

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031352.D
 Acq On : 15 Sep 2022 13:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 16 04:47:12 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	5.549	168	64546	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	99909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69769	44.038	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.080%			
35) Dibromofluoromethane	5.391	113	55016	51.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.460%			
50) Toluene-d8	8.652	98	216074	53.636	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.280%			
62) 4-Bromofluorobenzene	11.079	95	85245	57.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31491	45.185	ug/l	97
3) Chloromethane	1.288	50	46620	48.756	ug/l	98
4) Vinyl Chloride	1.373	62	59493	52.753	ug/l	99
5) Bromomethane	1.611	94	62352	73.726	ug/l	98
6) Chloroethane	1.684	64	68721	76.770	ug/l	98
7) Trichlorofluoromethane	1.885	101	146005	70.626	ug/l	100
8) Diethyl Ether	2.135	74	52301	64.421	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.324	101	48276	49.383	ug/l	94
10) Methyl Iodide	2.452	142	57342	54.884	ug/l	99
11) Tert butyl alcohol	3.001	59	79832	239.830	ug/l	97
12) 1,1-Dichloroethene	2.318	96	43601	48.383	ug/l	91
13) Acrolein	2.239	56	33152	181.331	ug/l	97
14) Allyl chloride	2.666	41	77686	39.023	ug/l	98
15) Acrylonitrile	3.068	53	157679	215.786	ug/l	99
16) Acetone	2.391	43	134766m	199.256	ug/l	
17) Carbon Disulfide	2.507	76	104305	48.398	ug/l	100
18) Methyl Acetate	2.708	43	81614	40.693	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	181190	43.417	ug/l	100
20) Methylene Chloride	2.788	84	53576	50.537	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	50719	50.082	ug/l	97
22) Diisopropyl ether	3.763	45	179053	42.980	ug/l	96
23) Vinyl Acetate	3.727	43	789990	228.179	ug/l	98
24) 1,1-Dichloroethane	3.611	63	95026	43.464	ug/l	98
25) 2-Butanone	4.568	43	226910	203.397	ug/l	98
26) 2,2-Dichloropropane	4.476	77	83192	40.107	ug/l	98
27) cis-1,2-Dichloroethene	4.482	96	62550	47.122	ug/l	92
28) Bromochloromethane	4.903	49	42838	42.037	ug/l	94
29) Tetrahydrofuran	5.013	42	145239	210.179	ug/l	96
30) Chloroform	5.092	83	107500	46.433	ug/l	98
31) Cyclohexane	5.470	56	79264	46.568	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	93828	45.230	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73179	49.783	ug/l	98
37) Ethyl Acetate	4.714	43	87150	45.116	ug/l	99
38) Carbon Tetrachloride	5.677	117	82146	51.411	ug/l	99
39) Methylcyclohexane	7.384	83	87770	54.218	ug/l	95
40) Benzene	6.037	78	219515	52.004	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	47506	45.397	ug/l	99
42) 1,2-Dichloroethane	6.086	62	88133	51.763	ug/l	100
43) Isopropyl Acetate	6.342	43	148238	44.957	ug/l	99
44) Trichloroethene	7.128	130	59613	55.391	ug/l	94
45) 1,2-Dichloropropane	7.433	63	55684	48.186	ug/l	95
46) Dibromomethane	7.580	93	43363	52.913	ug/l	95
47) Bromodichloromethane	7.823	83	84438	49.537	ug/l	100
48) Methyl methacrylate	7.695	41	65752	43.805	ug/l	93
49) 1,4-Dioxane	7.701	88	32269	1071.975	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	491362	245.162	ug/l	100
52) Toluene	8.720	92	154254	57.769	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	94007	49.008	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	94331	47.853	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	63269	53.676	ug/l	98
56) Ethyl methacrylate	9.116	69	96217	50.425	ug/l	97
57) 1,3-Dichloropropane	9.311	76	103184	50.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	208053	234.017	ug/l	97
59) 2-Hexanone	9.433	43	387072	253.039	ug/l	99
60) Dibromochloromethane	9.524	129	71878	56.563	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69946	57.831	ug/l	99
64) Tetrachloroethene	9.274	164	58886	55.963	ug/l	95
65) Chlorobenzene	10.079	112	168635	55.326	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	63846	53.165	ug/l	99
67) Ethyl Benzene	10.195	91	302189	54.737	ug/l	99
68) m/p-Xylenes	10.305	106	257373	122.776	ug/l	99
69) o-Xylene	10.640	106	121099	56.876	ug/l	99
70) Styrene	10.658	104	212029	61.239	ug/l	99
71) Bromoform	10.798	173	54176	56.667	ug/l #	100
73) Isopropylbenzene	10.963	105	326597	43.003	ug/l	99
74) N-amyl acetate	10.841	43	142429	37.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110043	40.318	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	102378m	39.510	ug/l	
77) Bromobenzene	11.201	156	75350	43.512	ug/l	99
78) n-propylbenzene	11.304	91	389277	43.675	ug/l	100
79) 2-Chlorotoluene	11.365	91	234048	42.916	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	303631	47.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35457	37.863	ug/l	97
82) 4-Chlorotoluene	11.457	91	293779	46.997	ug/l	100
83) tert-Butylbenzene	11.713	119	297307	46.701	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	302995	47.910	ug/l	99
85) sec-Butylbenzene	11.890	105	377749	47.387	ug/l	100
86) p-Isopropyltoluene	12.012	119	327664	50.442	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160587	48.640	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	174711	51.488	ug/l	99
89) n-Butylbenzene	12.335	91	287393	49.892	ug/l	99
90) Hexachloroethane	12.542	117	54560	42.058	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	165212	49.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	24676	38.999	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	85748	47.111	ug/l	98
94) Hexachlorobutadiene	13.725	225	32255	45.398	ug/l	98
95) Naphthalene	13.774	128	317377	42.919	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85972	44.108	ug/l	98

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

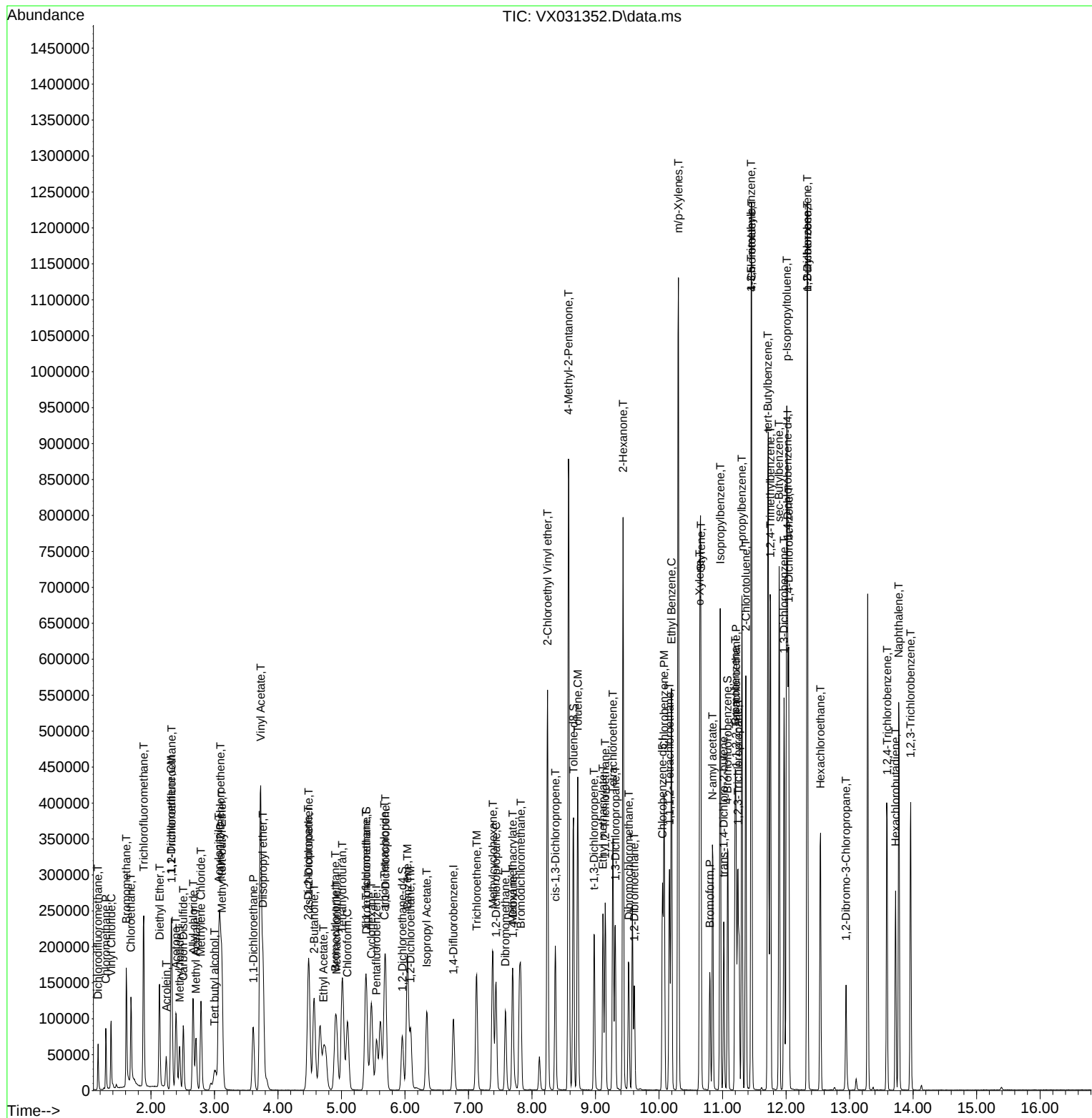
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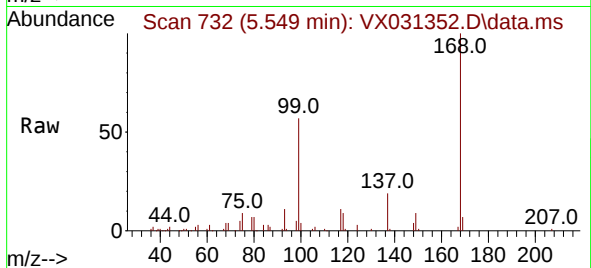
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

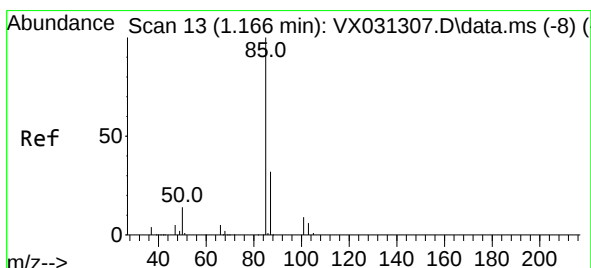
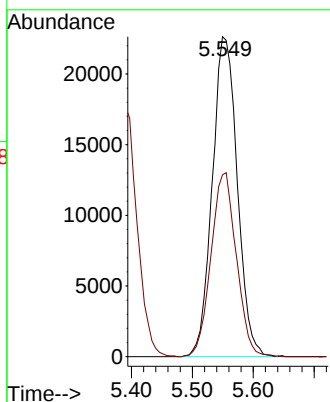
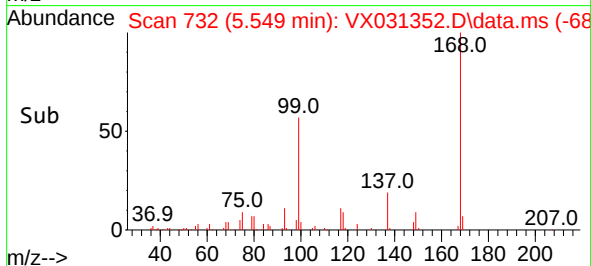
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VSTDCCC050



Tgt Ion:168 Resp: 64540
Ion Ratio Lower Upper
168 100
99 56.9 48.8 73.2

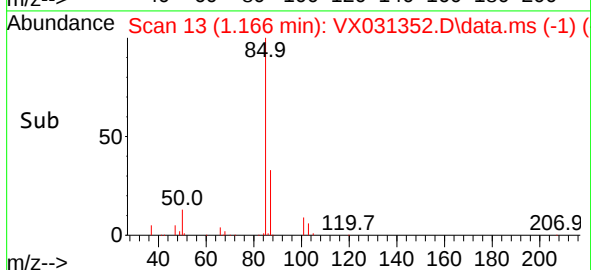
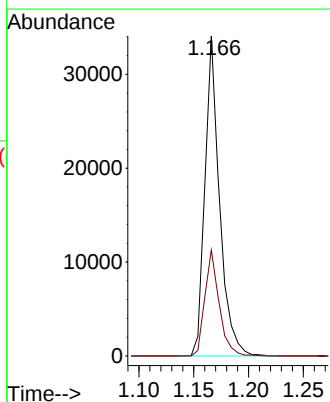
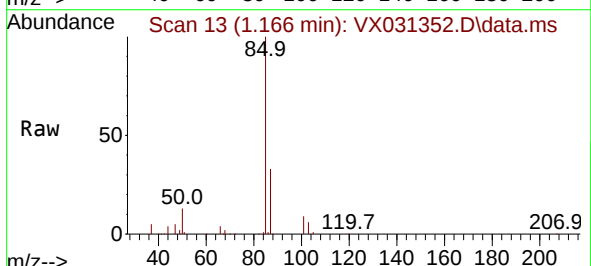
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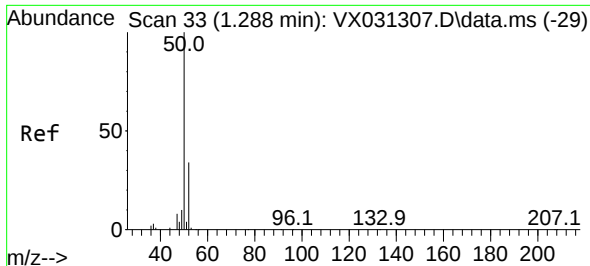
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 45.185 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

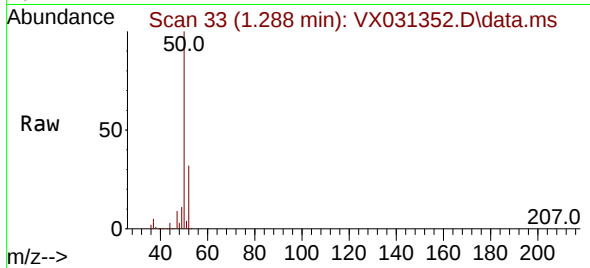
Tgt Ion: 85 Resp: 31491
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





#3
Chloromethane
Concen: 48.756 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

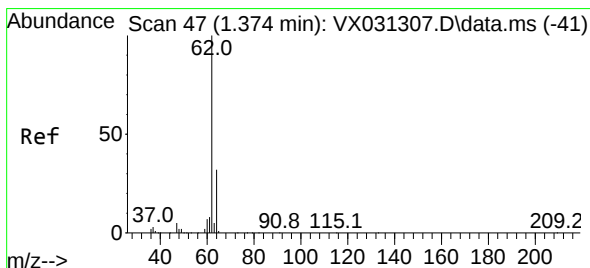
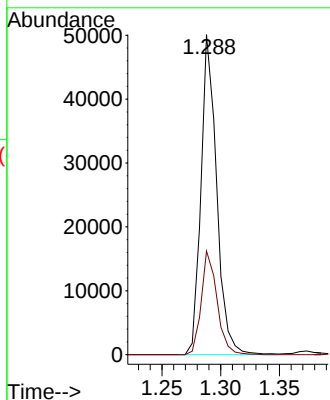
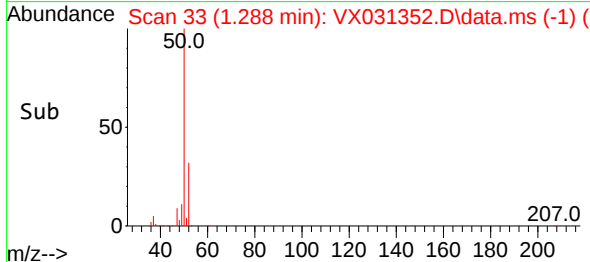
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 46620
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3

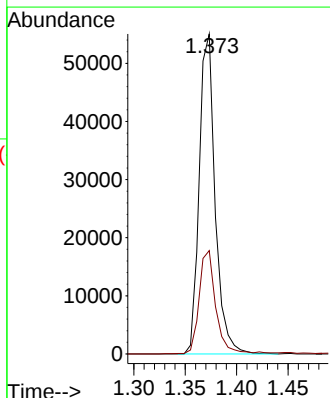
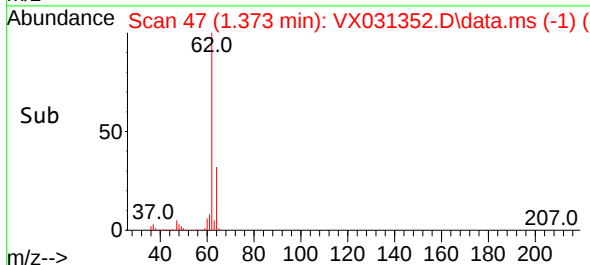
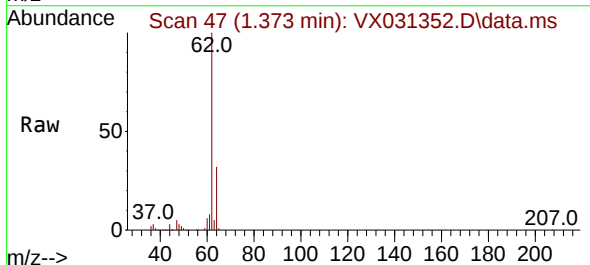
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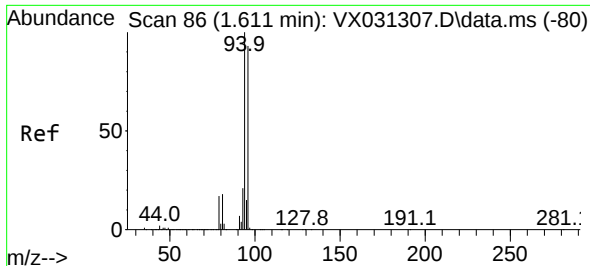
Reviewed By :John Carlone 09/16/2022
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#4
Vinyl Chloride
Concen: 52.753 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

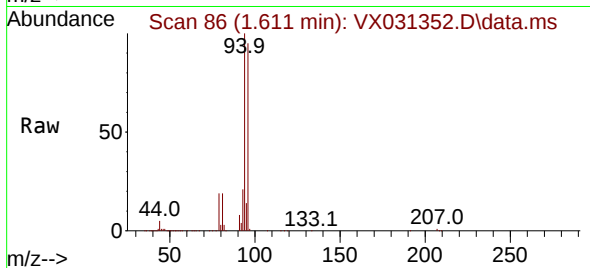
Tgt Ion: 62 Resp: 59493
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5
Bromomethane
Concen: 73.726 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

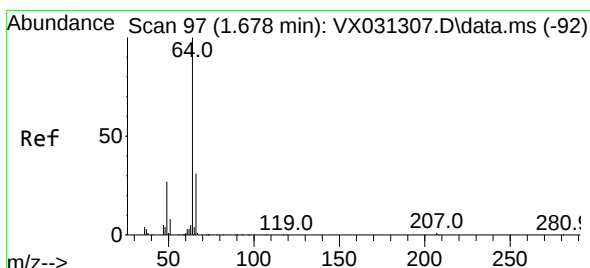
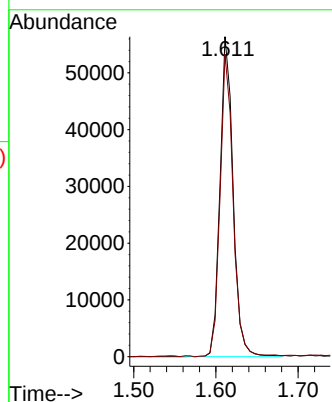
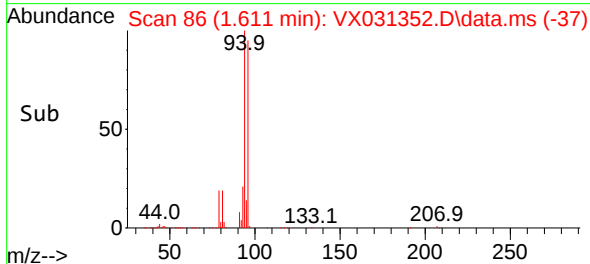
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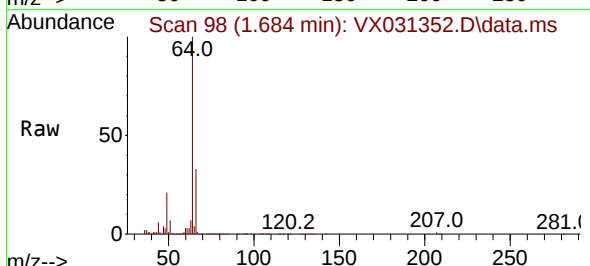
Tgt Ion: 94 Resp: 62352
Ion Ratio Lower Upper
94 100
96 94.5 74.4 111.6

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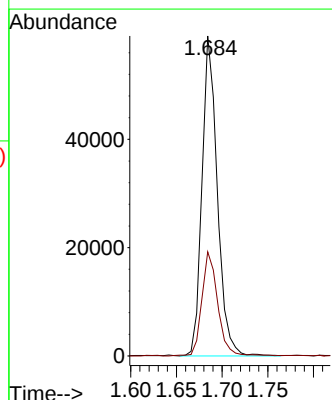
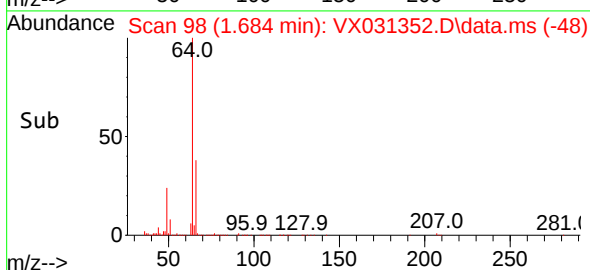
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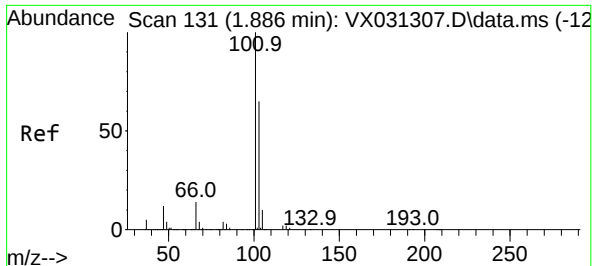


#6
Chloroethane
Concen: 76.770 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



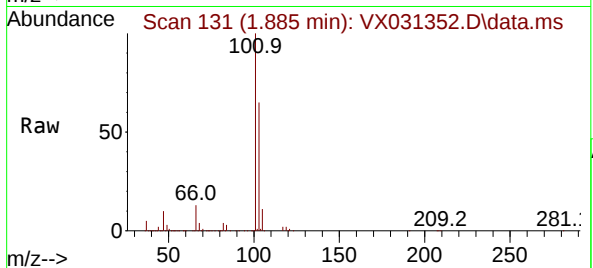
Tgt Ion: 64 Resp: 68721
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4





#7
Trichlorofluoromethane
Concen: 70.626 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031352.D
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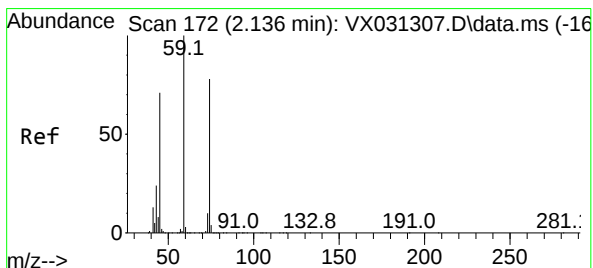
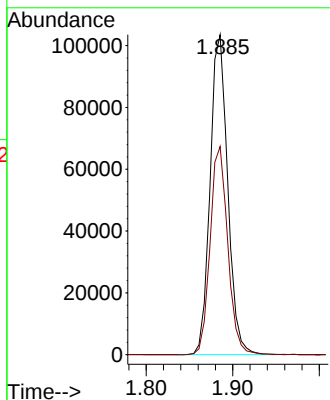
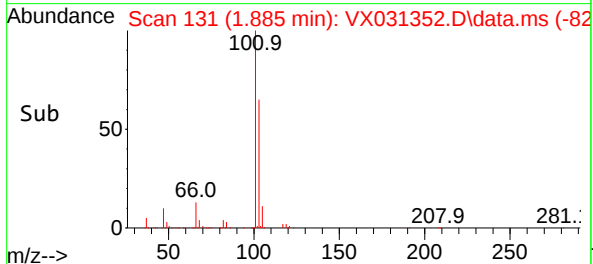
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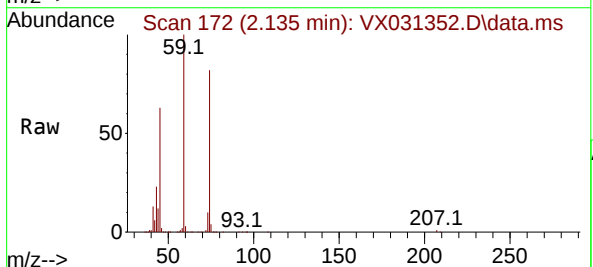
Tgt Ion:101 Resp: 14600
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

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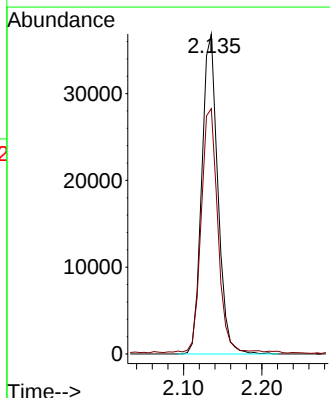
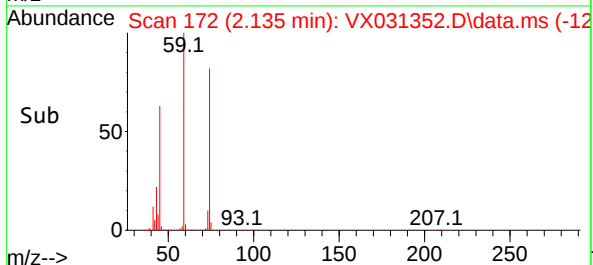
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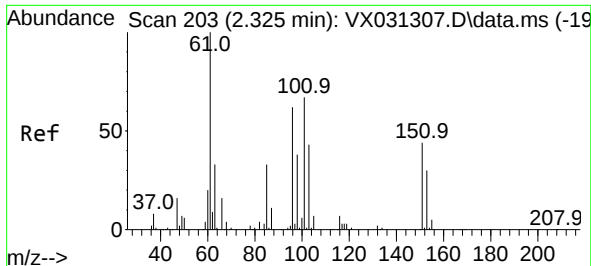


#8
Diethyl Ether
Concen: 64.421 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.001 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



Tgt Ion: 74 Resp: 52301
Ion Ratio Lower Upper
74 100
45 79.0 48.5 145.6





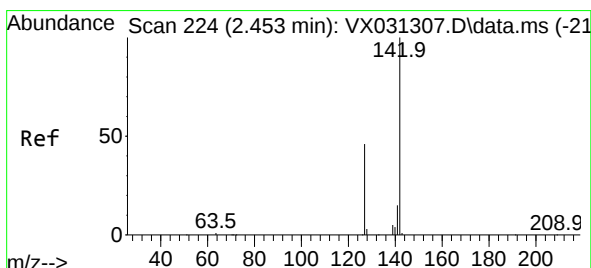
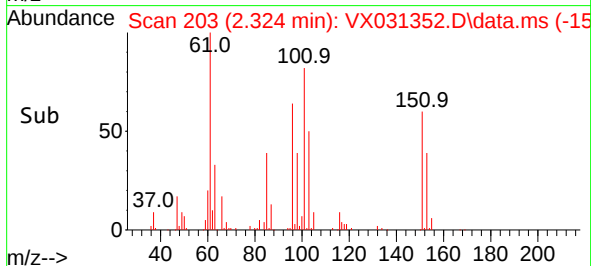
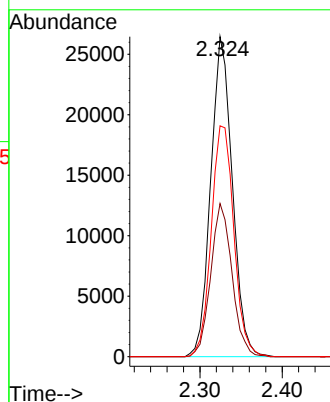
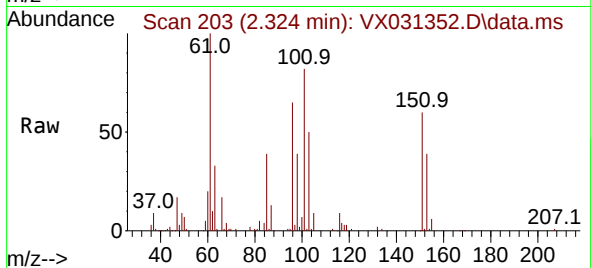
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.383 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 48270
Ion Ratio Lower Upper
101 100
85 47.2 38.6 57.8
151 75.5 54.0 81.0

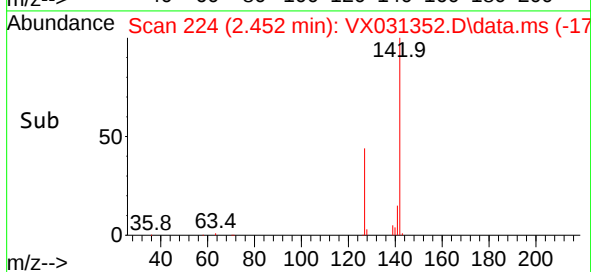
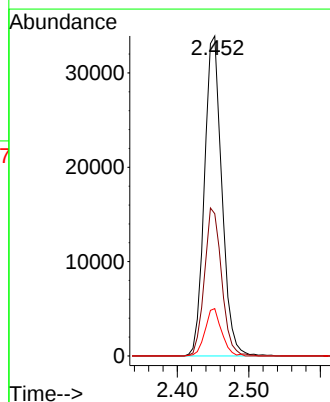
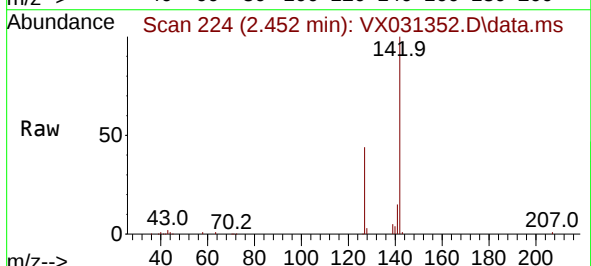
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 54.884 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

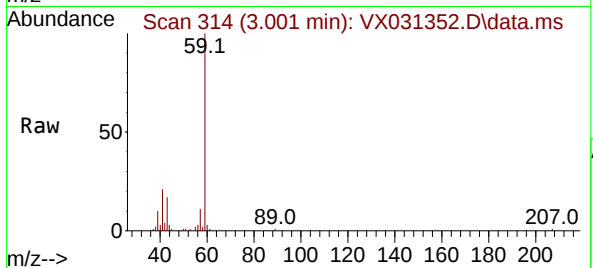
Tgt Ion:142 Resp: 57342
Ion Ratio Lower Upper
142 100
127 45.7 37.4 56.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 239.830 ug/l
RT: 3.001 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

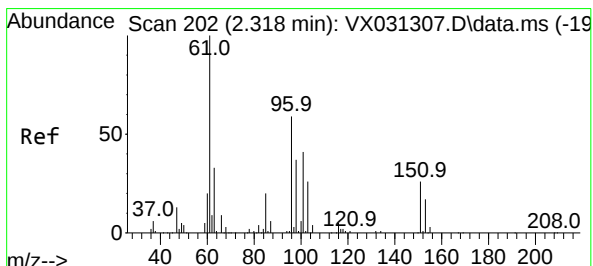
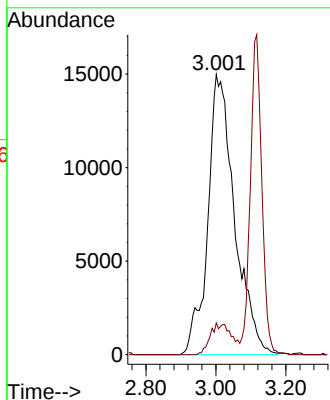
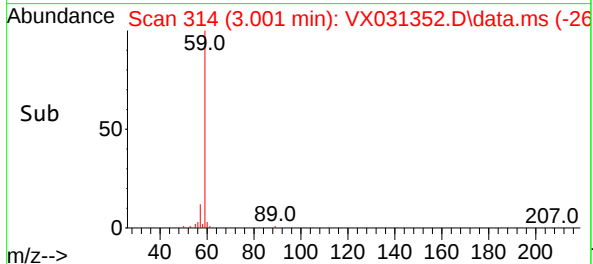
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 7983
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.2

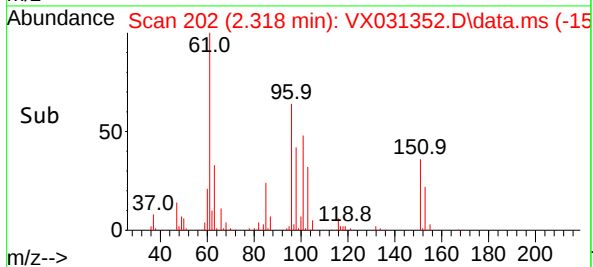
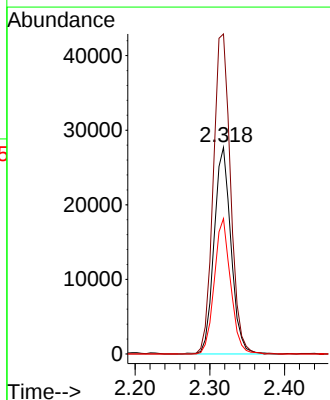
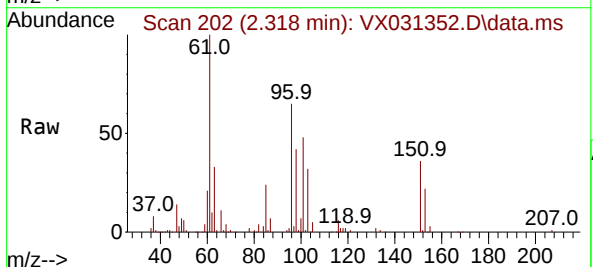
Manual Integrations
APPROVED

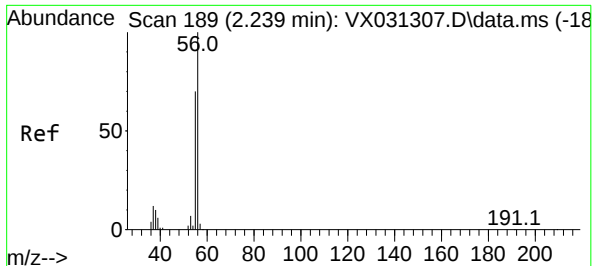
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#12
1,1-Dichloroethene
Concen: 48.383 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

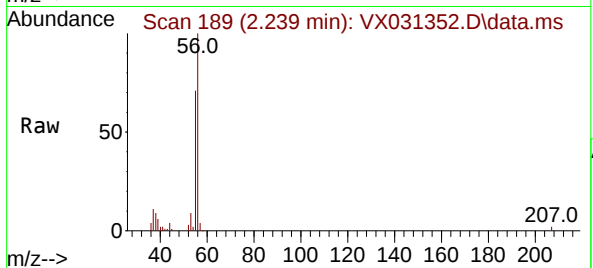
Tgt Ion: 96 Resp: 43601
Ion Ratio Lower Upper
96 100
61 154.9 135.3 202.9
98 65.6 49.4 74.2





#13
Acrolein
Concen: 181.331 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

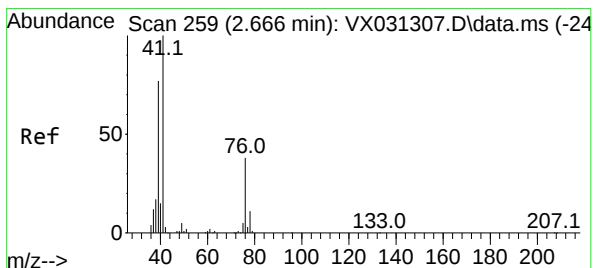
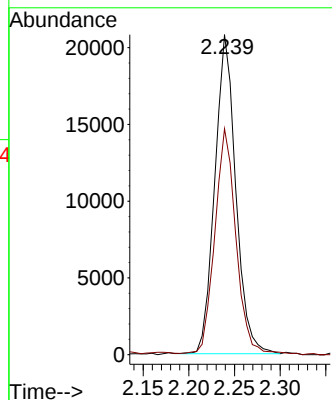
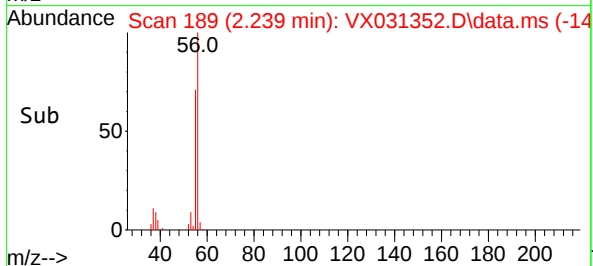
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 33152
Ion Ratio Lower Upper
56 100
55 72.1 56.0 84.0

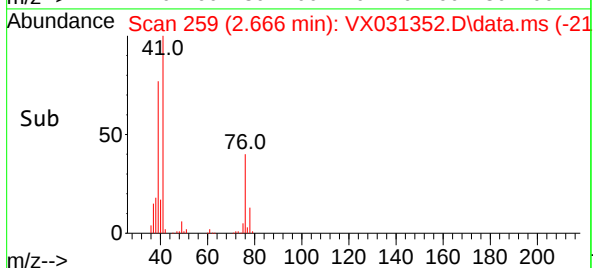
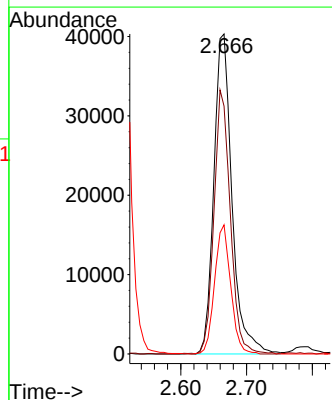
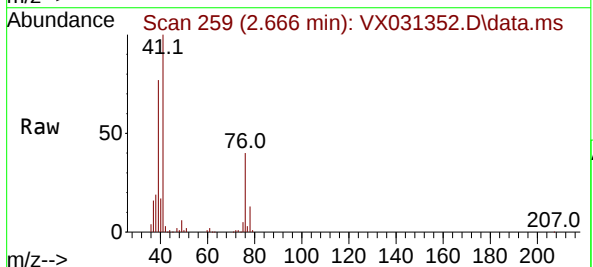
Manual Integrations
APPROVED

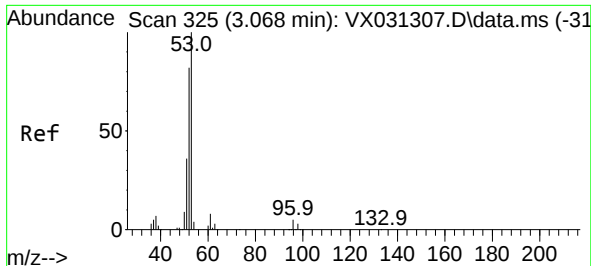
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 39.023 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

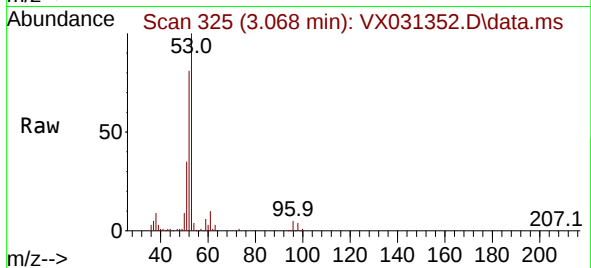
Tgt Ion: 41 Resp: 77686
Ion Ratio Lower Upper
41 100
39 74.1 58.2 87.4
76 35.8 26.9 40.3





#15
Acrylonitrile
Concen: 215.786 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

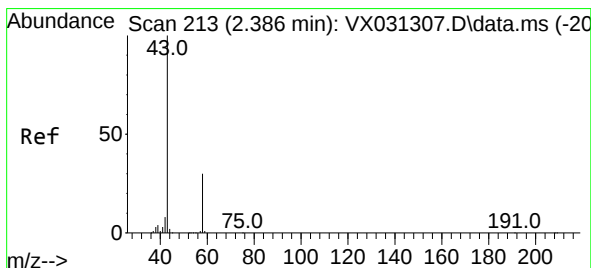
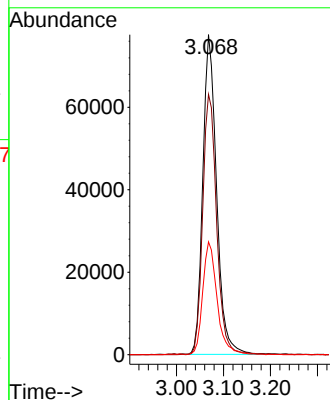
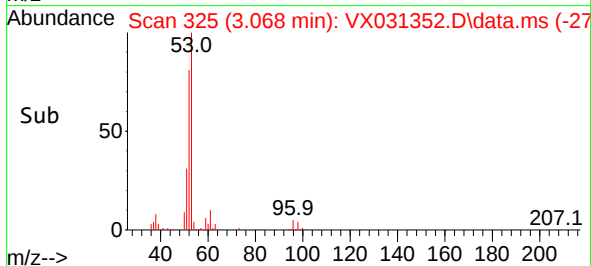
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



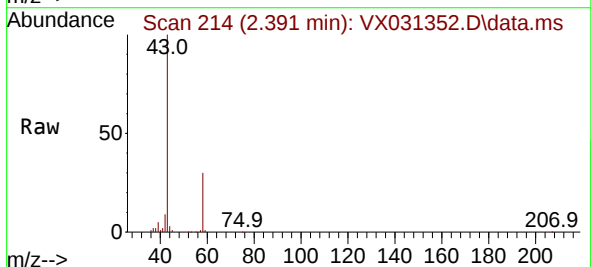
Tgt Ion: 53 Resp: 157679
Ion Ratio Lower Upper
53 100
52 82.7 66.9 100.3
51 37.0 30.0 45.0

Manual Integrations
APPROVED

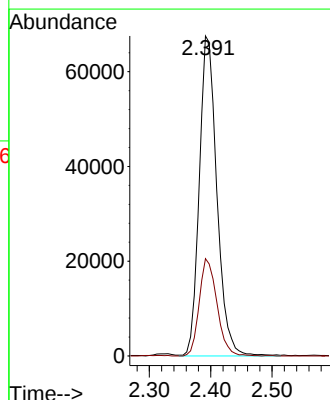
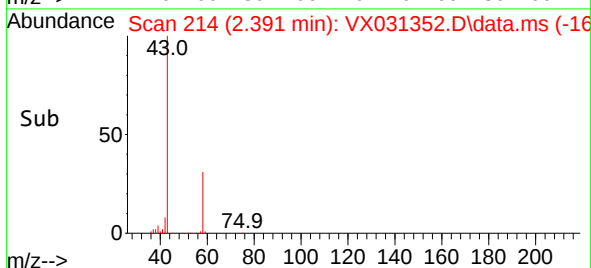
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

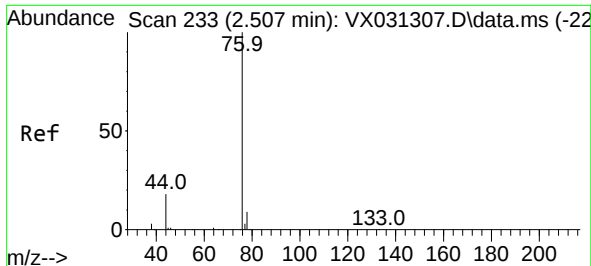


#16
Acetone
Concen: 199.256 ug/l m
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



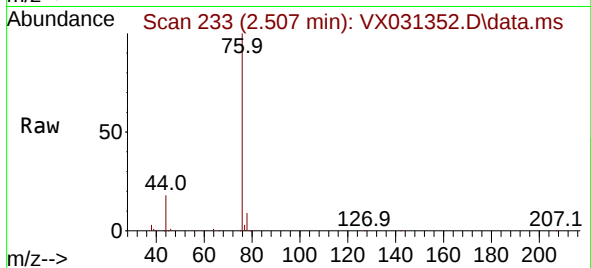
Tgt Ion: 43 Resp: 134766
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





#17
Carbon Disulfide
Concen: 48.398 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

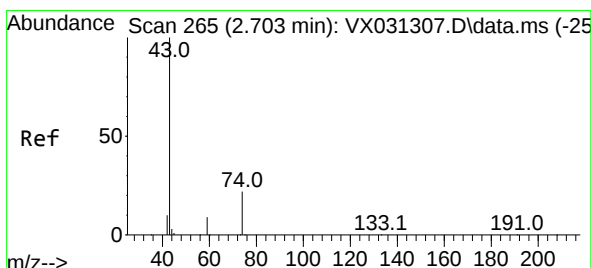
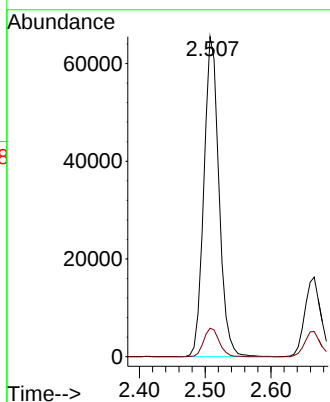
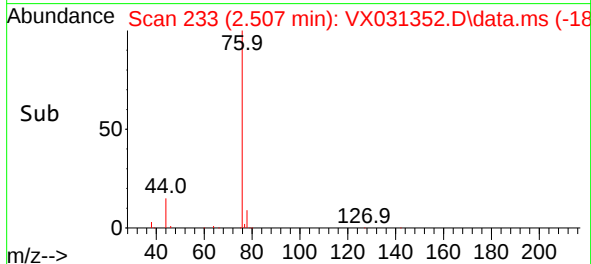
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



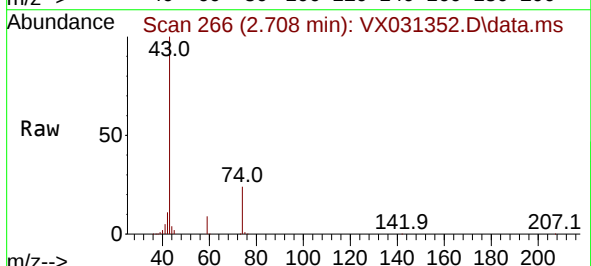
Tgt Ion: 76 Resp: 10430
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
APPROVED

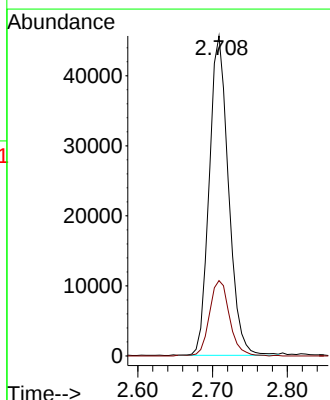
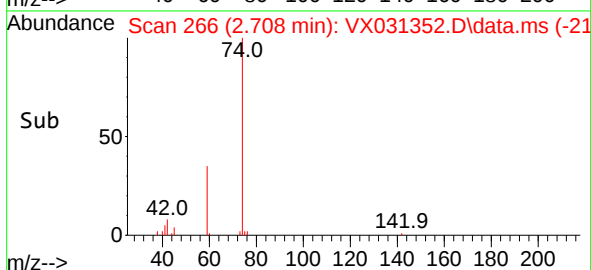
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

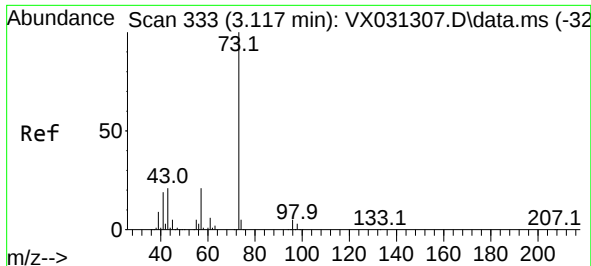


#18
Methyl Acetate
Concen: 40.693 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



Tgt Ion: 43 Resp: 81614
Ion Ratio Lower Upper
43 100
74 24.7 18.6 27.8





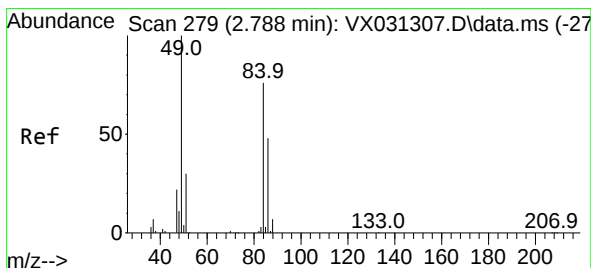
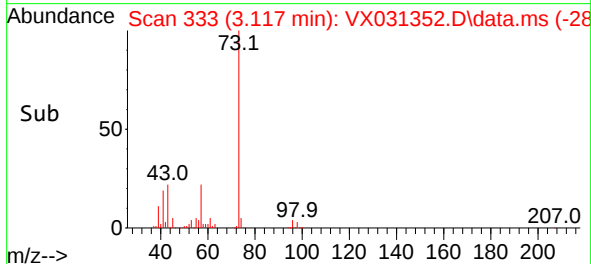
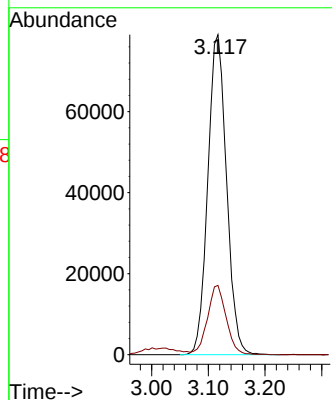
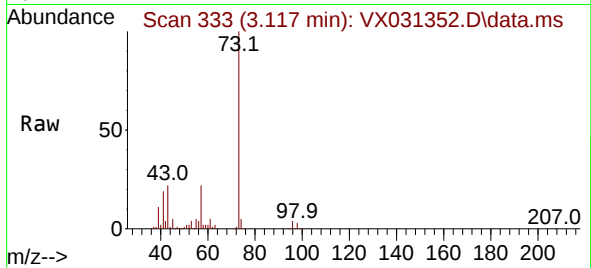
#19
Methyl tert-butyl Ether
Concen: 43.417 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 181190
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8

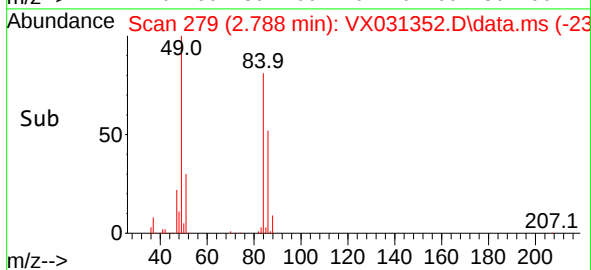
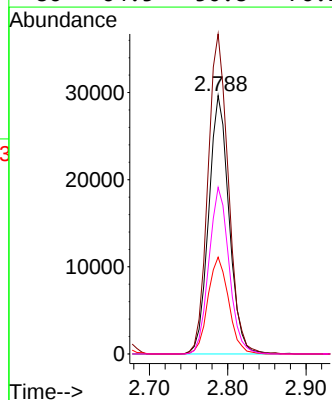
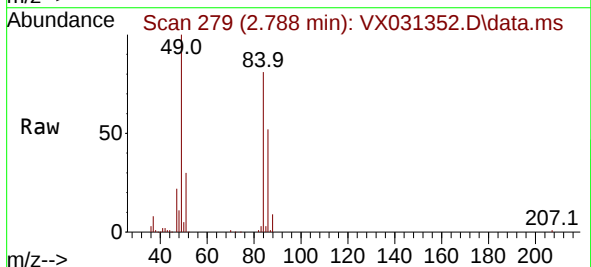
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 50.537 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

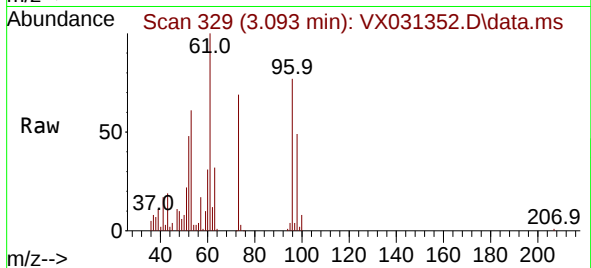
Tgt Ion: 84 Resp: 53576
Ion Ratio Lower Upper
84 100
49 123.8 105.9 158.9
51 37.4 32.2 48.2
86 64.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 50.082 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

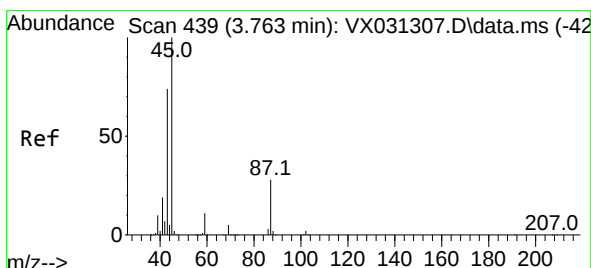
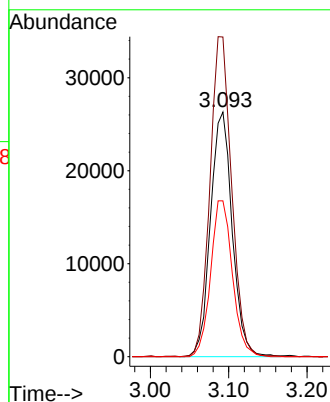
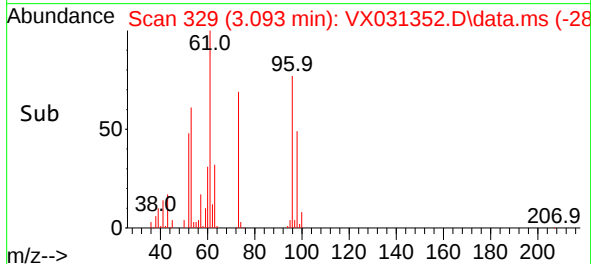
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 50719
Ion Ratio Lower Upper
96 100
61 130.7 106.7 160.1
98 63.7 48.7 73.1

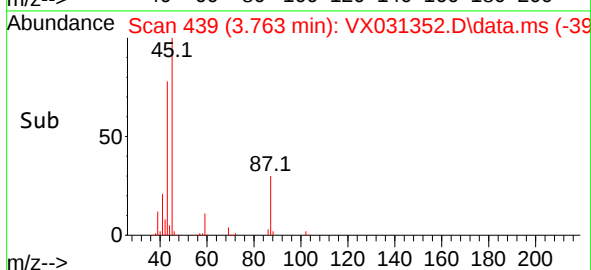
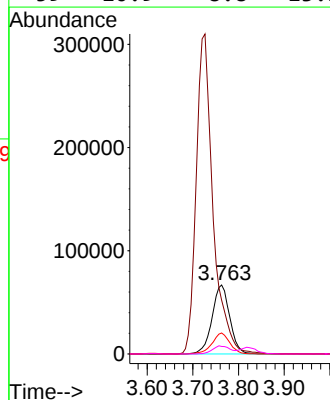
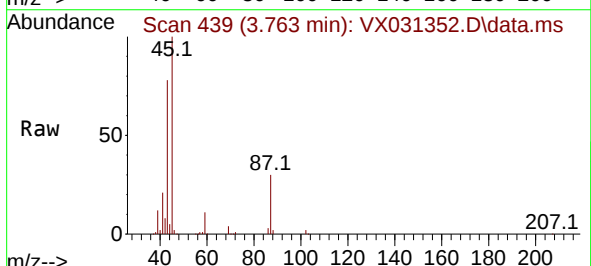
Manual Integrations
APPROVED

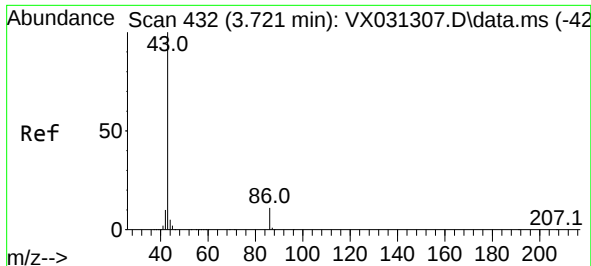
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 42.980 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

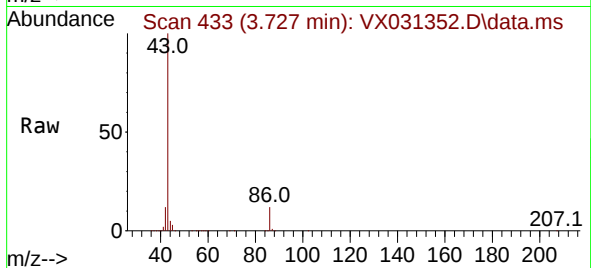
Tgt Ion: 45 Resp: 179053
Ion Ratio Lower Upper
45 100
43 77.7 59.0 88.6
87 30.5 22.6 33.8
59 10.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 228.179 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031352.D
 Acq: 15 Sep 2022 13:46

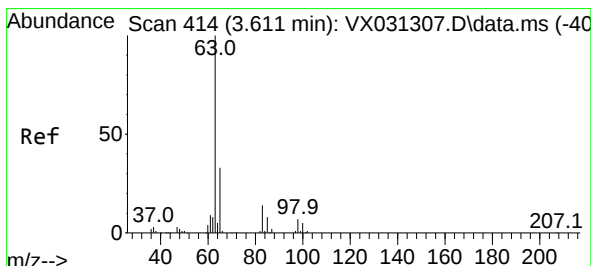
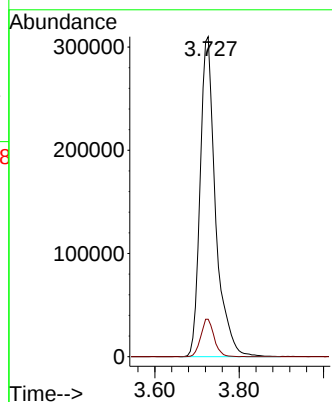
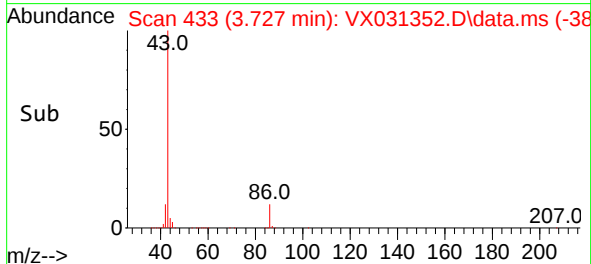
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



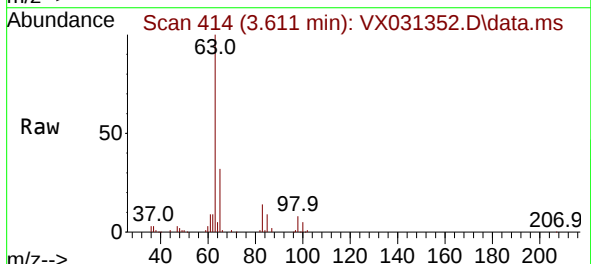
Tgt Ion: 43 Resp: 789990
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.7 13.1

Manual Integrations
 APPROVED

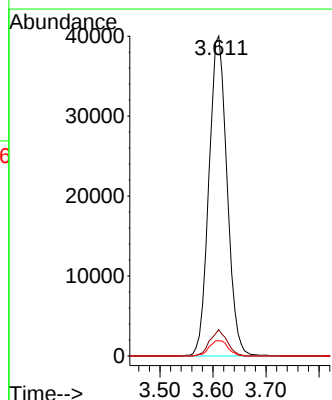
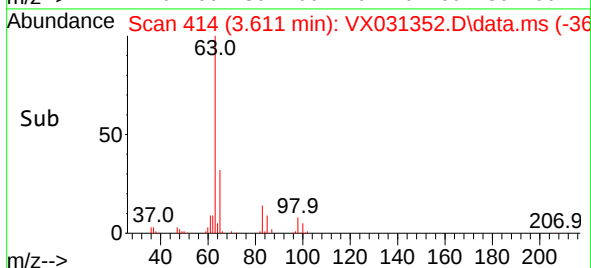
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

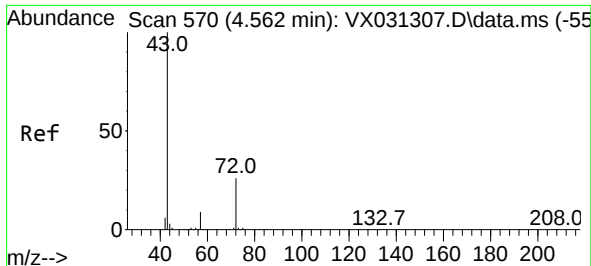


#24
 1,1-Dichloroethane
 Concen: 43.464 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX031352.D
 Acq: 15 Sep 2022 13:46



Tgt Ion: 63 Resp: 95026
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 4.7 2.4 7.2





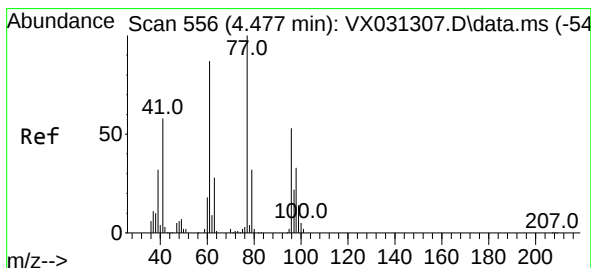
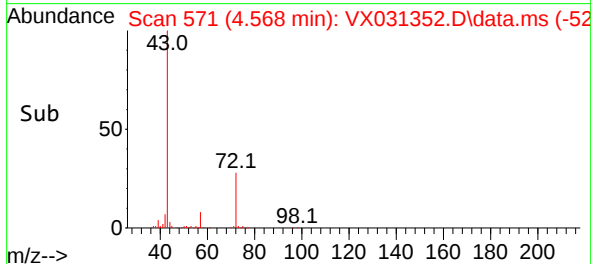
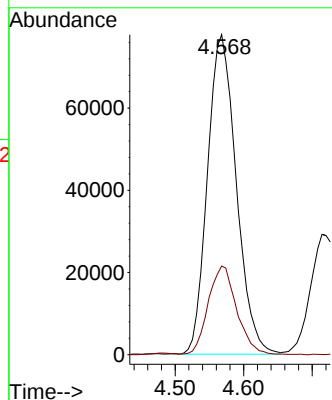
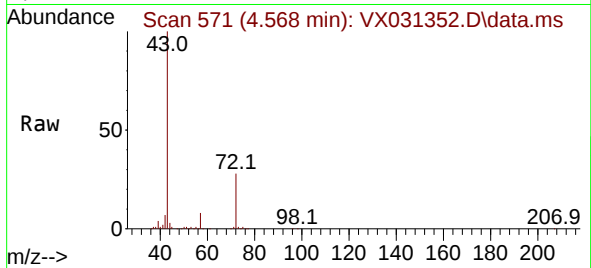
#25
2-Butanone
Concen: 203.397 ug/l
RT: 4.568 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 226910
Ion Ratio Lower Upper
43 100
72 27.5 21.1 31.7

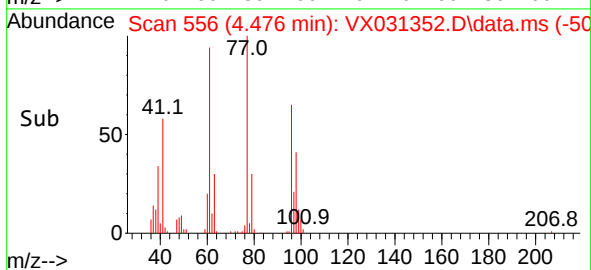
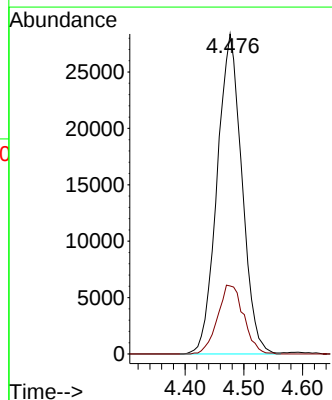
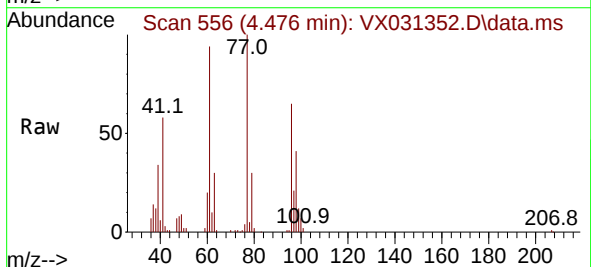
Manual Integrations
APPROVED

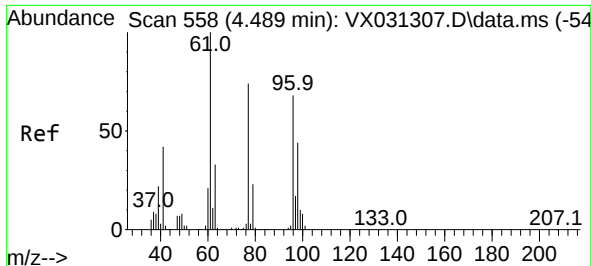
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#26
2,2-Dichloropropane
Concen: 40.107 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Tgt Ion: 77 Resp: 83192
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 47.122 ug/l

RT: 4.482 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

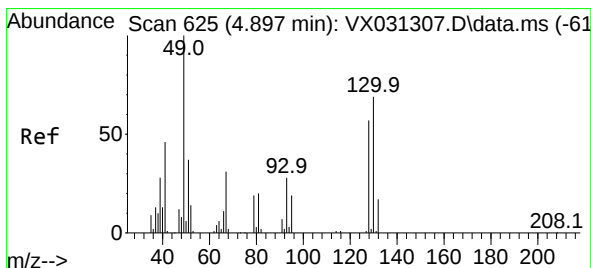
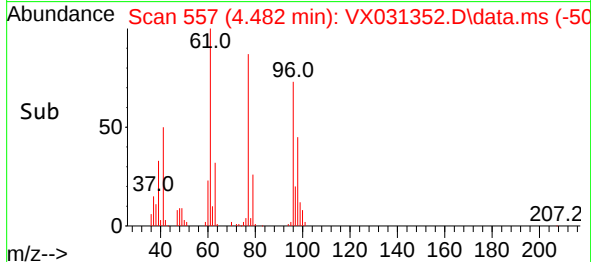
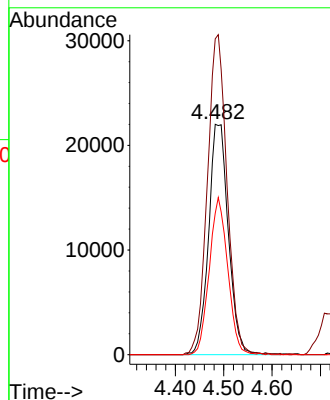
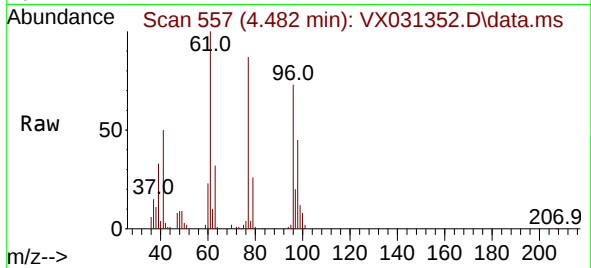
Tgt Ion:	96	Resp:	62550
Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	305.2
98	63.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 42.037 ug/l

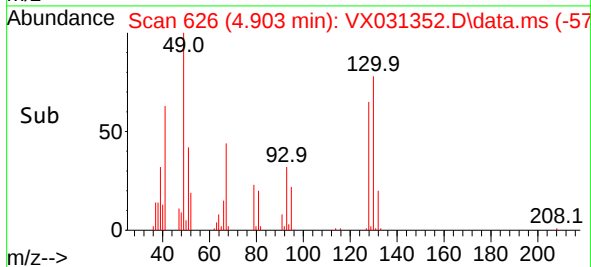
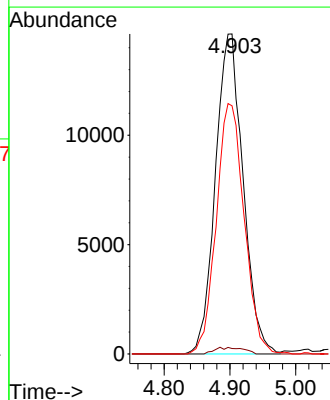
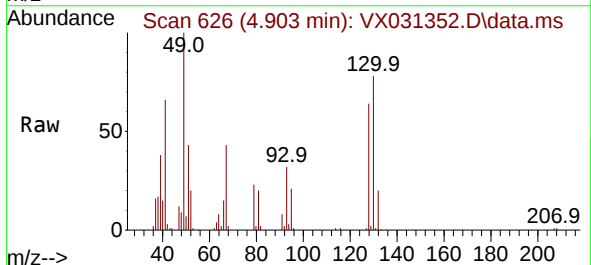
RT: 4.903 min Scan# 626

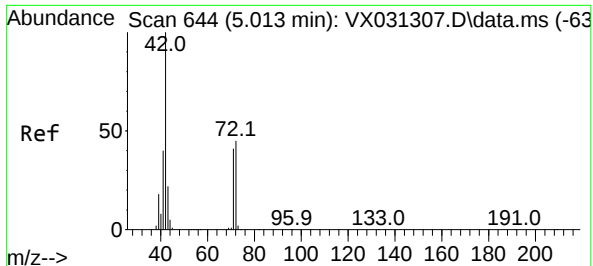
Delta R.T. 0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Tgt Ion:	49	Resp:	42838
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.6
130	78.9	59.0	88.4





#29

Tetrahydrofuran

Concen: 210.179 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 145239

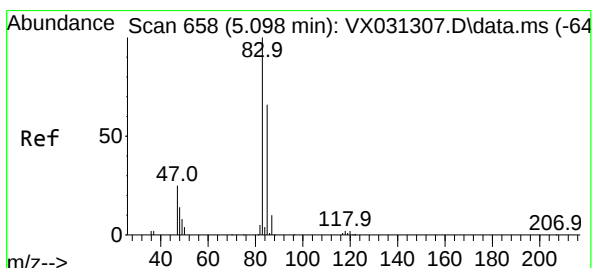
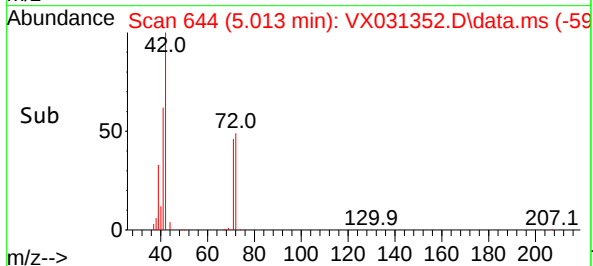
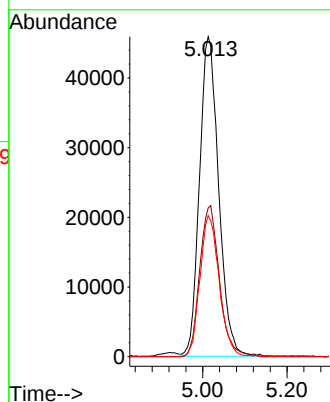
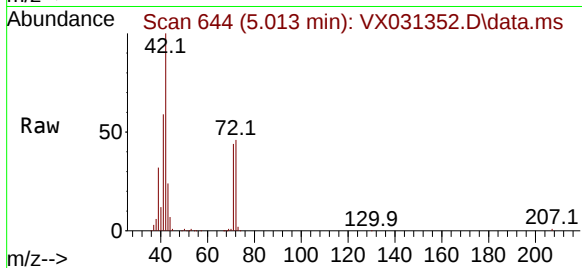
Ion	Ratio	Lower	Upper
42	100		
72	48.5	36.4	54.6
71	44.4	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 46.433 ug/l

RT: 5.092 min Scan# 657

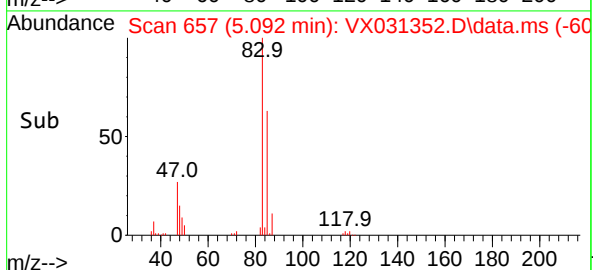
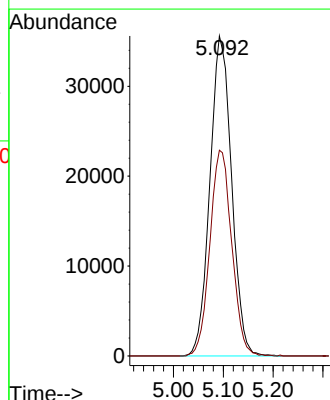
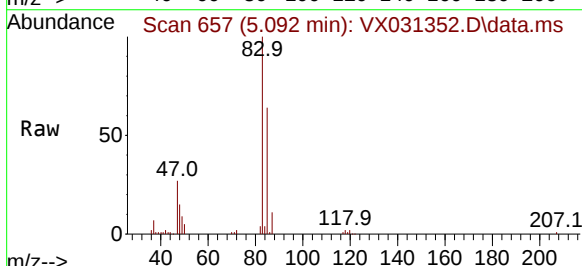
Delta R.T. -0.006 min

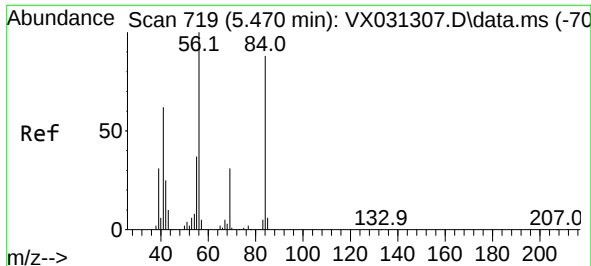
Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Tgt Ion: 83 Resp: 107500

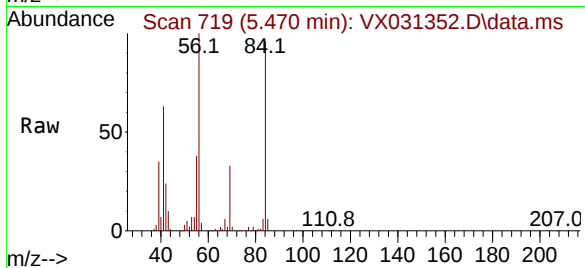
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.8	79.2





#31
Cyclohexane
Concen: 46.568 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

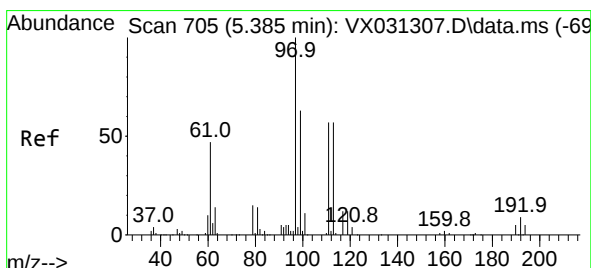
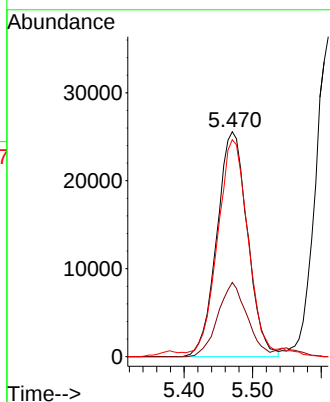
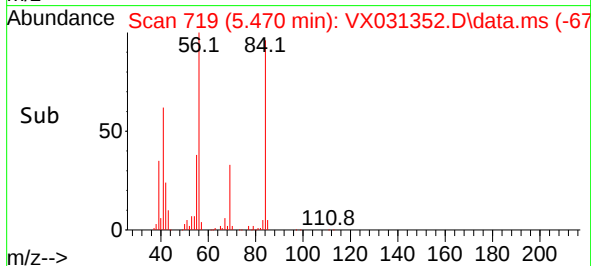
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 79264
Ion Ratio Lower Upper
56 100
69 33.0 25.1 37.7
84 94.7 70.2 105.4

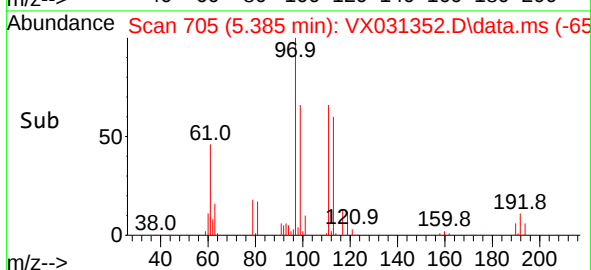
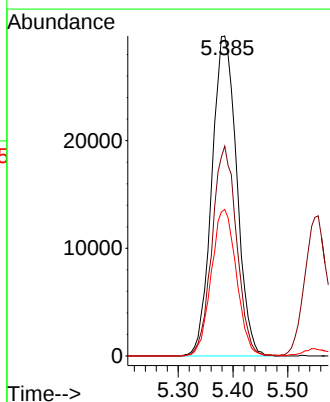
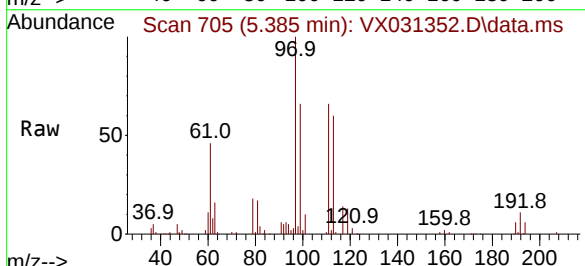
Manual Integrations
APPROVED

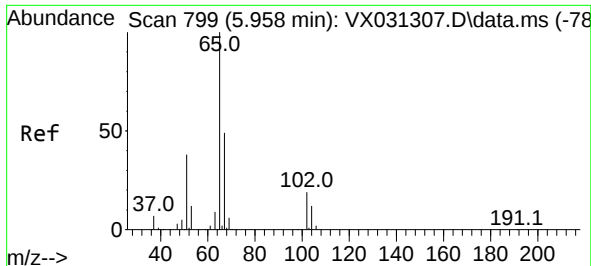
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#32
1,1,1-Trichloroethane
Concen: 45.230 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Tgt Ion: 97 Resp: 93828
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 46.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.038 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 69769

Ion Ratio Lower Upper

65 100

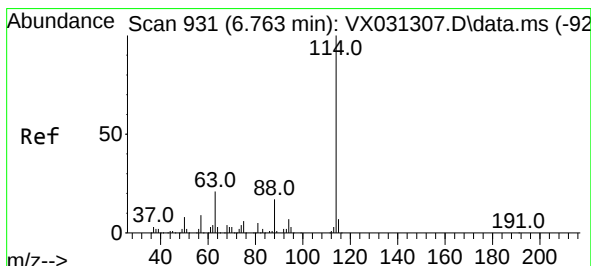
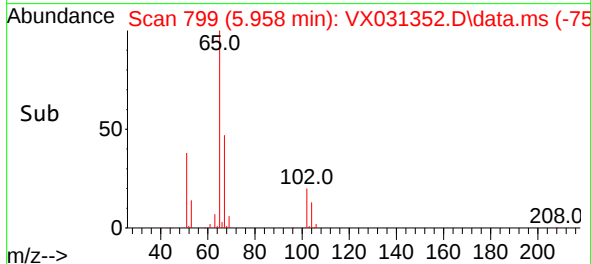
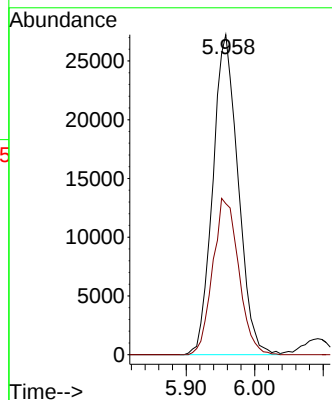
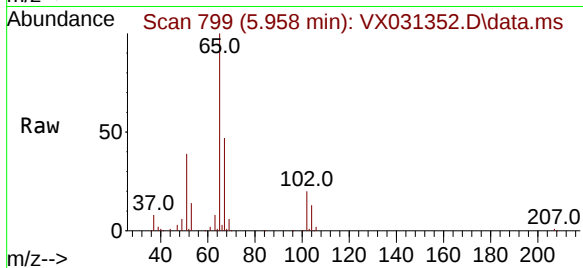
67 50.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

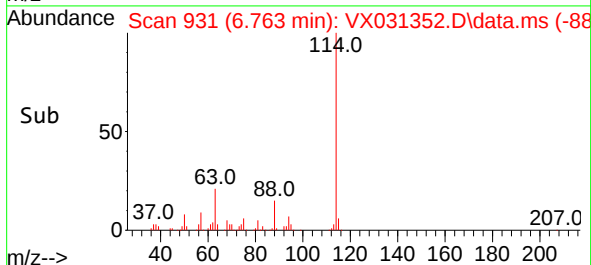
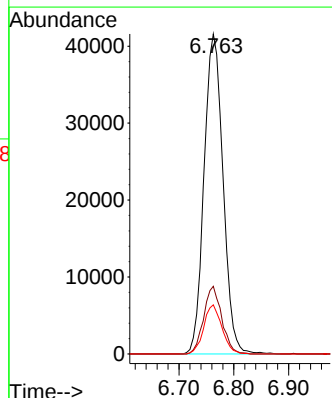
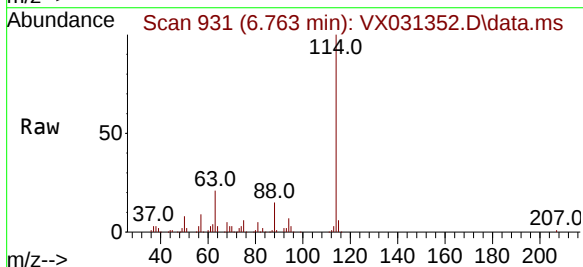
Tgt Ion:114 Resp: 99909

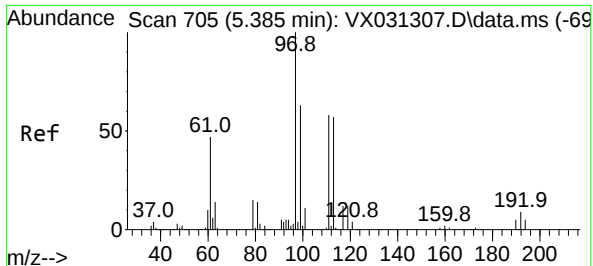
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.228 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

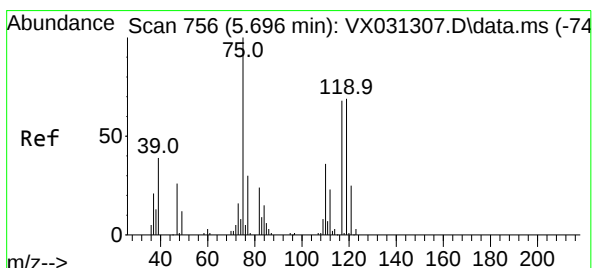
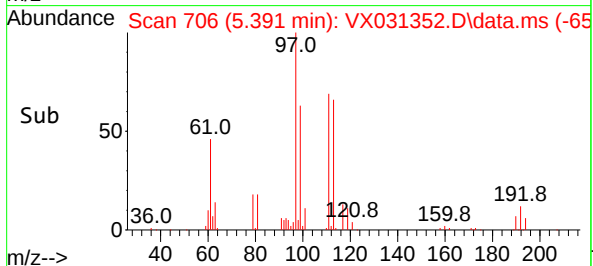
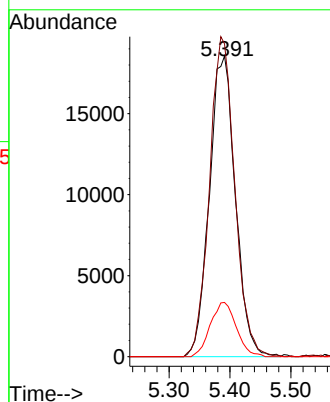
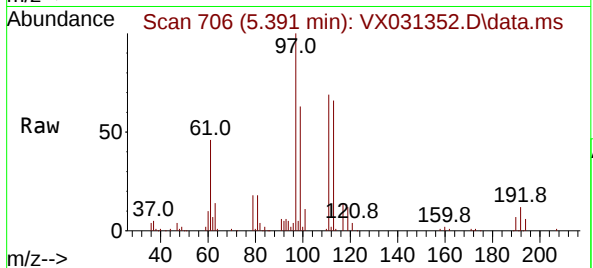
Tgt Ion:	113	Resp:	55010
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	18.1	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 49.783 ug/l

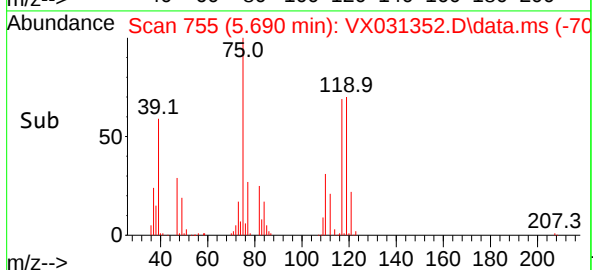
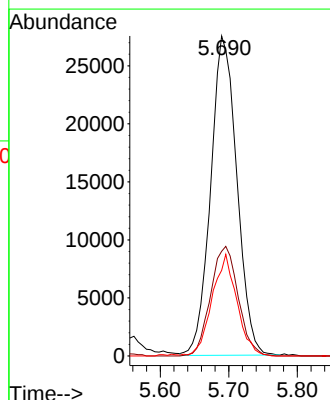
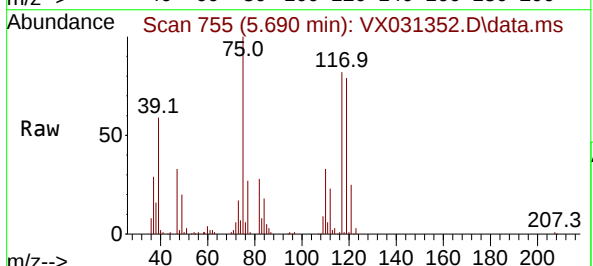
RT: 5.690 min Scan# 755

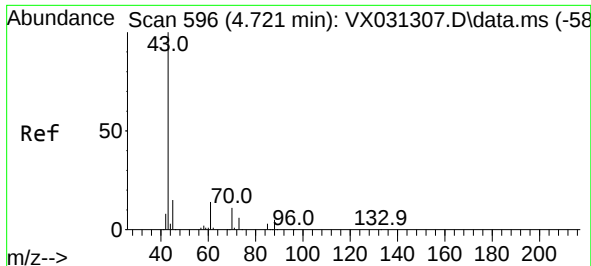
Delta R.T. -0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Tgt Ion:	75	Resp:	73179
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.5	52.5
77	30.2	24.9	37.3





#37

Ethyl Acetate

Concen: 45.116 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

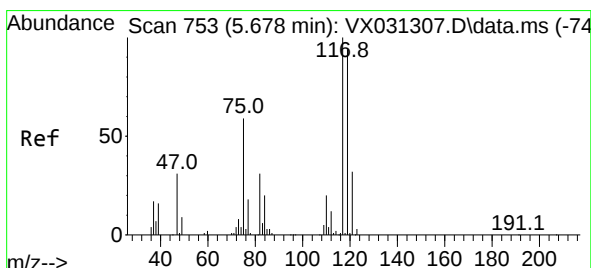
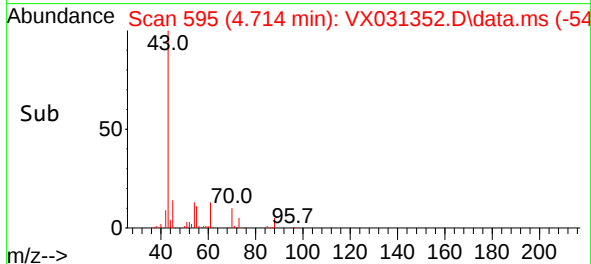
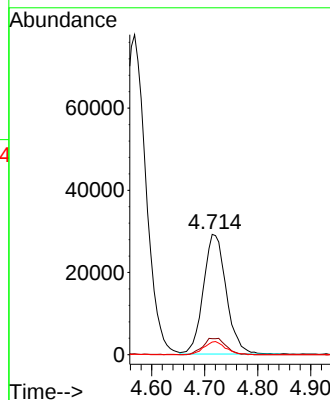
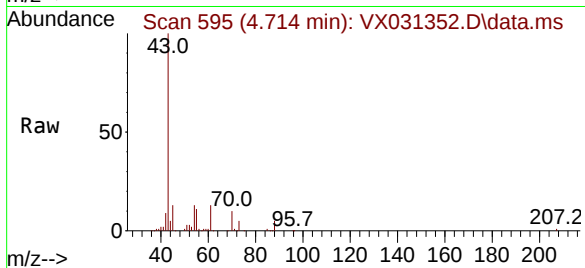
Tgt Ion: 43	Resp: 87150
Ion Ratio	Lower Upper
43 100	
61 13.8	11.1 16.7
70 10.4	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 51.411 ug/l

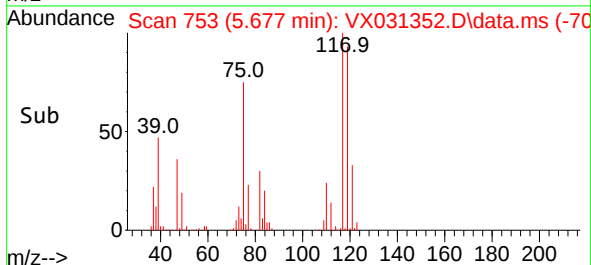
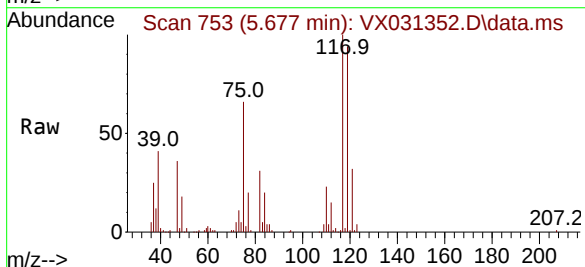
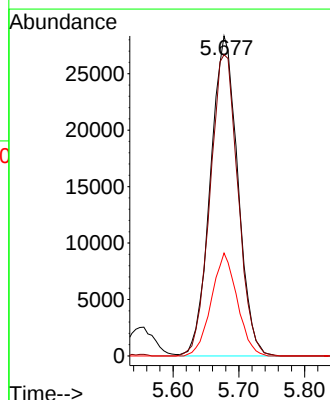
RT: 5.677 min Scan# 753

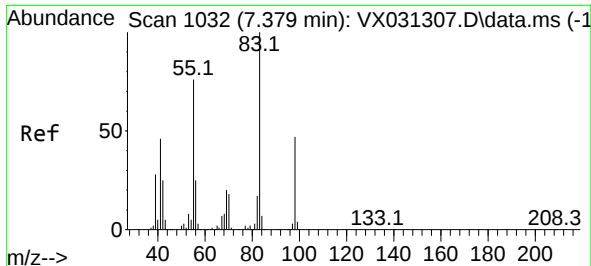
Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Tgt Ion: 117	Resp: 82146
Ion Ratio	Lower Upper
117 100	
119 94.1	74.6 112.0
121 32.1	25.3 37.9





#39

Methylcyclohexane

Concen: 54.218 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

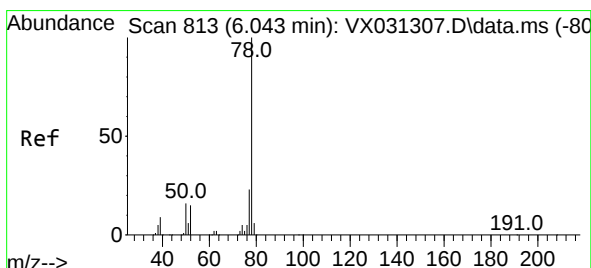
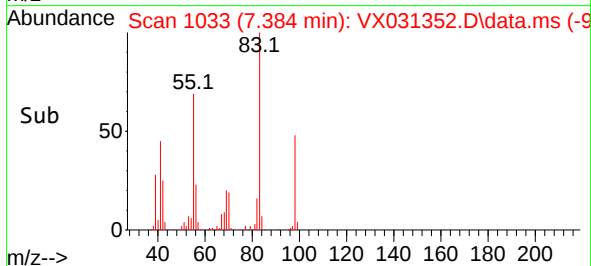
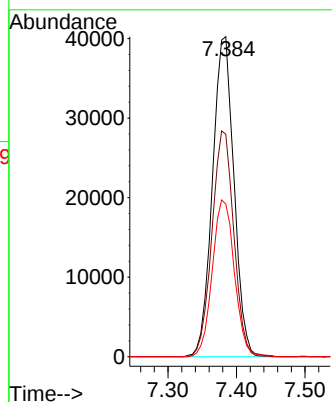
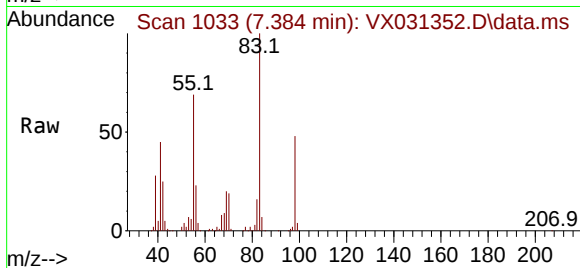
Tgt Ion: 83	Resp: 87770
Ion Ratio	Lower Upper
83 100	
55 69.5	61.0 91.4
98 47.7	37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 52.004 ug/l

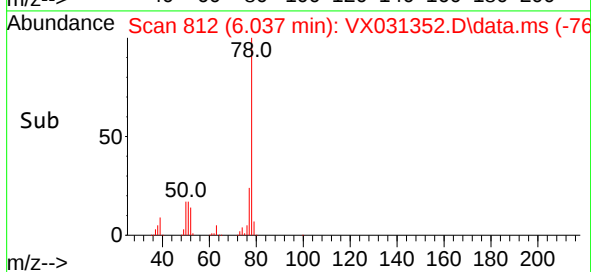
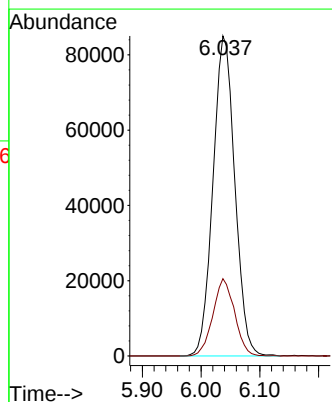
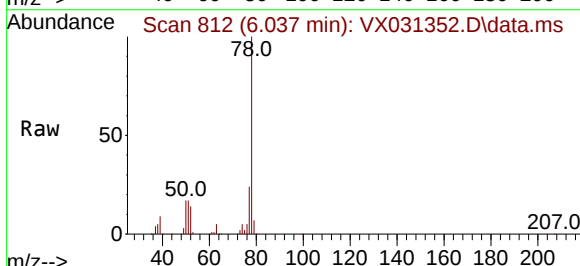
RT: 6.037 min Scan# 812

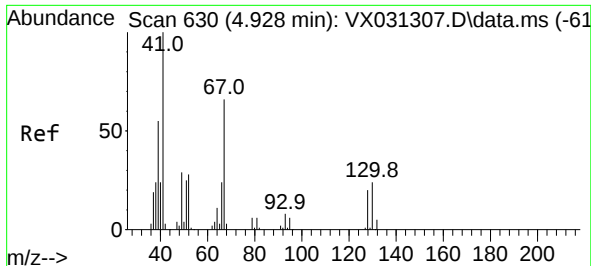
Delta R.T. -0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

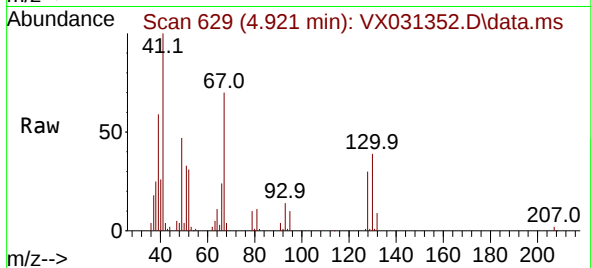
Tgt Ion: 78	Resp: 219515
Ion Ratio	Lower Upper
78 100	
77 24.2	18.7 28.1





#41
Methacrylonitrile
Concen: 45.397 ug/l
RT: 4.921 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

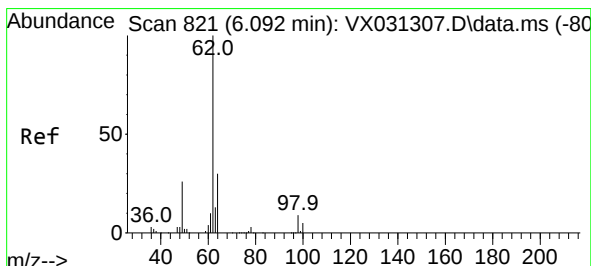
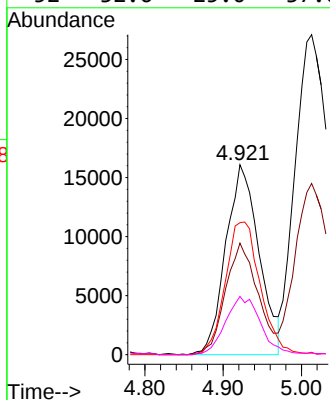
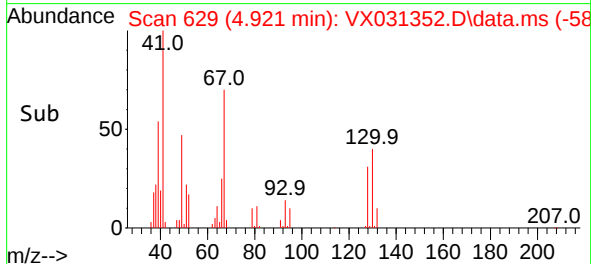
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 47500
Ion Ratio Lower Upper
41 100
39 56.5 45.0 67.6
67 73.6 58.2 87.4
52 32.6 25.0 37.6

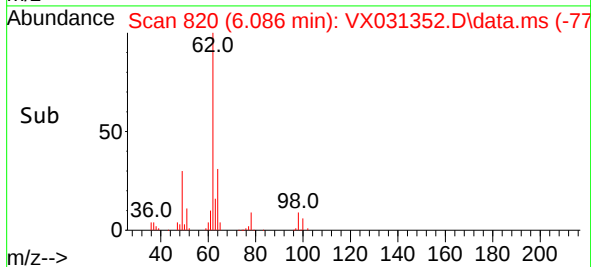
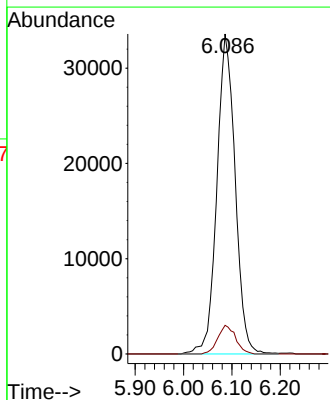
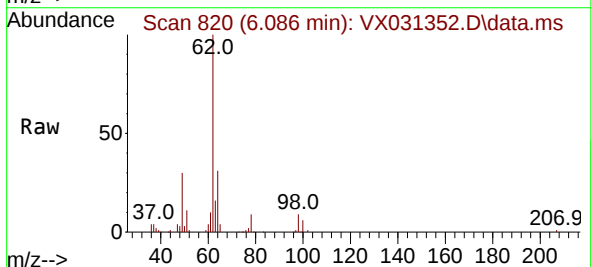
Manual Integrations
APPROVED

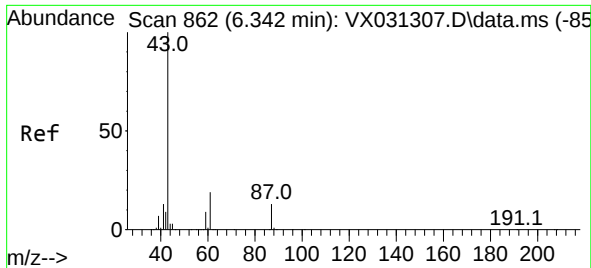
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 51.763 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

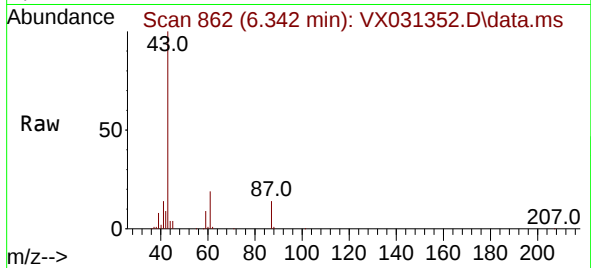
Tgt Ion: 62 Resp: 88133
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 44.957 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

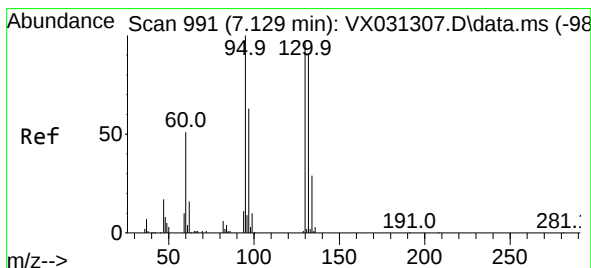
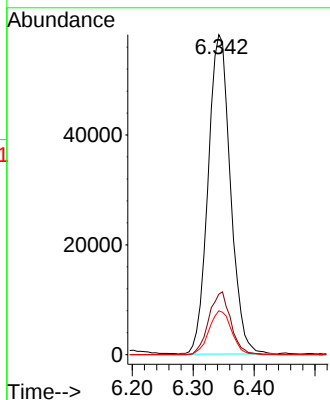
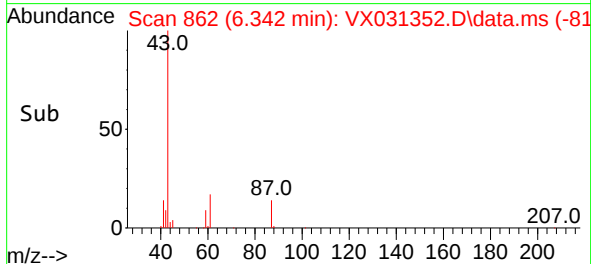
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



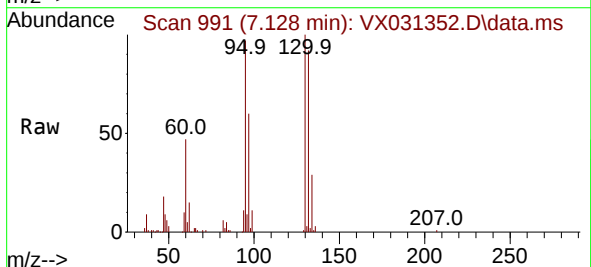
Tgt Ion: 43 Resp: 148238
Ion Ratio Lower Upper
43 100
61 19.4 15.3 22.9
87 13.8 10.6 15.8

Manual Integrations
APPROVED

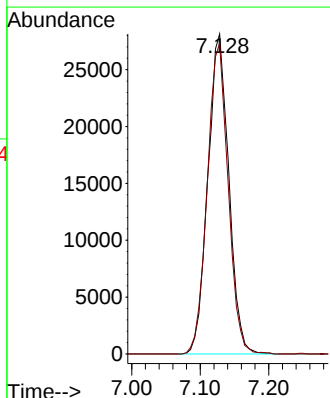
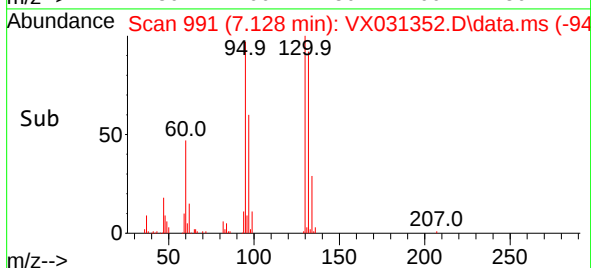
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

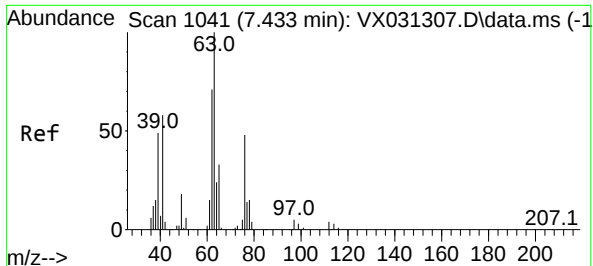


#44
Trichloroethene
Concen: 55.391 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



Tgt Ion:130 Resp: 59613
Ion Ratio Lower Upper
130 100
95 97.1 0.0 206.8





#45

1,2-Dichloropropane

Concen: 48.186 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 55684

Ion Ratio Lower Upper

63 100

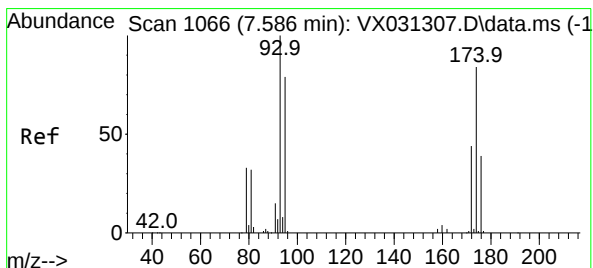
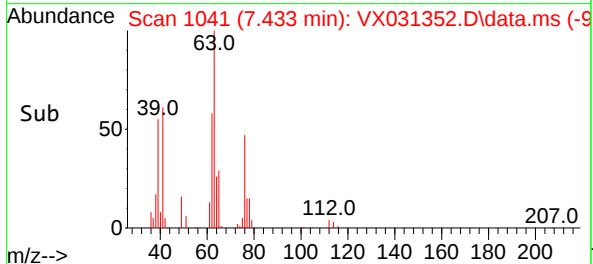
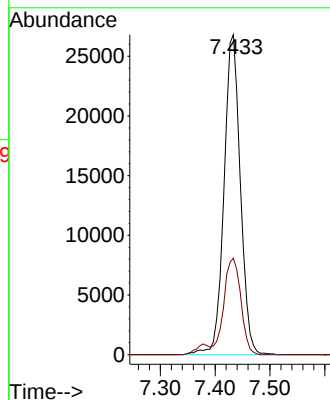
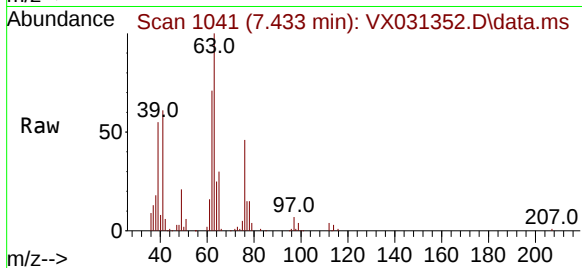
65 30.2 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 52.913 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

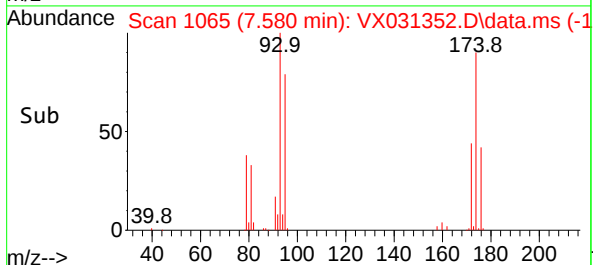
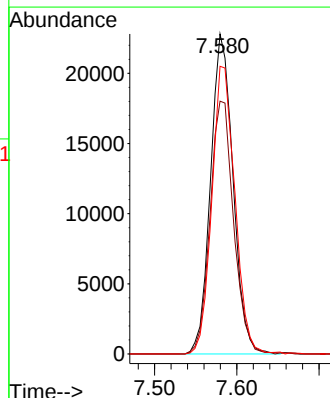
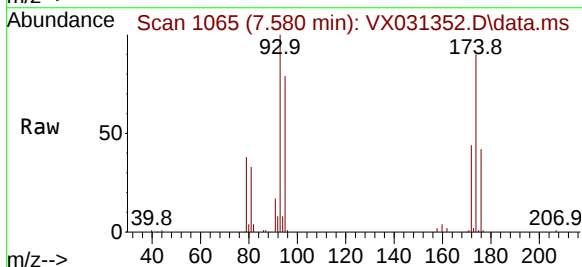
Tgt Ion: 93 Resp: 43363

Ion Ratio Lower Upper

93 100

95 82.6 65.5 98.3

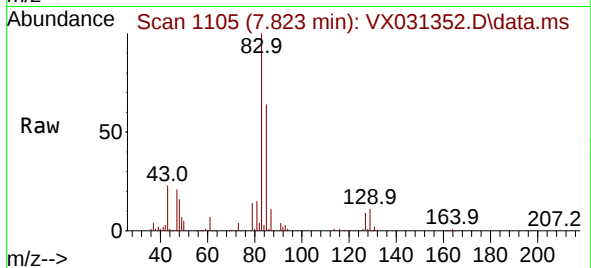
174 92.0 67.6 101.4





#47
Bromodichloromethane
Concen: 49.537 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

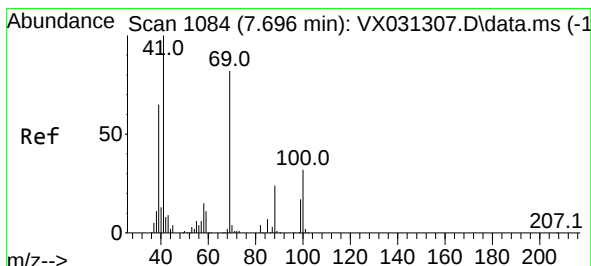
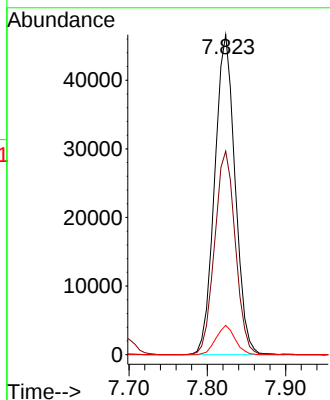
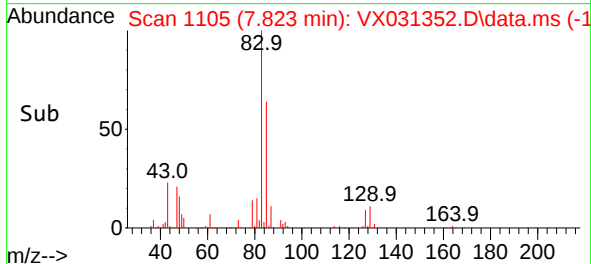
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



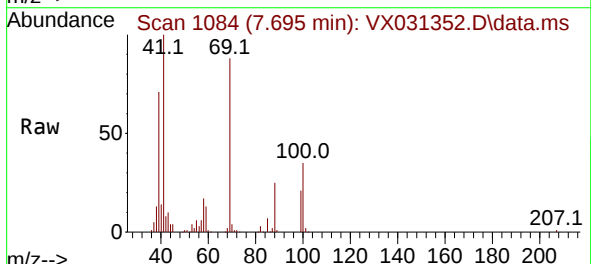
Tgt Ion: 83 Resp: 84438
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.6
127 9.2 7.0 10.6

Manual Integrations
APPROVED

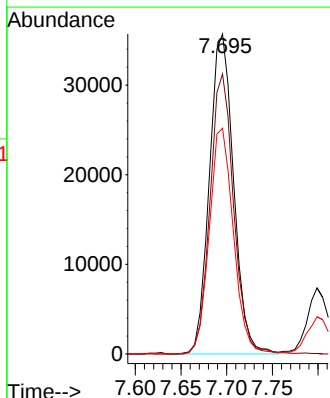
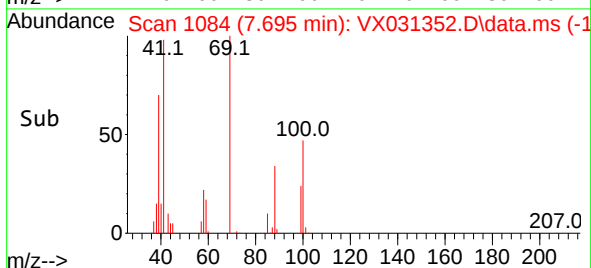
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

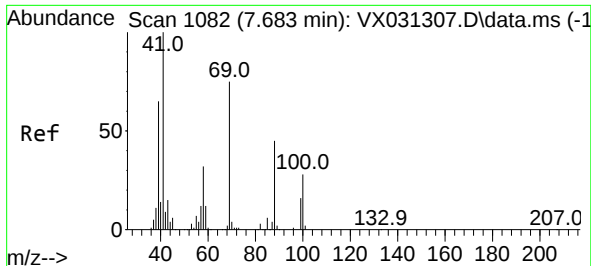


#48
Methyl methacrylate
Concen: 43.805 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



Tgt Ion: 41 Resp: 65752
Ion Ratio Lower Upper
41 100
69 85.6 64.6 96.8
39 70.4 51.4 77.0





#49

1,4-Dioxane

Concen: 1071.975 ug/l

RT: 7.701 min Scan# 1085

Delta R.T. 0.018 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

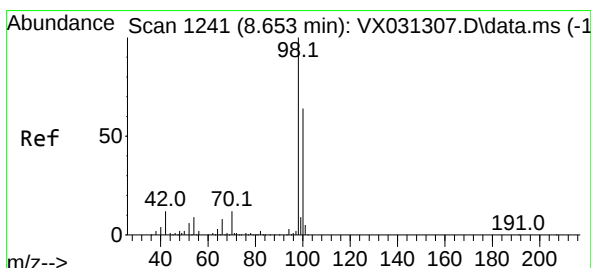
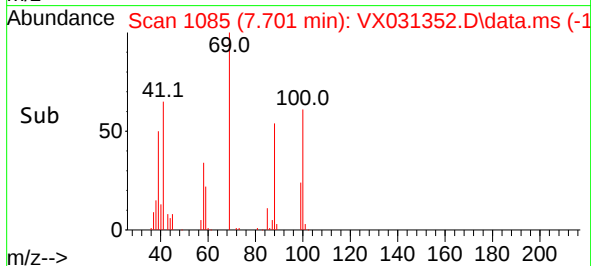
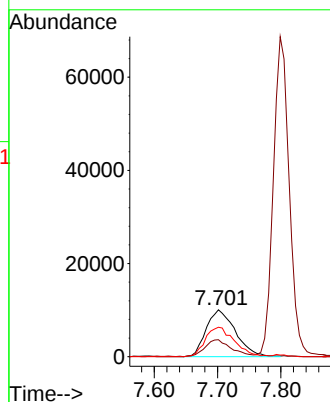
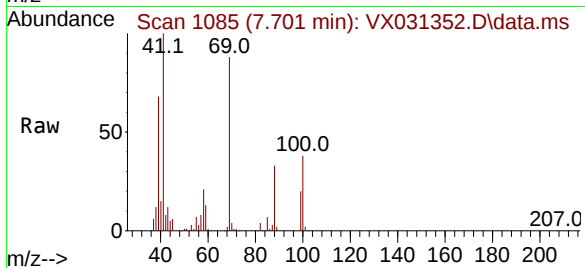
Tgt Ion:	88	Resp:	32269
Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.1	40.7
58	62.6	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 53.636 ug/l

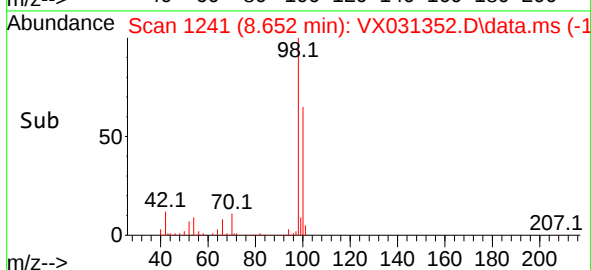
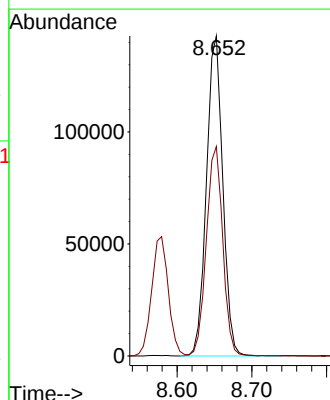
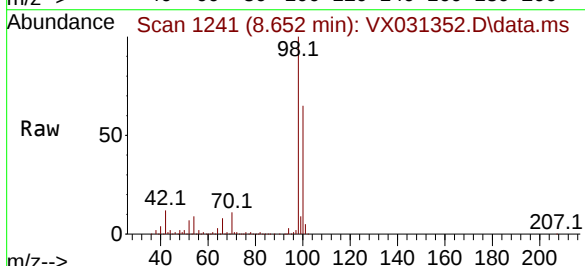
RT: 8.652 min Scan# 1241

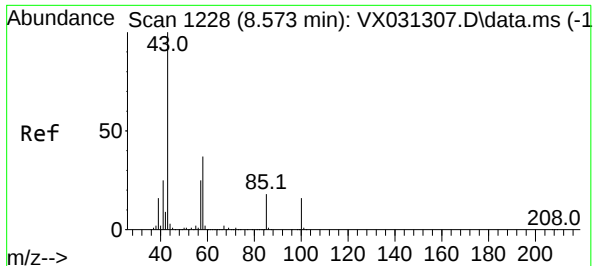
Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Tgt Ion:	98	Resp:	216074
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





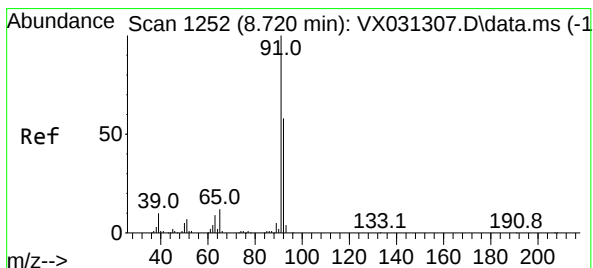
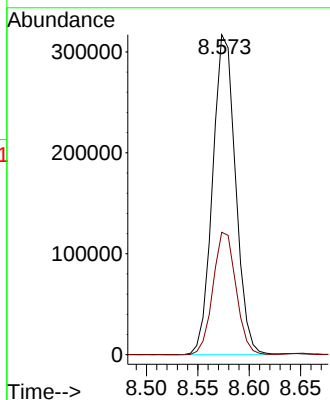
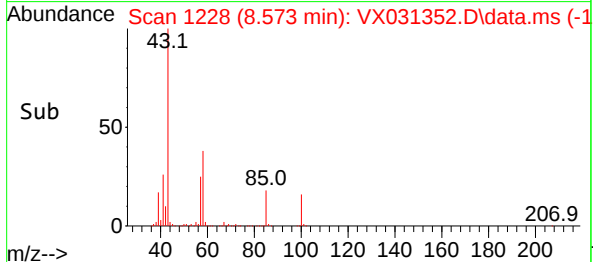
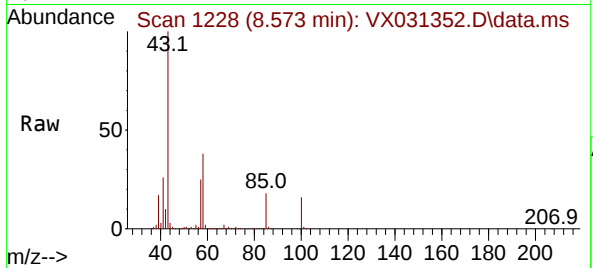
#51
4-Methyl-2-Pentanone
Concen: 245.162 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 491362
Ion Ratio Lower Upper
43 100
58 38.6 30.6 46.0

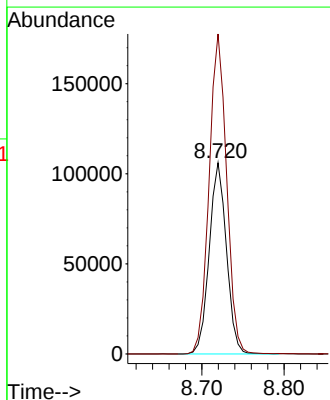
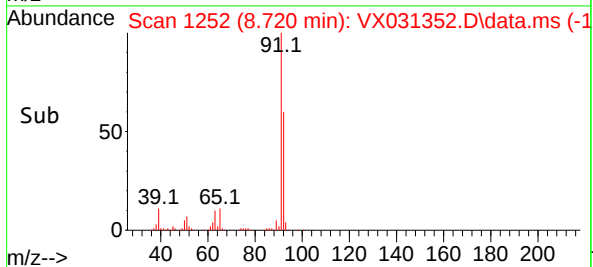
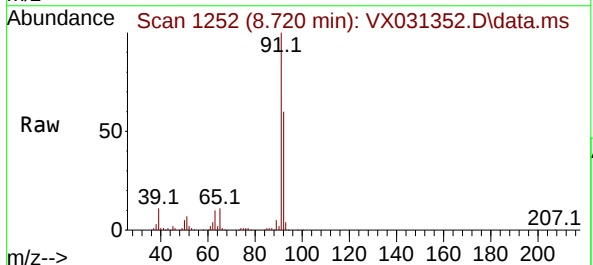
Manual Integrations
APPROVED

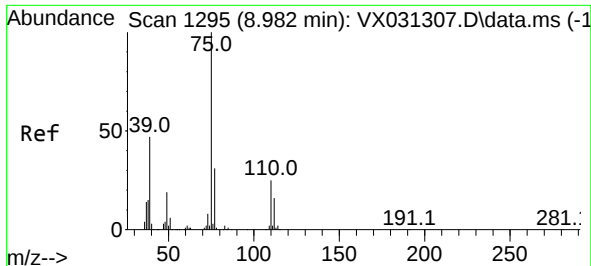
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#52
Toluene
Concen: 57.769 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

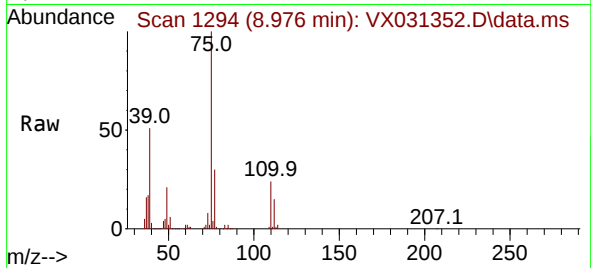
Tgt Ion: 92 Resp: 154254
Ion Ratio Lower Upper
92 100
91 170.7 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 49.008 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

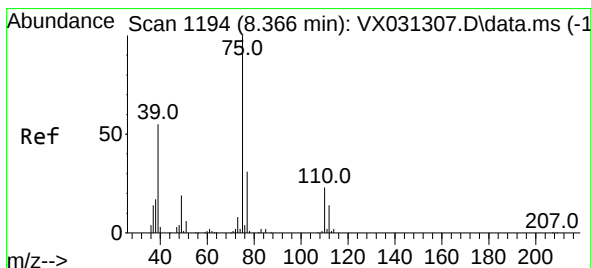
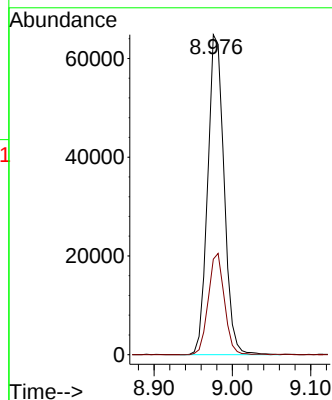
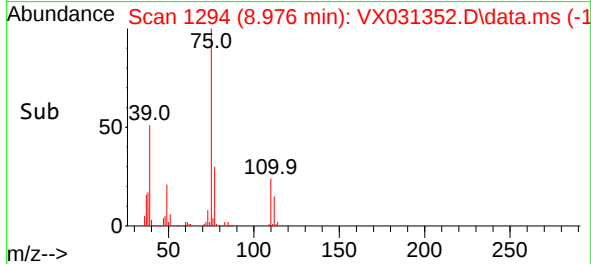
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 9400
Ion Ratio Lower Upper
75 100
77 29.8 24.8 37.2

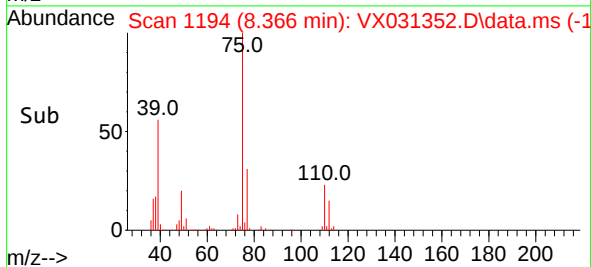
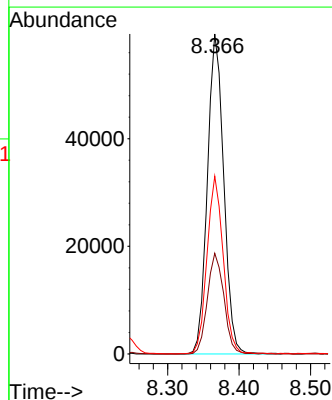
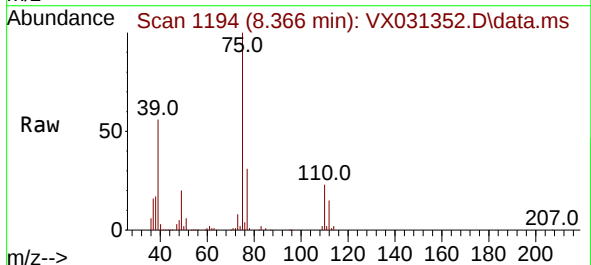
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#54
cis-1,3-Dichloropropene
Concen: 47.853 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

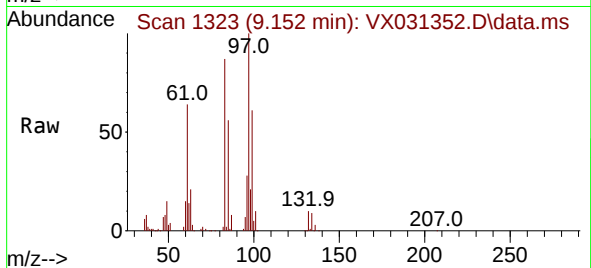
Tgt Ion: 75 Resp: 94331
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6
39 55.4 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 53.676 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

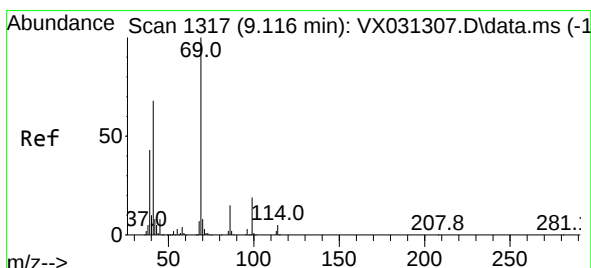
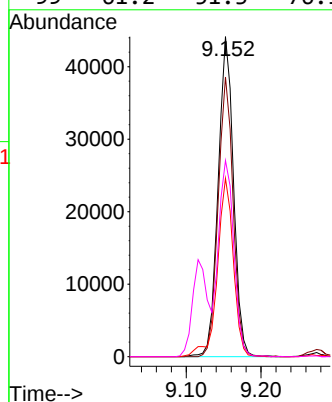
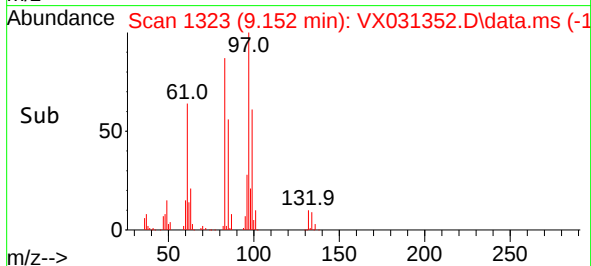


Tgt Ion: 97 Resp: 63269

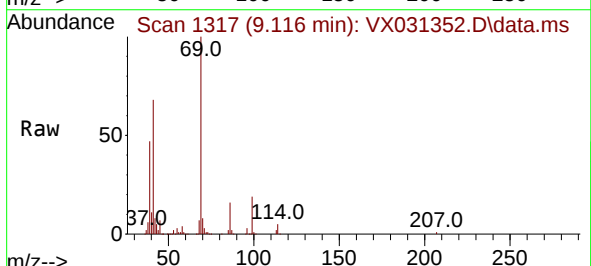
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.0	103.6
85	55.7	44.1	66.1
99	61.2	51.3	76.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

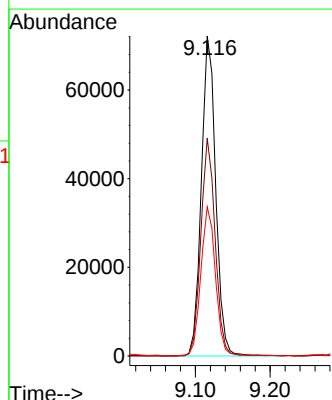
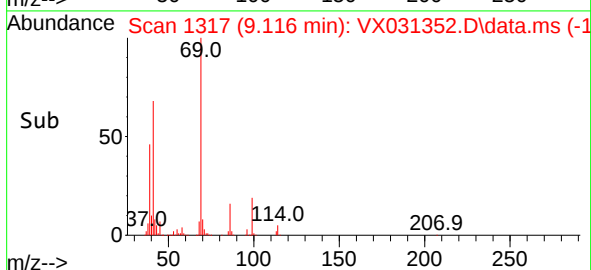


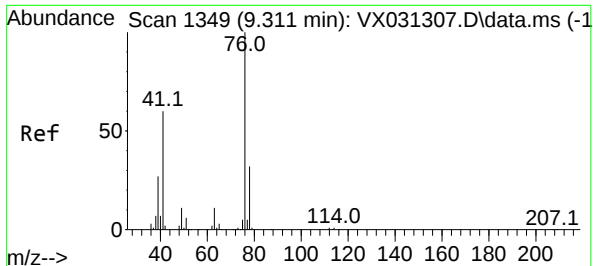
#56
Ethyl methacrylate
Concen: 50.425 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



Tgt Ion: 69 Resp: 96217

Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.2	81.4
39	48.1	34.2	51.2





#57

1,3-Dichloropropane

Concen: 50.945 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 103184

Ion Ratio Lower Upper

76 100

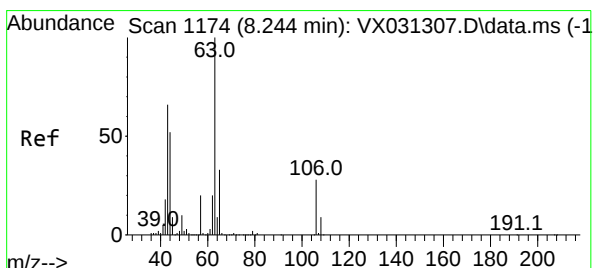
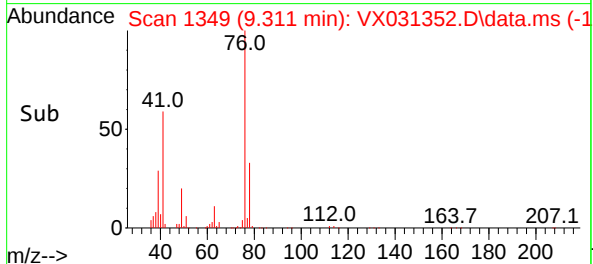
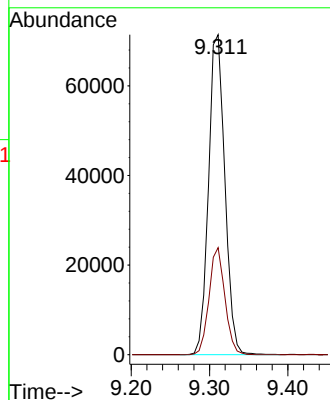
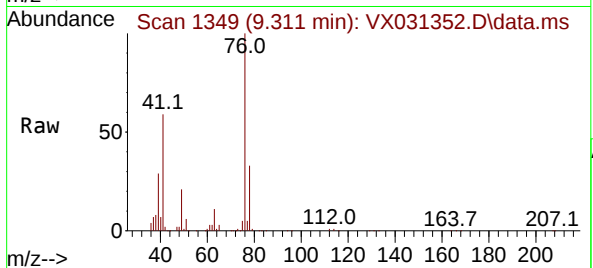
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 234.017 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX031352.D

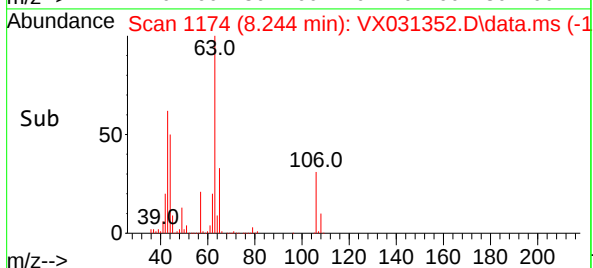
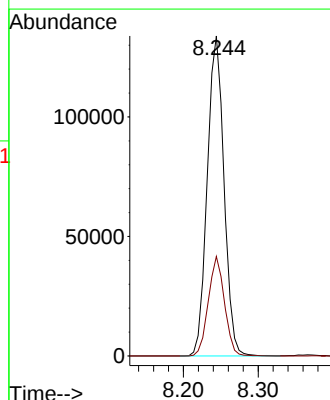
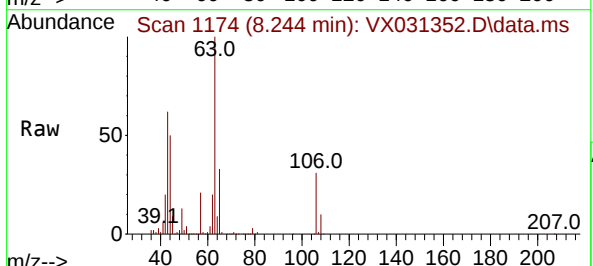
Acq: 15 Sep 2022 13:46

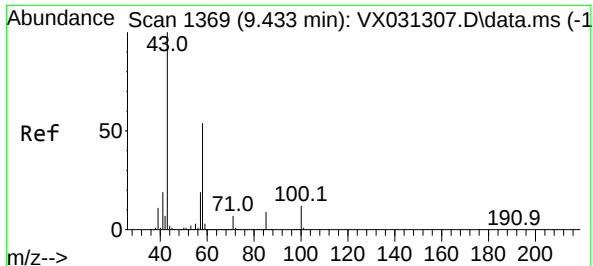
Tgt Ion: 63 Resp: 208053

Ion Ratio Lower Upper

63 100

106 29.9 22.6 34.0





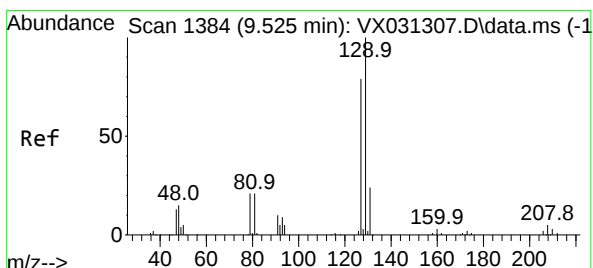
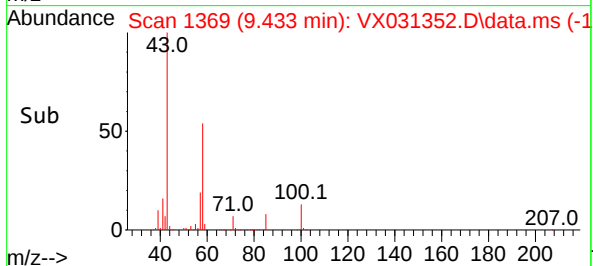
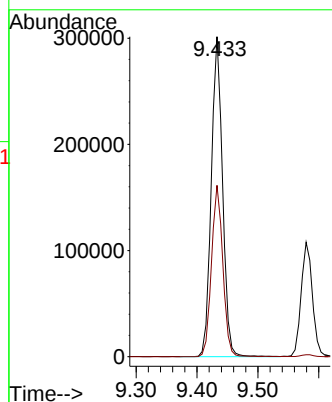
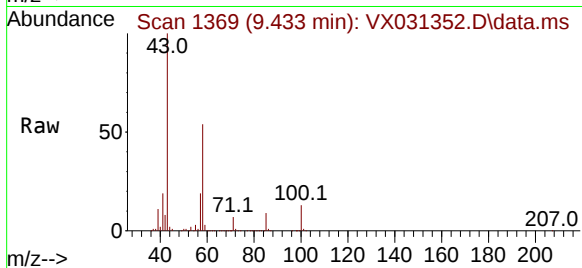
#59
2-Hexanone
Concen: 253.039 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 387072
Ion Ratio Lower Upper
43 100
58 54.0 26.7 80.0

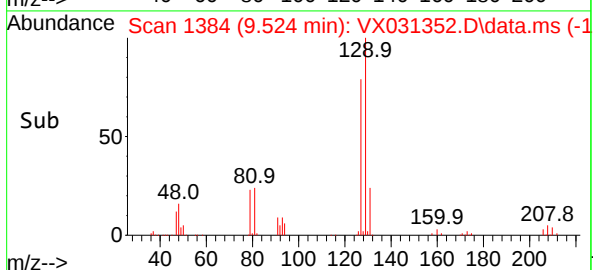
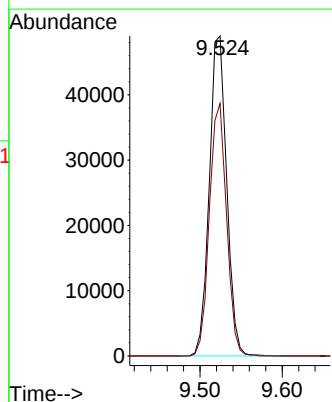
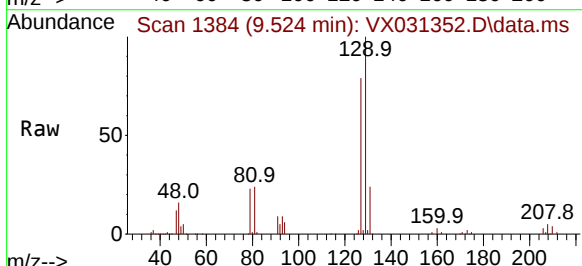
Manual Integrations
APPROVED

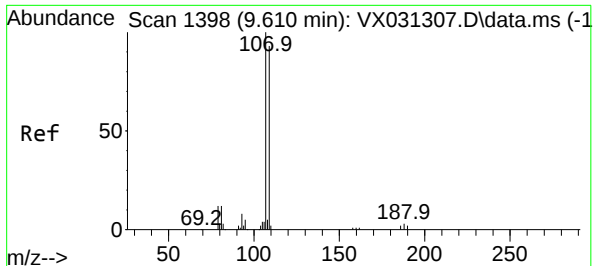
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 56.563 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Tgt Ion:129 Resp: 71878
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1





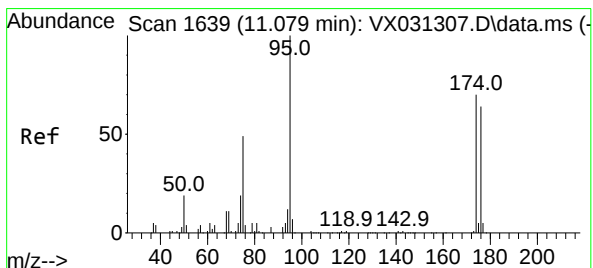
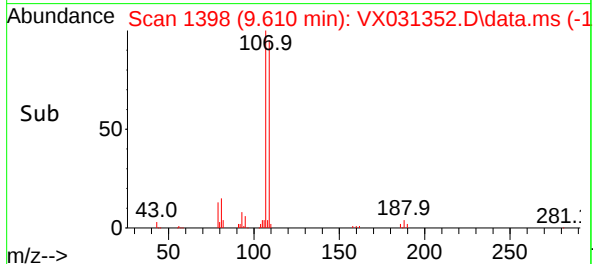
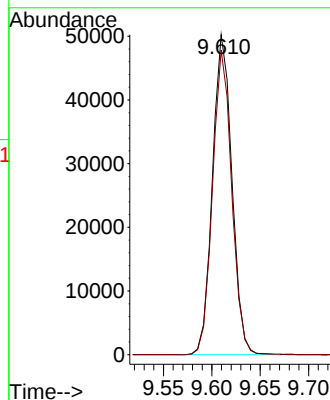
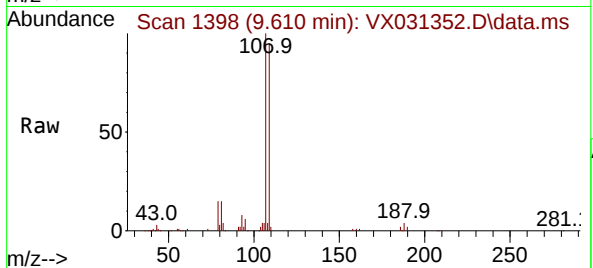
#61
1,2-Dibromoethane
Concen: 57.831 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 69940
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4

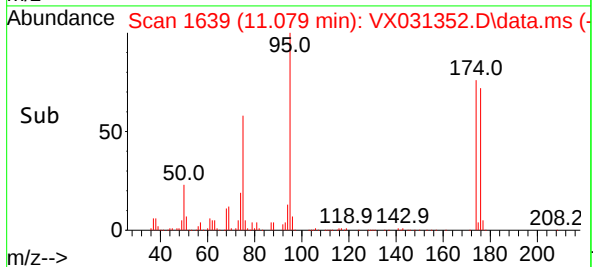
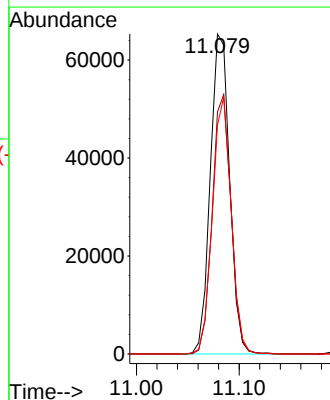
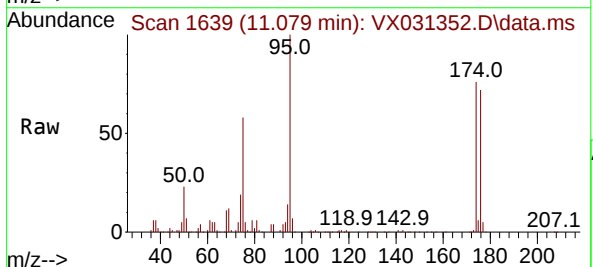
Manual Integrations
APPROVED

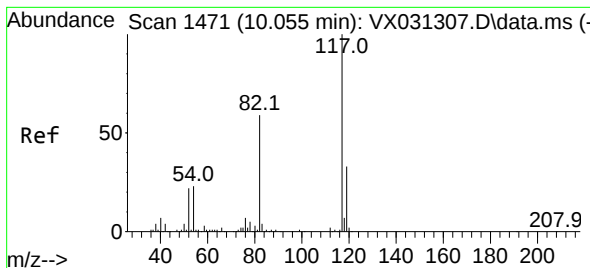
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#62
4-Bromofluorobenzene
Concen: 57.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

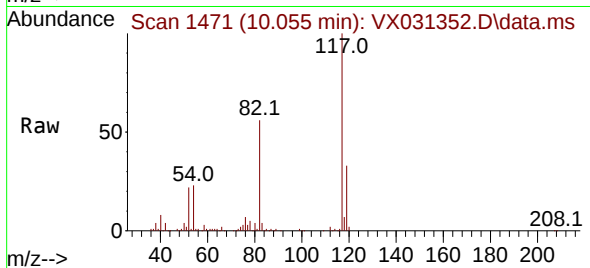
Tgt Ion: 95 Resp: 85245
Ion Ratio Lower Upper
95 100
174 79.0 0.0 153.2
176 77.9 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

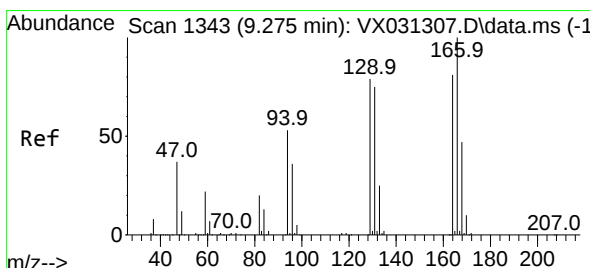
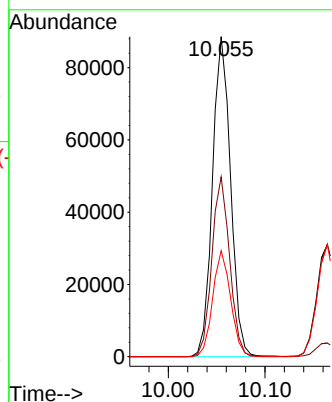
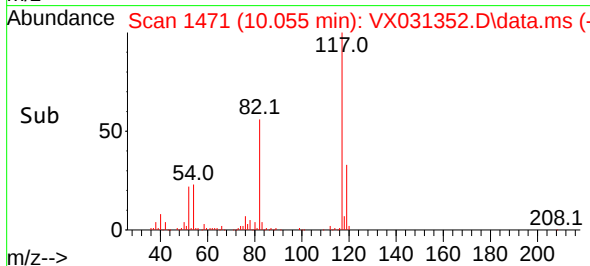
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion:117 Resp: 115085
Ion Ratio Lower Upper
117 100
82 56.2 46.8 70.2
119 33.1 26.4 39.6

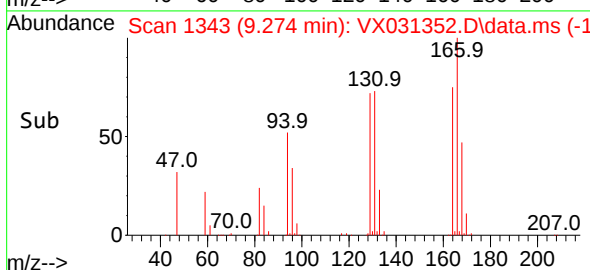
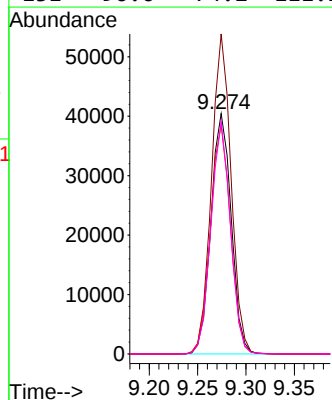
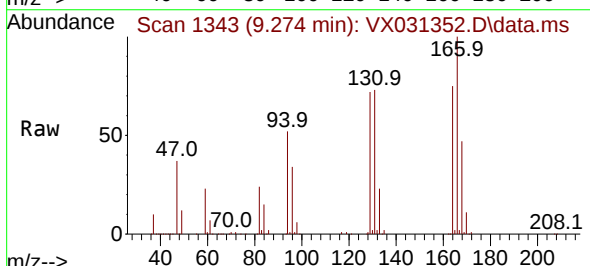
Manual Integrations
APPROVED

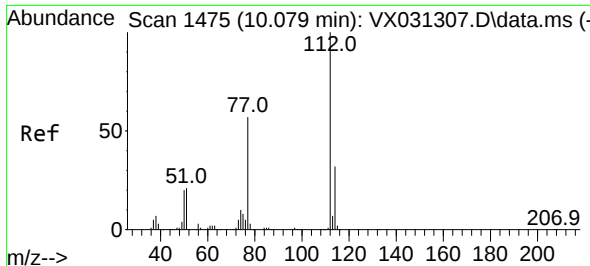
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#64
Tetrachloroethene
Concen: 55.963 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

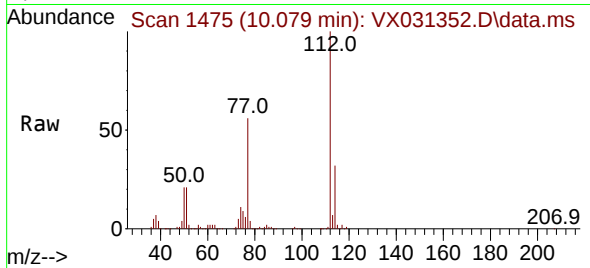
Tgt Ion:164 Resp: 58886
Ion Ratio Lower Upper
164 100
166 133.2 99.0 148.4
129 95.3 78.0 117.0
131 96.6 74.2 111.2





#65
Chlorobenzene
Concen: 55.326 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

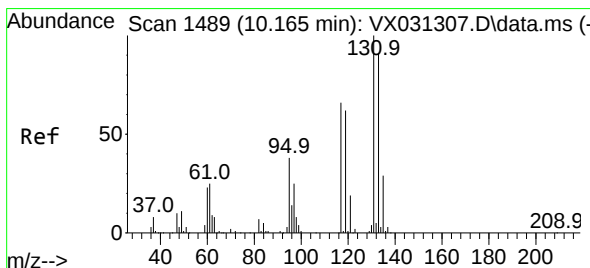
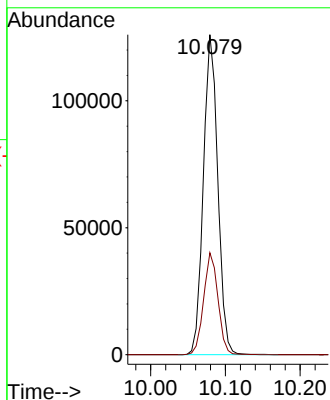
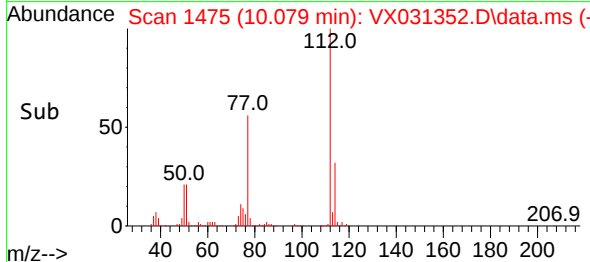
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 16863
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

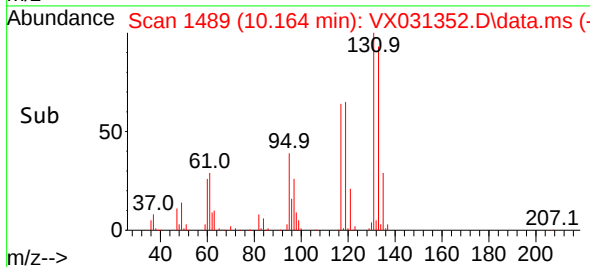
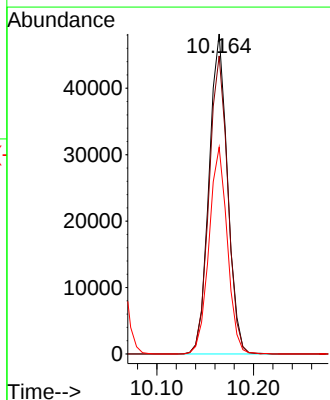
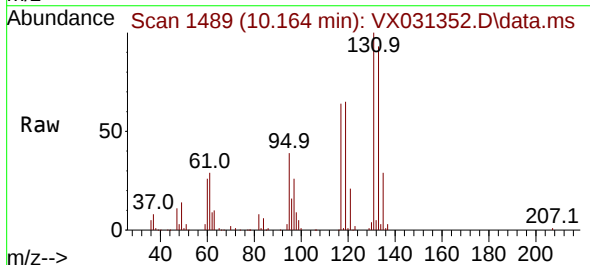
Manual Integrations
APPROVED

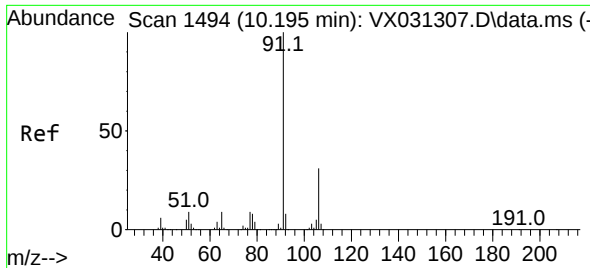
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.165 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

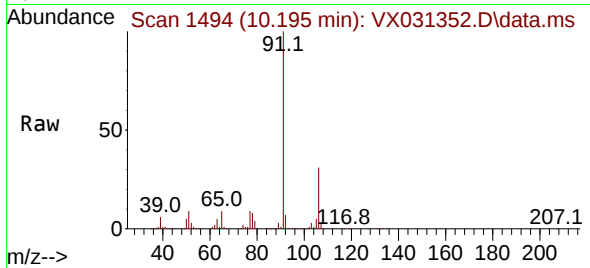
Tgt Ion:131 Resp: 63846
Ion Ratio Lower Upper
131 100
133 94.9 46.6 139.7
119 64.2 31.9 95.9





#67
Ethyl Benzene
Concen: 54.737 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

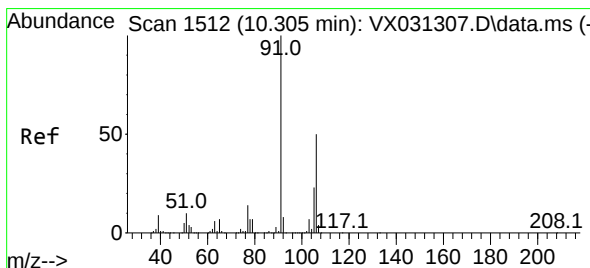
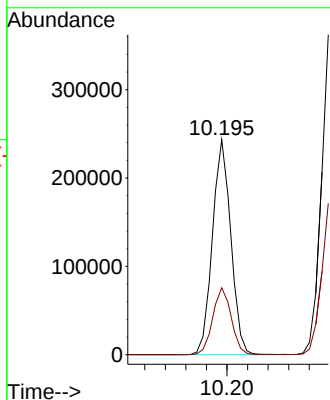
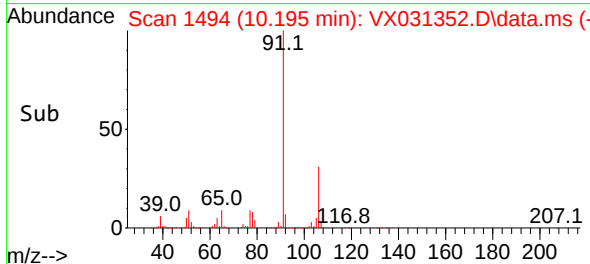
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



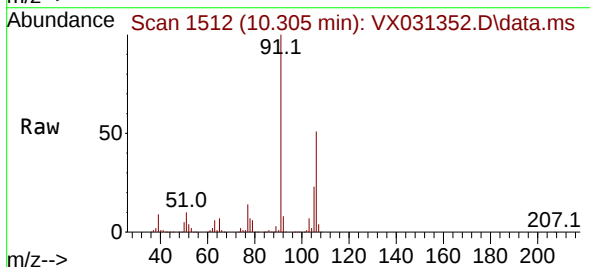
Tgt Ion: 91 Resp: 302189
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8

Manual Integrations
APPROVED

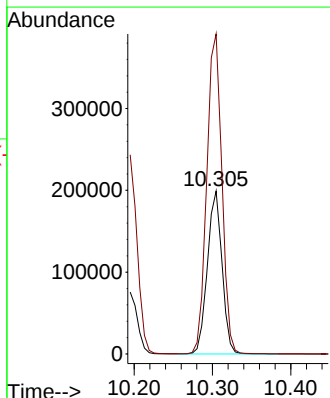
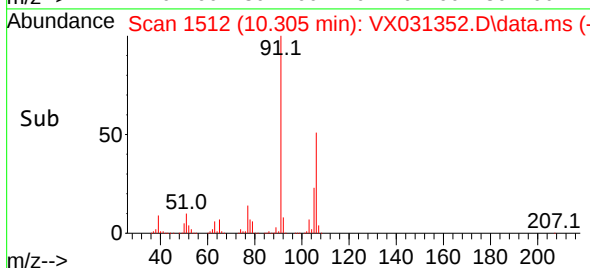
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

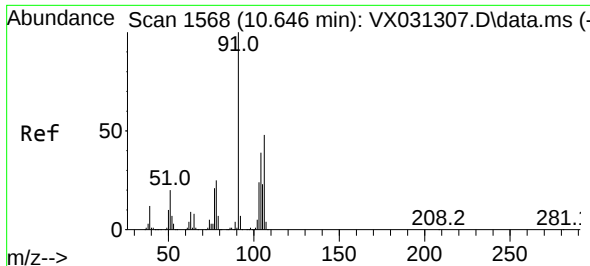


#68
m/p-Xylenes
Concen: 122.776 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



Tgt Ion:106 Resp: 257373
Ion Ratio Lower Upper
106 100
91 203.0 161.0 241.4





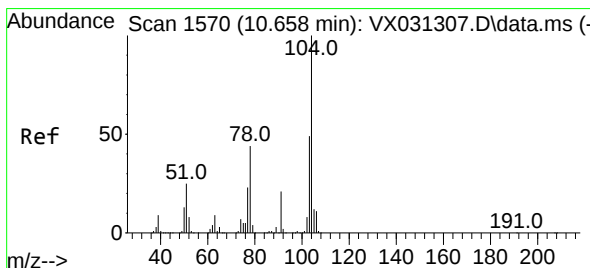
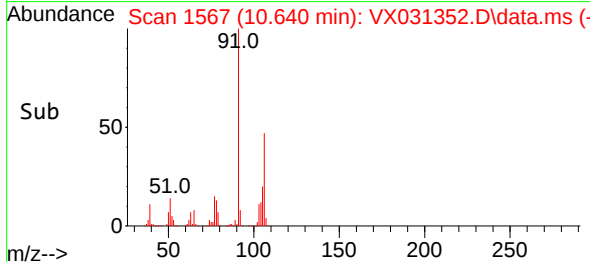
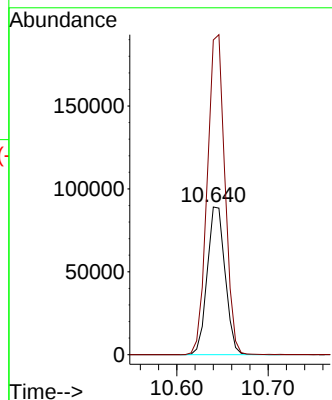
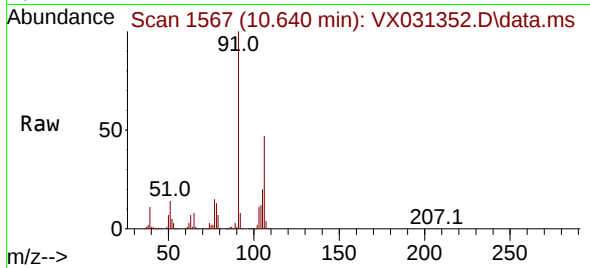
#69
o-Xylene
Concen: 56.876 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 121099
Ion Ratio Lower Upper
106 100
91 213.6 107.2 321.6

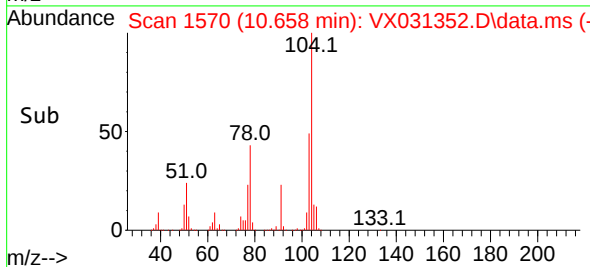
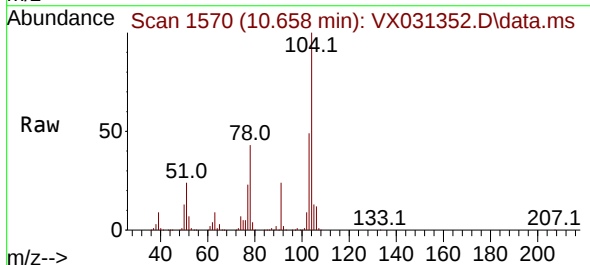
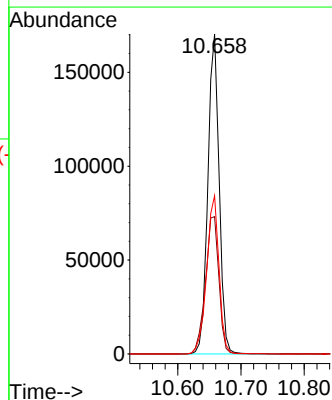
Manual Integrations
APPROVED

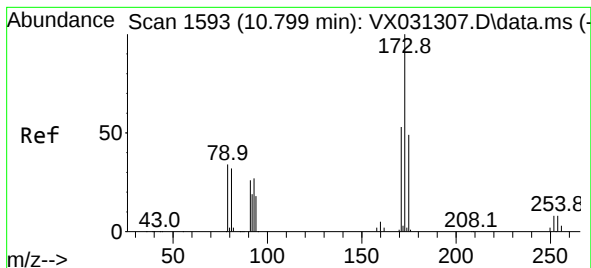
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 61.239 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Tgt Ion:104 Resp: 212029
Ion Ratio Lower Upper
104 100
78 51.0 41.4 62.2
103 54.1 43.8 65.8





#71

Bromoform

Concen: 56.667 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

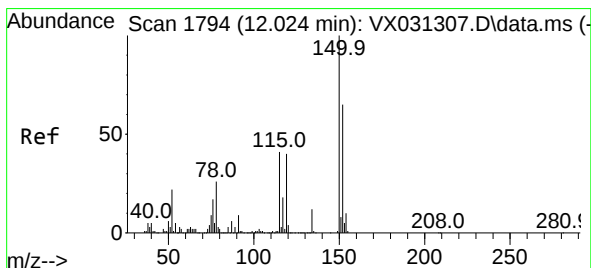
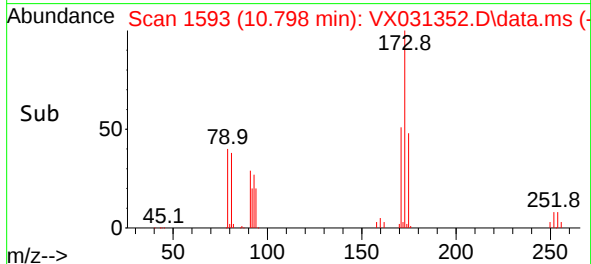
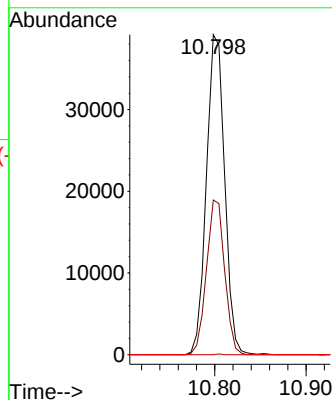
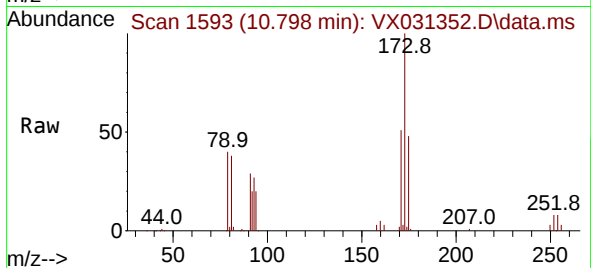
Tgt Ion:173	Resp:	54170
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.0 72.0
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

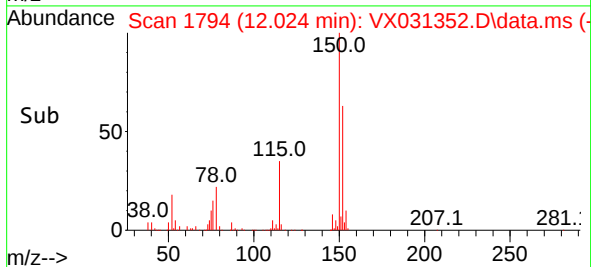
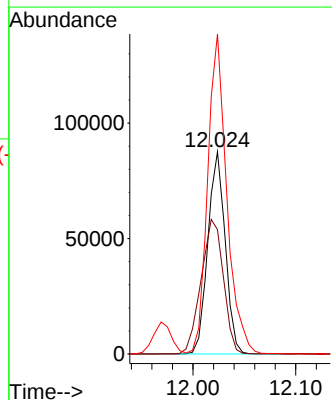
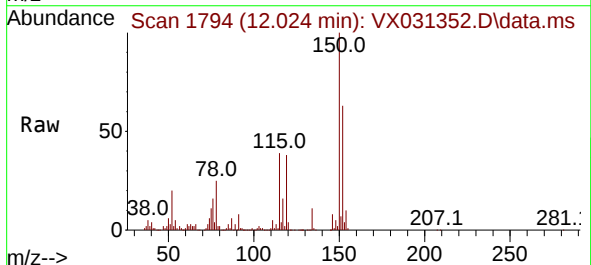
RT: 12.024 min Scan# 1794

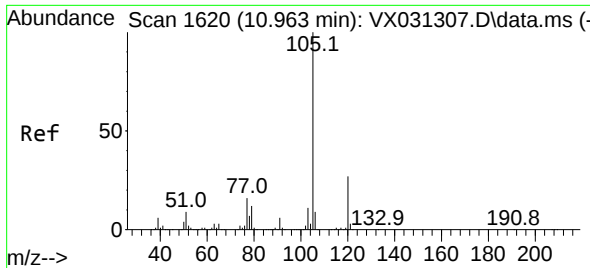
Delta R.T. -0.000 min

Lab File: VX031352.D

Acq: 15 Sep 2022 13:46

Tgt Ion:152	Resp:	102825
Ion Ratio	Lower	Upper
152	100	
115	85.4	43.4 130.1
150	174.0	0.0 346.8





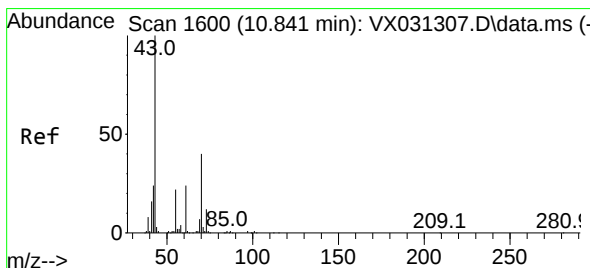
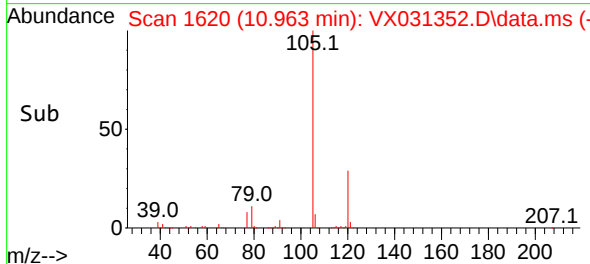
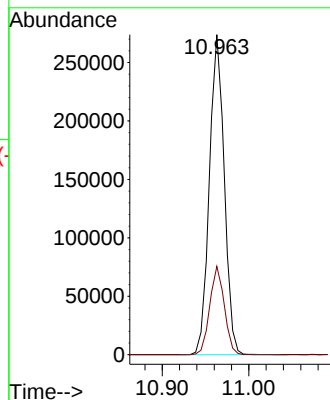
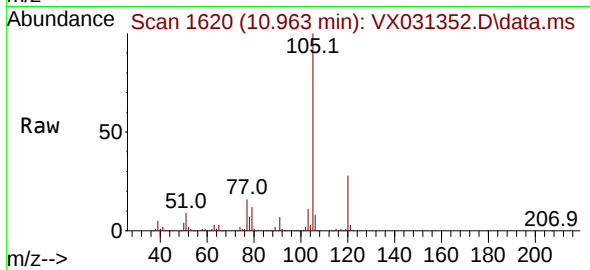
#73
Isopropylbenzene
Concen: 43.003 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 32659
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

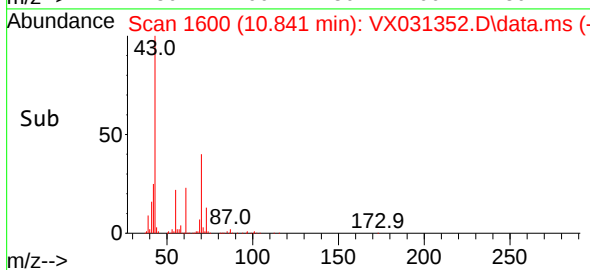
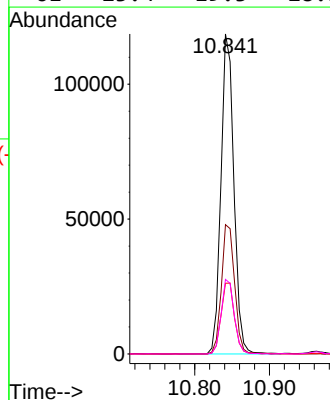
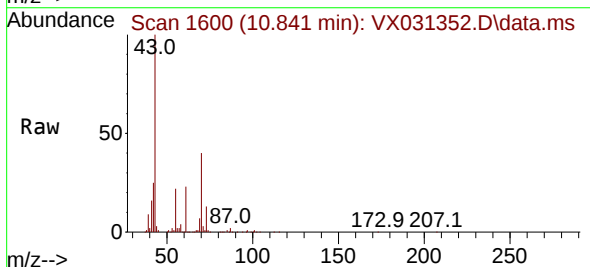
Manual Integrations
APPROVED

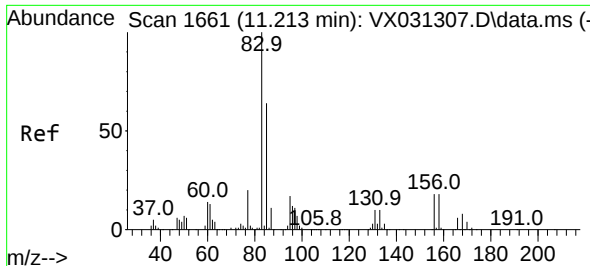
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#74
N-ethyl acetate
Concen: 37.723 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

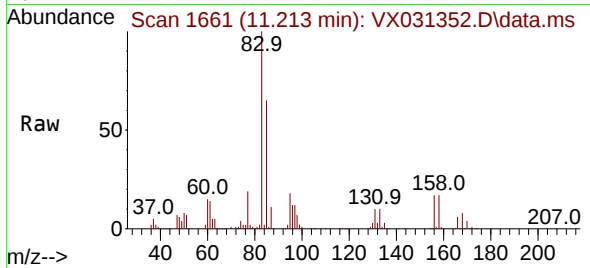
Tgt Ion: 43 Resp: 142429
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.2
55 23.0 18.2 27.2
61 23.4 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 40.318 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

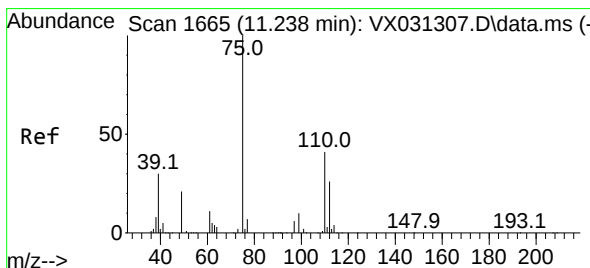
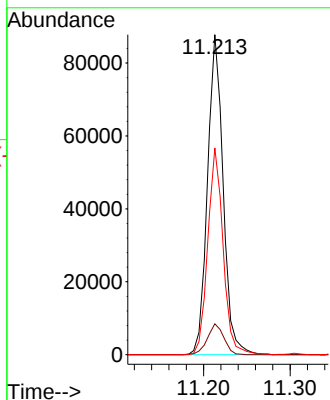
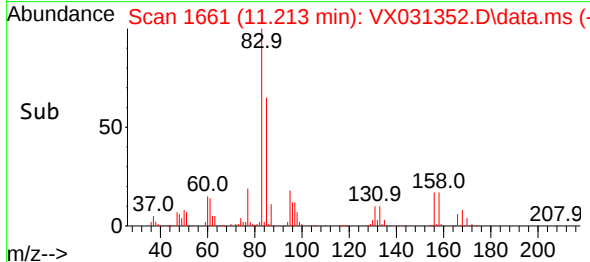
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



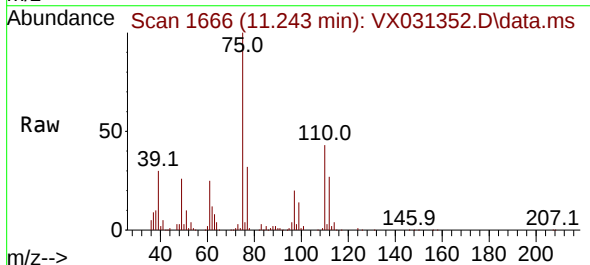
Tgt Ion: 83 Resp: 11004
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 63.4 32.6 97.8

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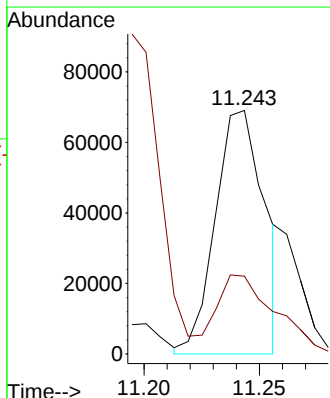
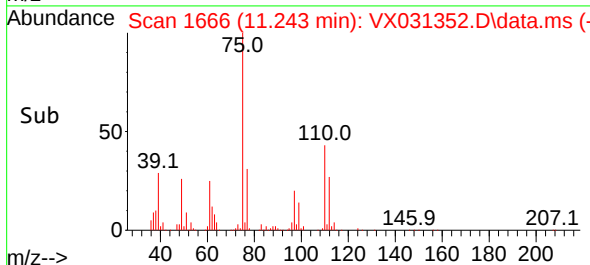
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

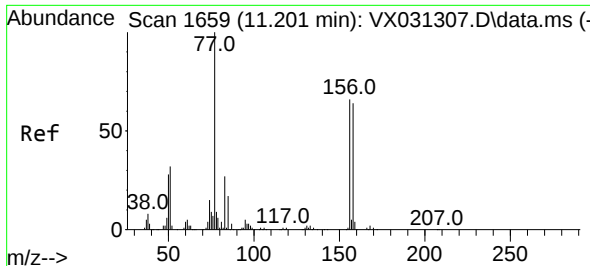


#76
1,2,3-Trichloropropane
Concen: 39.510 ug/l m
RT: 11.243 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



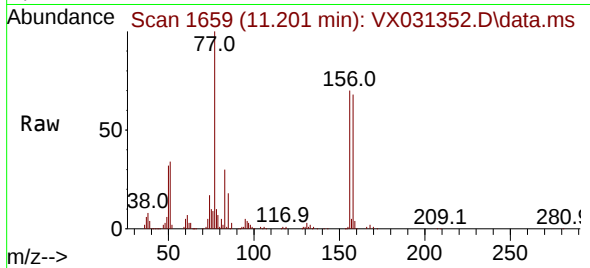
Tgt Ion: 75 Resp: 102378
Ion Ratio Lower Upper
75 100
77 39.6 20.3 60.9





#77
Bromobenzene
Concen: 43.512 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

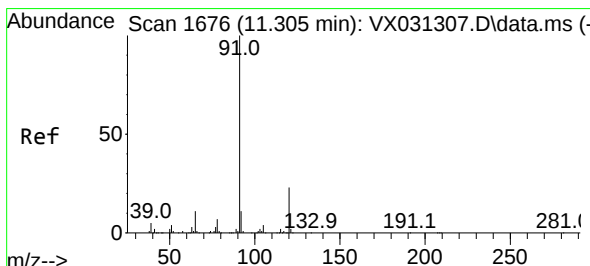
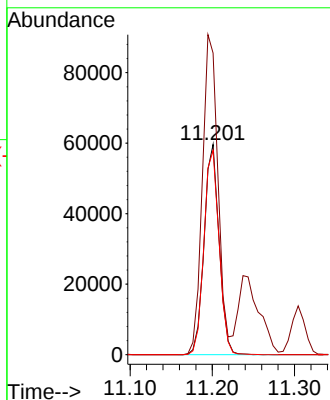
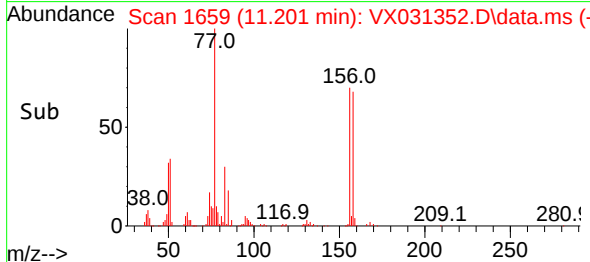
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



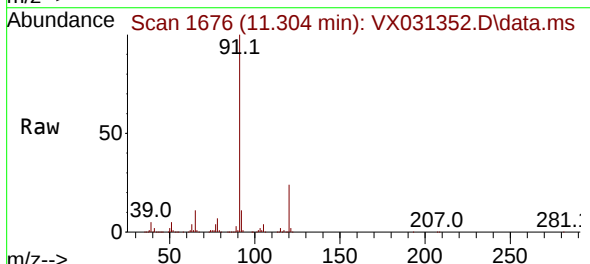
Tgt Ion:156 Resp: 75350
Ion Ratio Lower Upper
156 100
77 157.7 79.5 238.6
158 98.5 48.4 145.3

Manual Integrations
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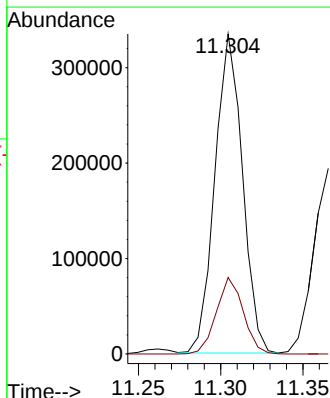
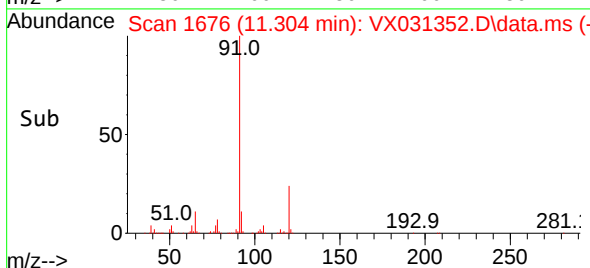
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

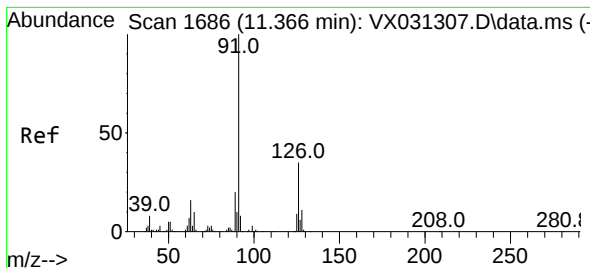


#78
n-propylbenzene
Concen: 43.675 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



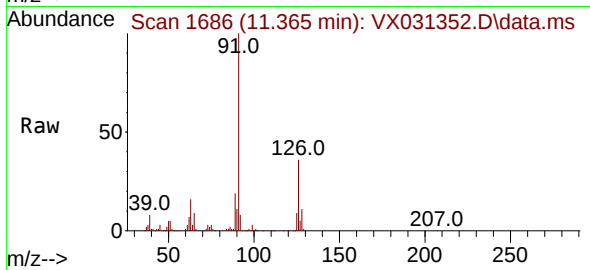
Tgt Ion: 91 Resp: 389277
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





#79
2-Chlorotoluene
Concen: 42.916 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

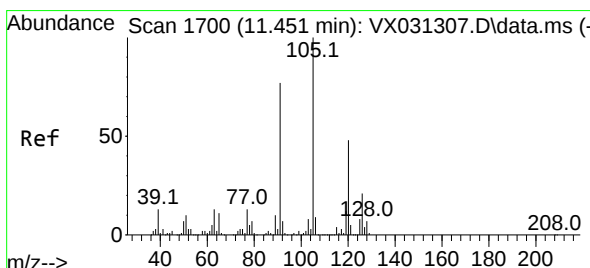
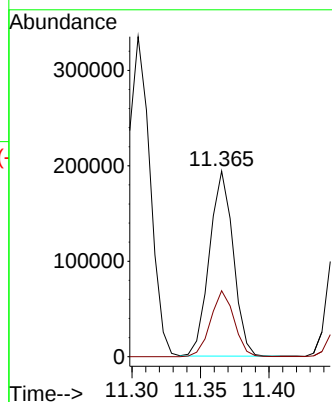
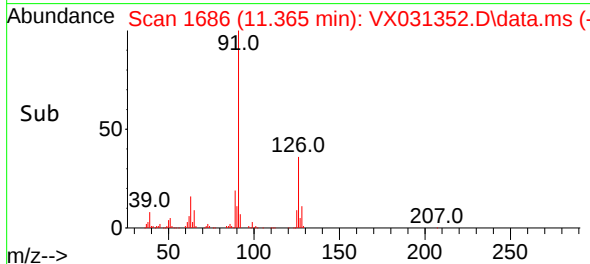
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



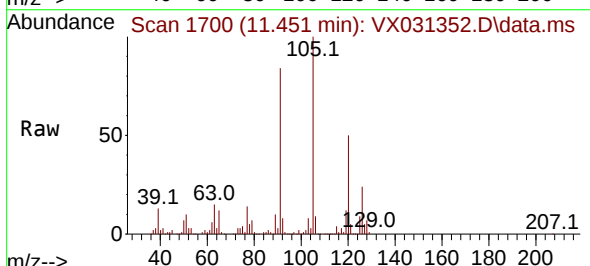
Tgt Ion: 91 Resp: 234048
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3

Manual Integrations
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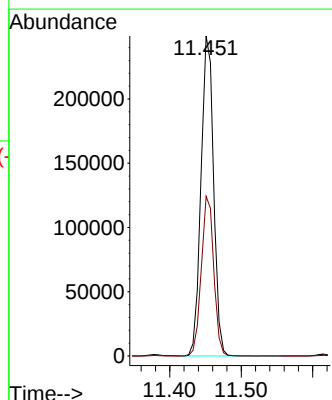
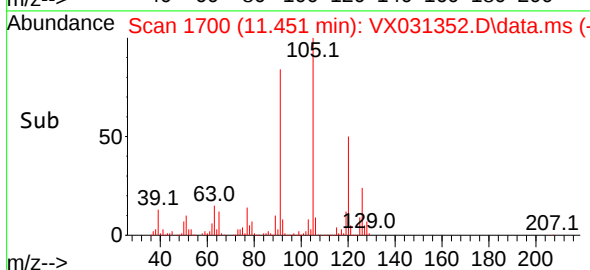
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

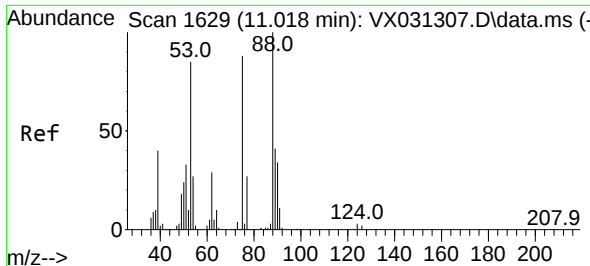


#80
1,3,5-Trimethylbenzene
Concen: 47.718 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



Tgt Ion:105 Resp: 303631
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5





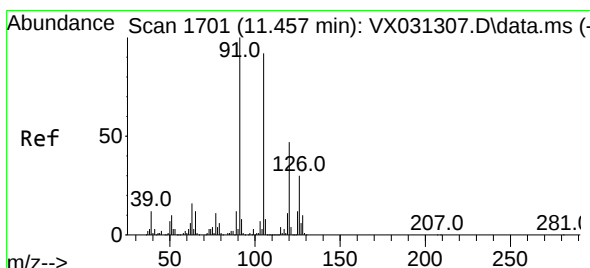
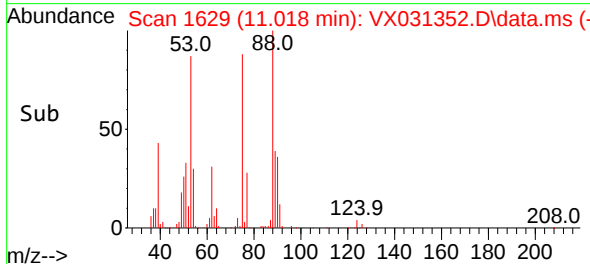
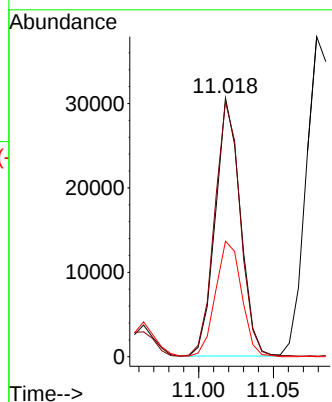
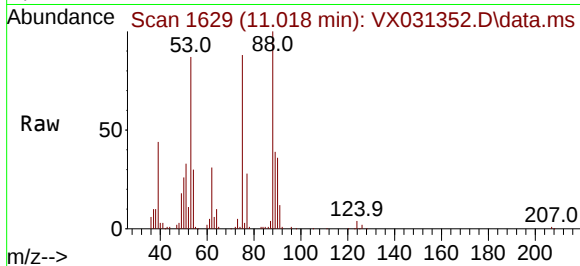
#81
trans-1,4-Dichloro-2-butene
Concen: 37.863 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3545
Ion Ratio Lower Upper
75 100
53 101.6 77.6 116.4
89 46.7 37.4 56.0

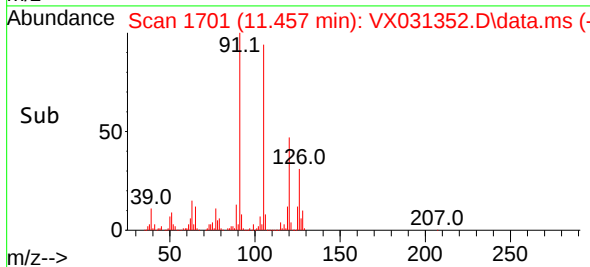
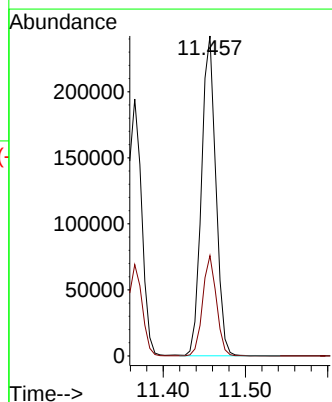
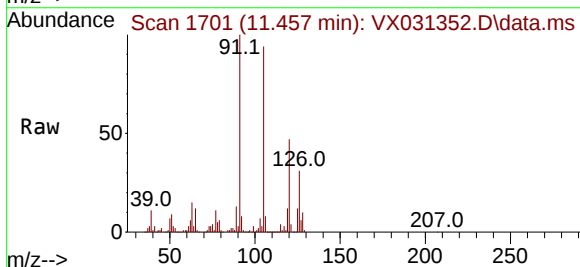
Manual Integrations
APPROVED

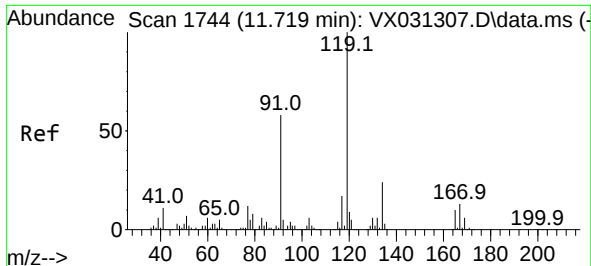
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 46.997 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

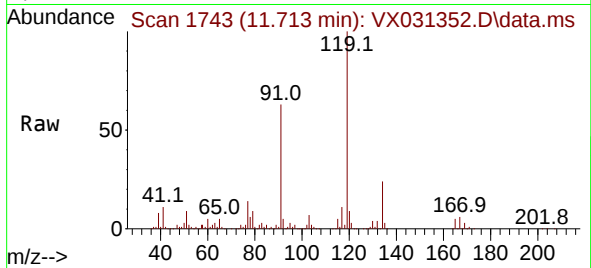
Tgt Ion: 91 Resp: 293779
Ion Ratio Lower Upper
91 100
126 30.1 15.1 45.3





#83
 tert-Butylbenzene
 Concen: 46.701 ug/l
 RT: 11.713 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX031352.D
 Acq: 15 Sep 2022 13:46

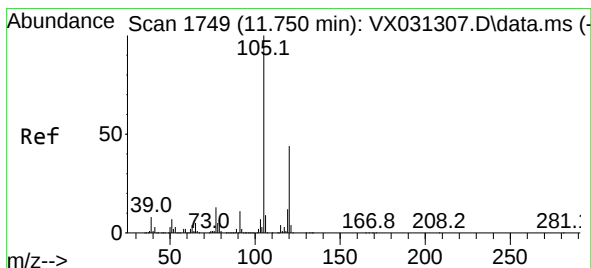
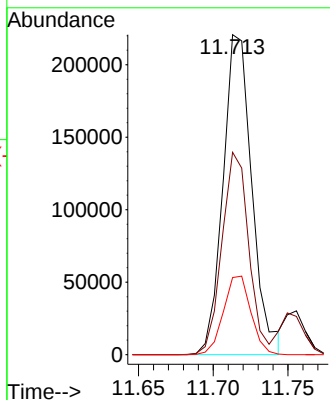
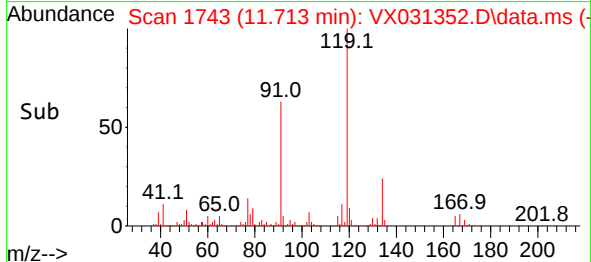
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



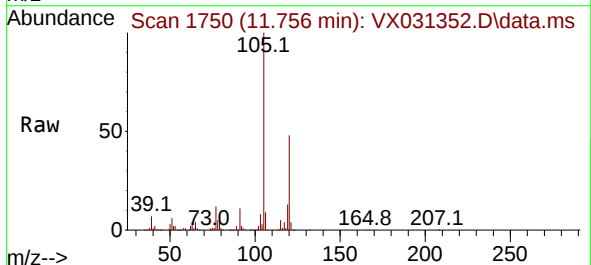
Tgt Ion:119 Resp: 29730
 Ion Ratio Lower Upper
 119 100
 91 58.6 29.2 87.6
 134 23.3 11.6 34.8

Manual Integrations
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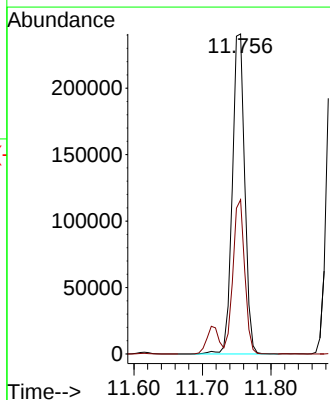
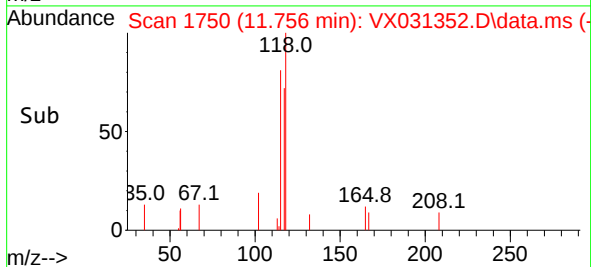
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

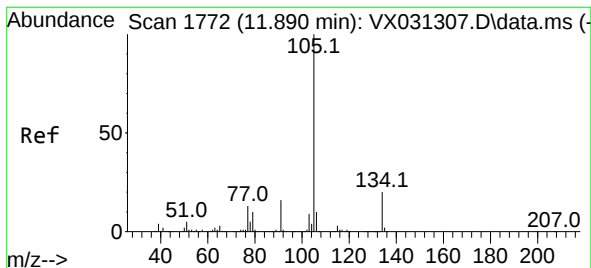


#84
 1,2,4-Trimethylbenzene
 Concen: 47.910 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX031352.D
 Acq: 15 Sep 2022 13:46



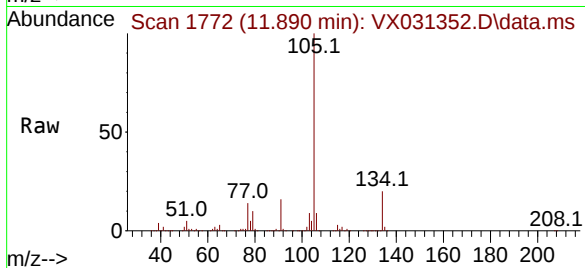
Tgt Ion:105 Resp: 302995
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 47.387 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031352.D
 Acq: 15 Sep 2022 13:46

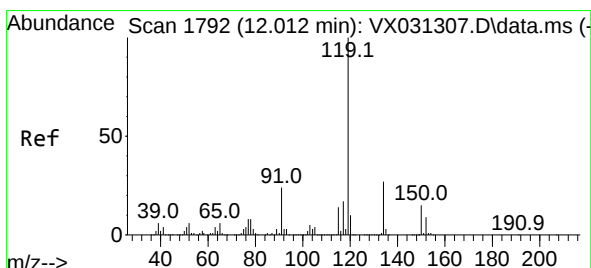
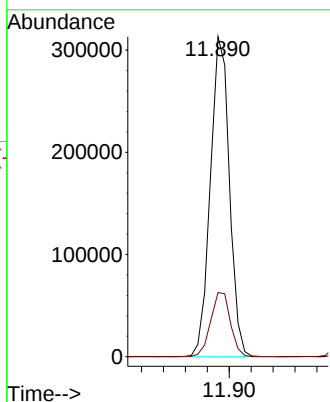
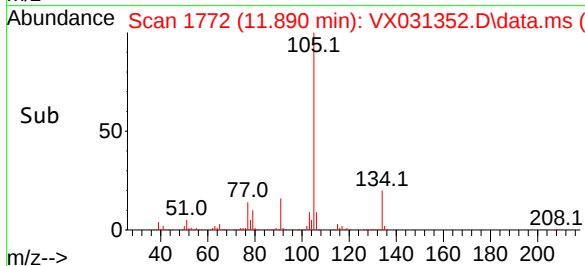
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



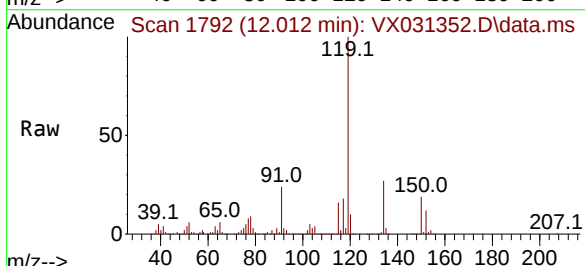
Tgt Ion:105 Resp: 377749
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

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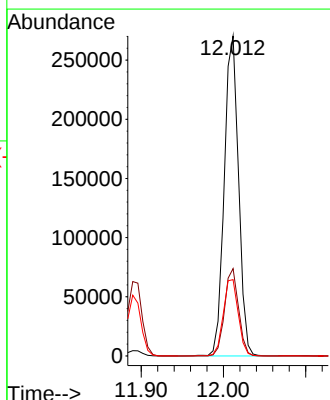
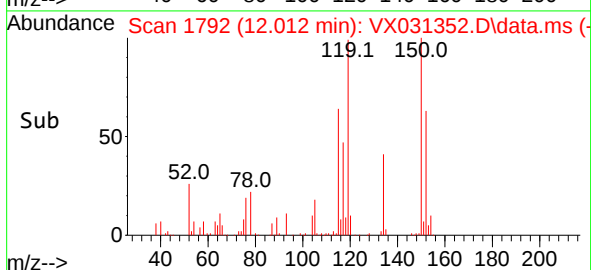
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

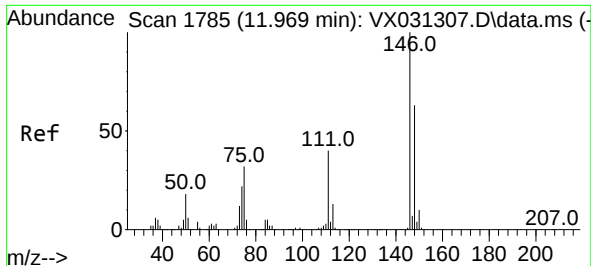


#86
 p-Isopropyltoluene
 Concen: 50.442 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031352.D
 Acq: 15 Sep 2022 13:46



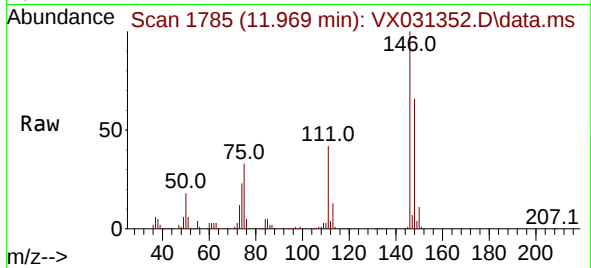
Tgt Ion:119 Resp: 327664
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.640 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

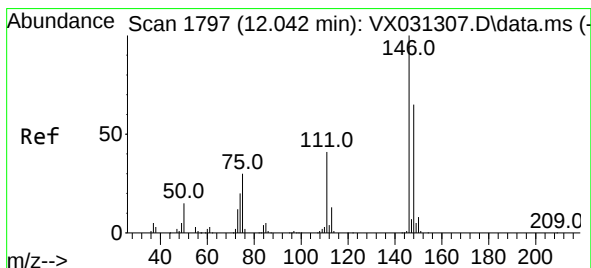
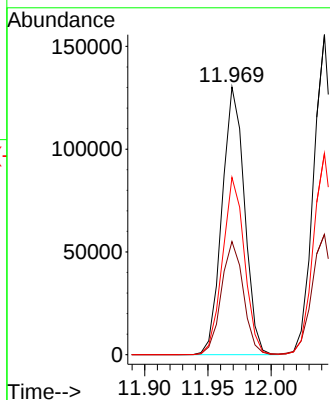
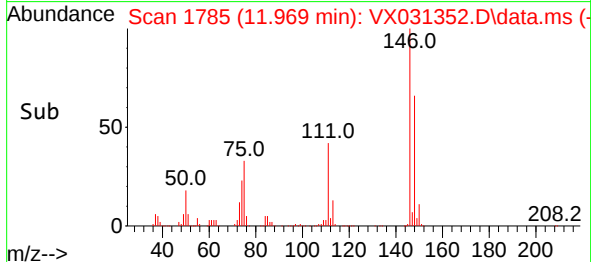
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



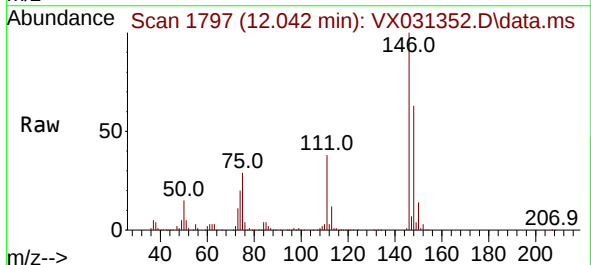
Tgt Ion:146 Resp: 16058
Ion Ratio Lower Upper
146 100
111 41.5 19.8 59.4
148 64.7 31.5 94.5

Manual Integrations
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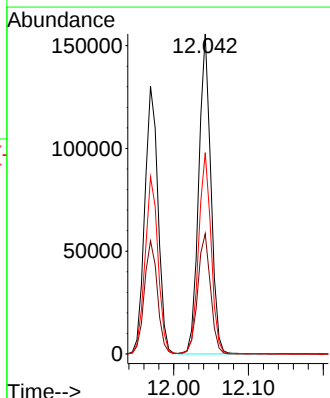
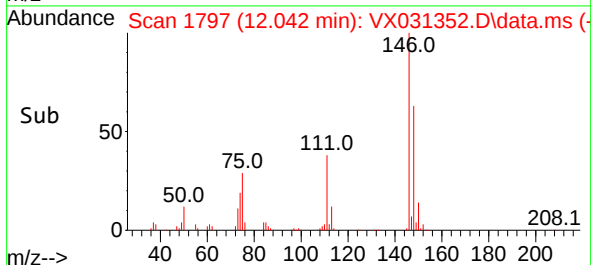
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#88
1,4-Dichlorobenzene
Concen: 51.488 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



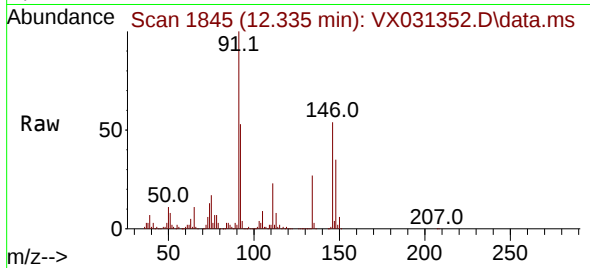
Tgt Ion:146 Resp: 174711
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 64.5 32.0 96.2





#89
n-Butylbenzene
Concen: 49.892 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

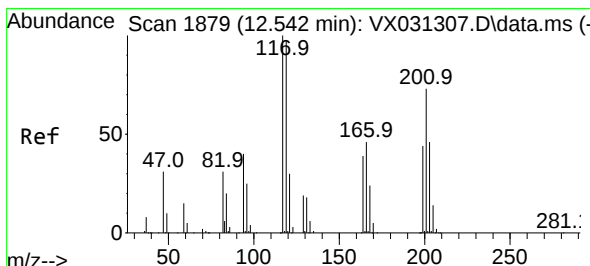
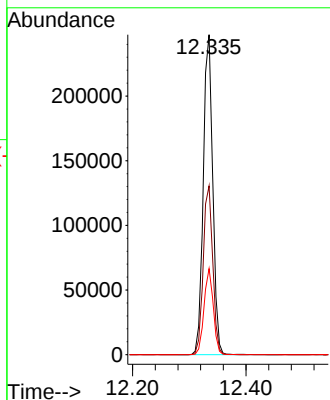
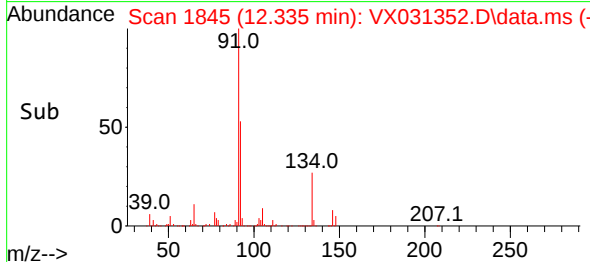
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28739
Ion Ratio Lower Upper
91 100
92 53.1 27.0 81.0
134 26.3 13.3 39.9

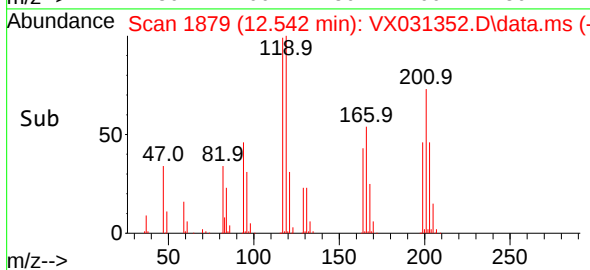
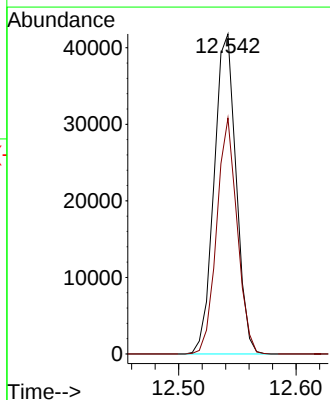
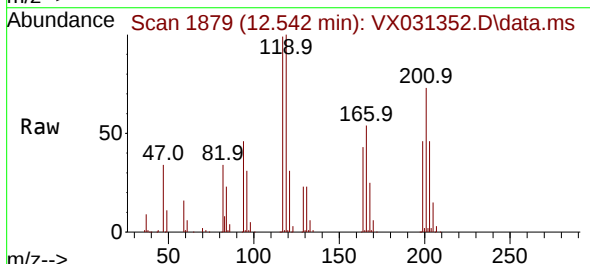
Manual Integrations
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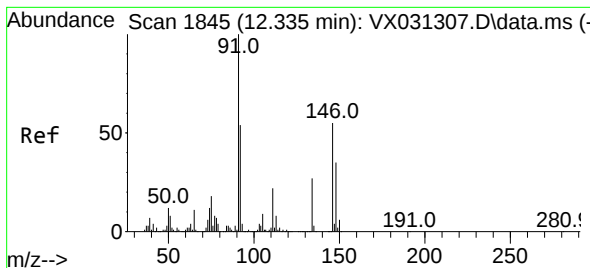
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#90
Hexachloroethane
Concen: 42.058 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

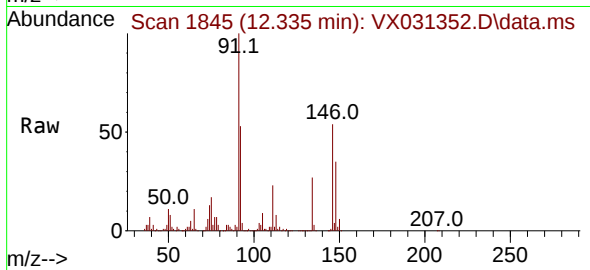
Tgt Ion:117 Resp: 54560
Ion Ratio Lower Upper
117 100
201 68.5 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 49.151 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

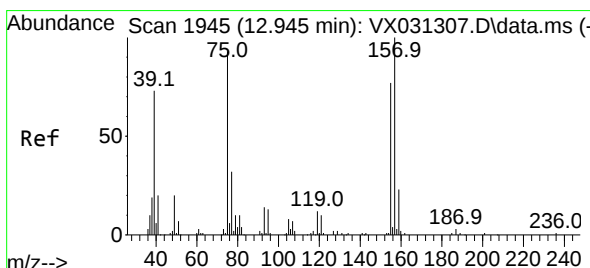
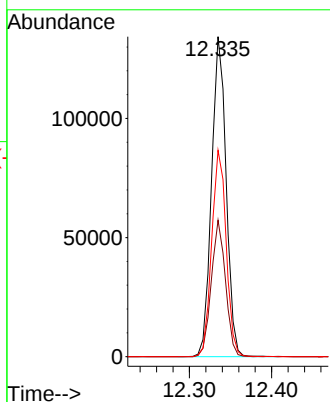
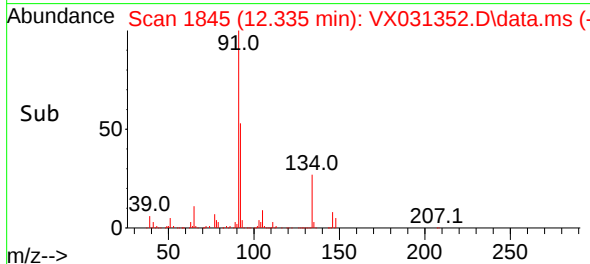
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



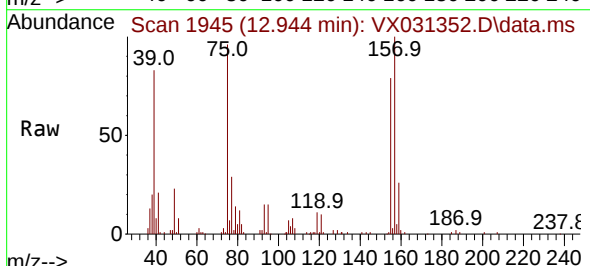
Tgt Ion:146 Resp: 165212
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 64.2 31.6 95.0

Manual Integrations
APPROVED

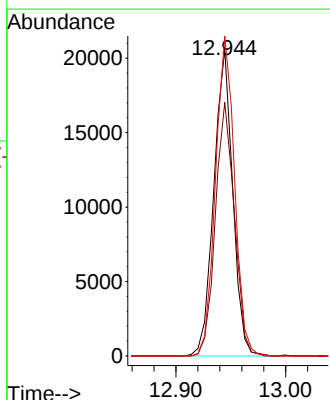
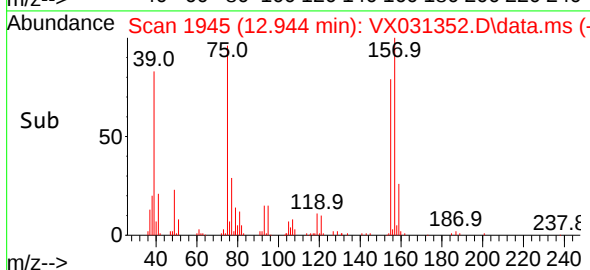
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

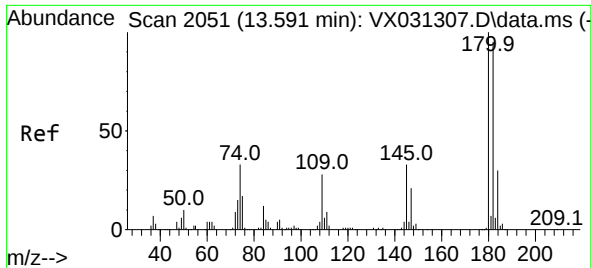


#92
1,2-Dibromo-3-Chloropropane
Concen: 38.999 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46



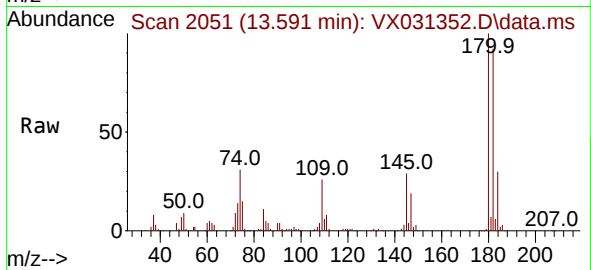
Tgt Ion: 75 Resp: 24676
Ion Ratio Lower Upper
75 100
155 83.4 40.3 120.8
157 105.2 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 47.111 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

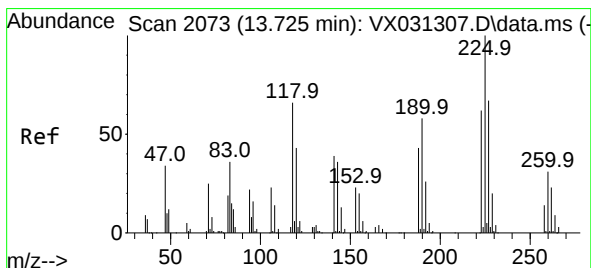
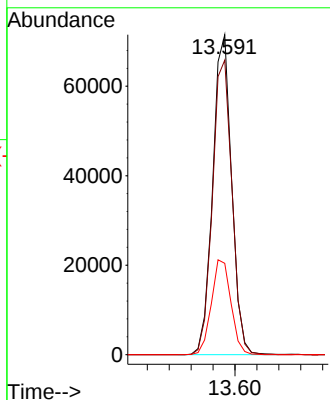
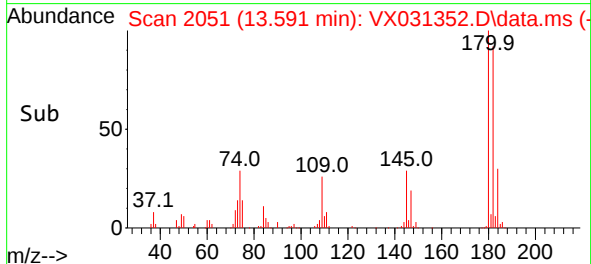
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 85748
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 30.7 16.7 50.1

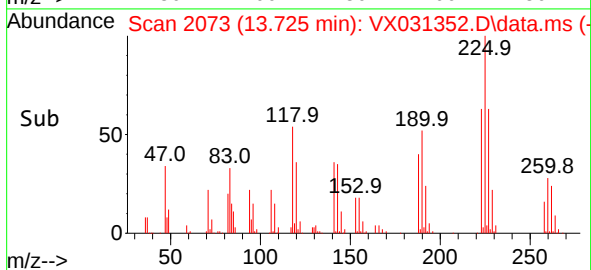
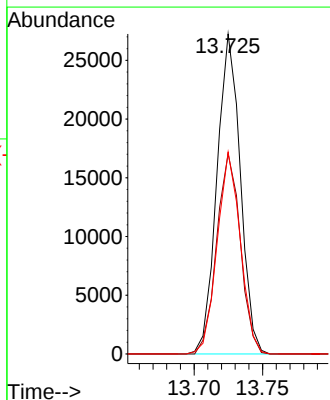
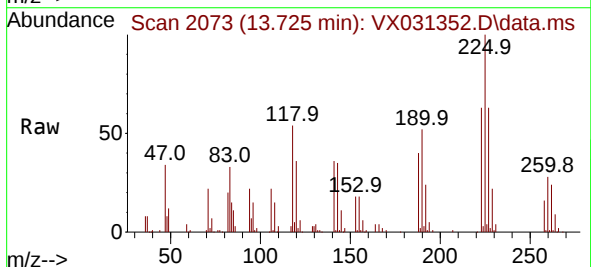
Manual Integrations
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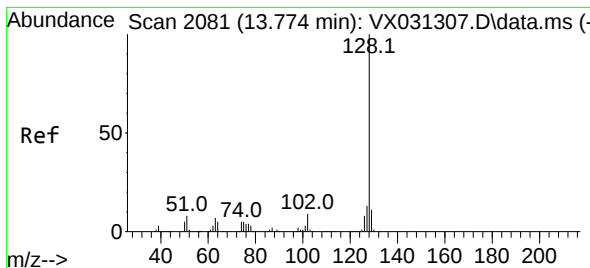
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#94
Hexachlorobutadiene
Concen: 45.398 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

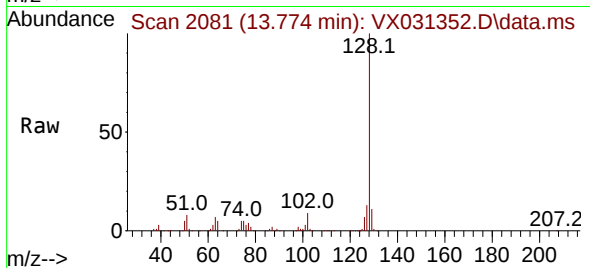
Tgt Ion:225 Resp: 32255
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.4
227 62.6 32.3 96.9





#95
Naphthalene
Concen: 42.919 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

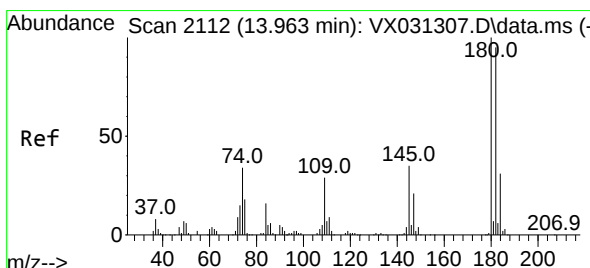
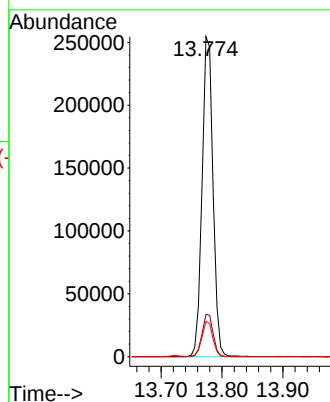
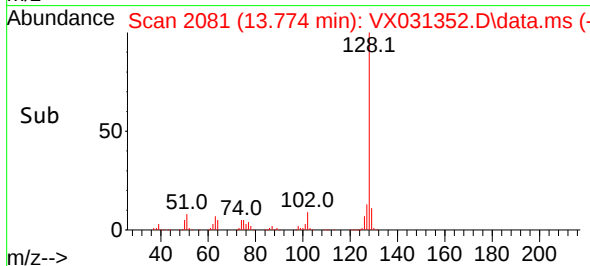
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 31737
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 44.108 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031352.D
Acq: 15 Sep 2022 13:46

Tgt Ion:180 Resp: 85972
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.8
145 33.3 17.6 52.8

