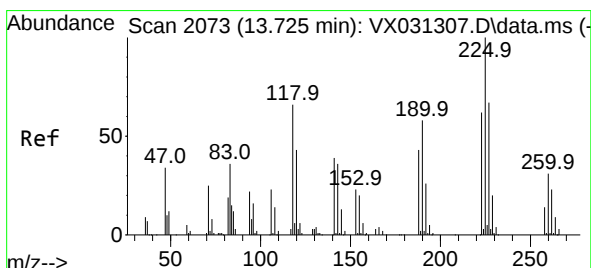
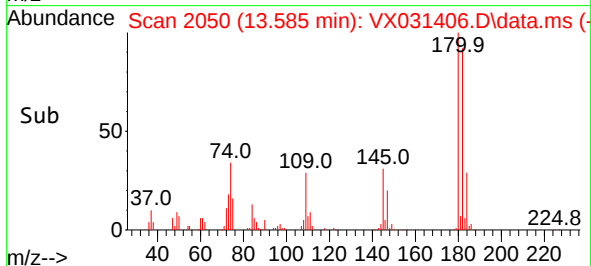
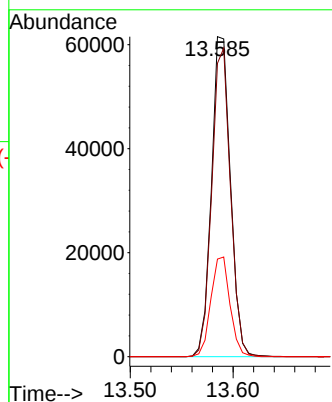
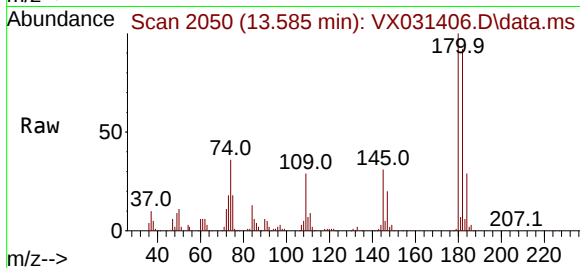
Tgt Ion:180	Resp:	79238
Ion Ratio	Lower	Upper
180	100	
182	95.0	46.9 140.6
145	31.4	16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#94

Hexachlorobutadiene

Concen: 49.695 ug/l

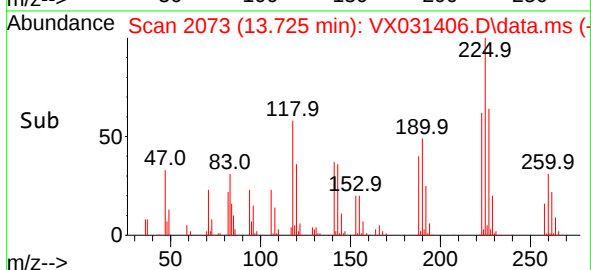
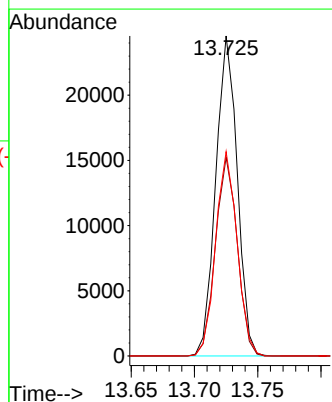
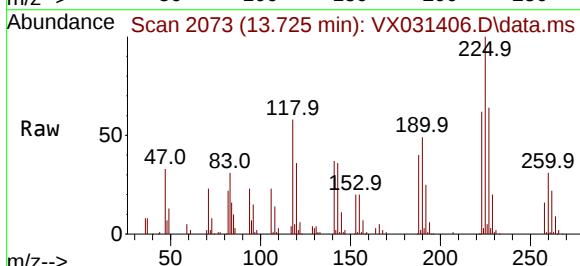
RT: 13.725 min Scan# 2073

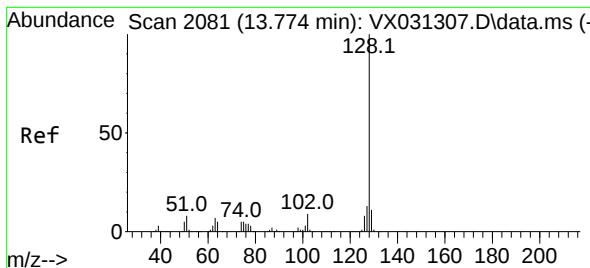
Delta R.T. 0.000 min

Lab File: VX031406.D

Acq: 16 Sep 2022 13:22

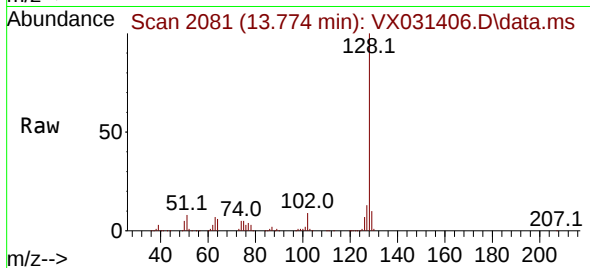
Tgt Ion:225	Resp:	28944
Ion Ratio	Lower	Upper
225	100	
223	63.0	30.8 92.4
227	63.9	32.3 96.9





#95
Naphthalene
Concen: 47.047 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22

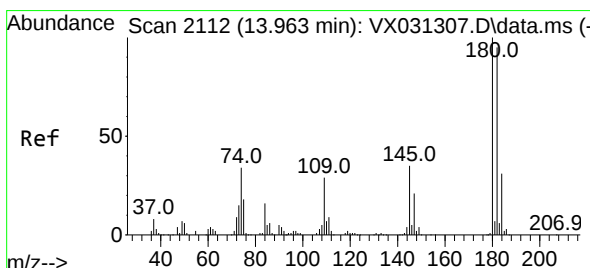
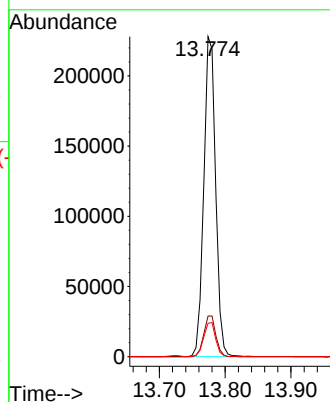
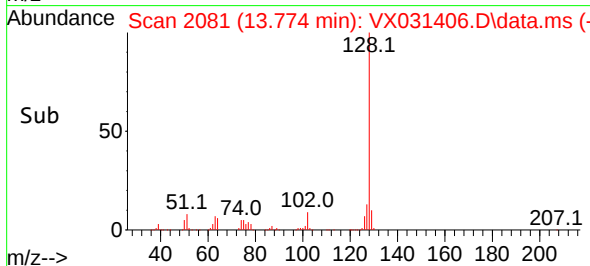
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



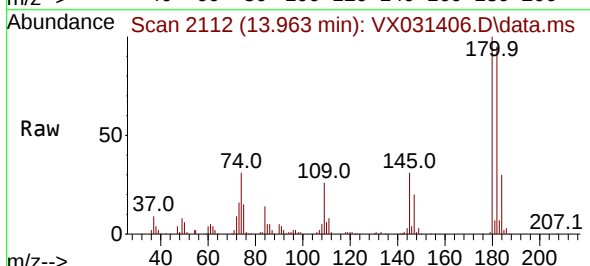
Tgt Ion:128 Resp: 28520
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.777 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031406.D
Acq: 16 Sep 2022 13:22



Tgt Ion:180 Resp: 81132
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.8
145 32.1 17.6 52.8

