

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031485.D
 Acq On : 20 Sep 2022 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2022
 Supervised By : Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 14:47:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	53645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	80830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54383	55.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.580%			
35) Dibromofluoromethane	5.385	113	46756	56.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.100%			
50) Toluene-d8	8.647	98	174488	54.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.360%			
62) 4-Bromofluorobenzene	11.079	95	63049	57.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43014	55.769	ug/l	97
3) Chloromethane	1.288	50	49730	48.601	ug/l	99
4) Vinyl Chloride	1.374	62	58161	49.848	ug/l	99
5) Bromomethane	1.611	94	85526	51.480	ug/l	97
6) Chloroethane	1.685	64	83837	85.036	ug/l	97
7) Trichlorofluoromethane	1.886	101	123966	46.841	ug/l	100
8) Diethyl Ether	2.136	74	40234	44.140	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	43078	49.872	ug/l	92
10) Methyl Iodide	2.453	142	47341	56.648	ug/l	98
11) Tert butyl alcohol	3.001	59	45910	216.853	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39771	47.629	ug/l	90
13) Acrolein	2.239	56	23212	215.715	ug/l	99
14) Allyl chloride	2.666	41	61516	45.177	ug/l	92
15) Acrylonitrile	3.068	53	118959	229.773	ug/l	98
16) Acetone	2.386	43	104808	270.478	ug/l	99
17) Carbon Disulfide	2.514	76	105842	47.044	ug/l	99
18) Methyl Acetate	2.709	43	64280	43.724	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	142534	47.198	ug/l	98
20) Methylene Chloride	2.788	84	46789	53.395	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	45879	48.657	ug/l	93
22) Diisopropyl ether	3.763	45	143648	48.715	ug/l	97
23) Vinyl Acetate	3.721	43	620954	246.239	ug/l	98
24) 1,1-Dichloroethane	3.611	63	79280	47.576	ug/l	96
25) 2-Butanone	4.562	43	173008	227.780	ug/l	100
26) 2,2-Dichloropropane	4.477	77	71012	48.243	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	54381	47.852	ug/l	90
28) Bromochloromethane	4.897	49	34770	52.231	ug/l	90
29) Tetrahydrofuran	5.007	42	112754	227.633	ug/l	96
30) Chloroform	5.092	83	91276	49.943	ug/l	96
31) Cyclohexane	5.470	56	71445	48.962	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	80091	48.247	ug/l	100
36) 1,1-Dichloropropene	5.690	75	65802	51.215	ug/l	98
37) Ethyl Acetate	4.714	43	69781	45.526	ug/l	100
38) Carbon Tetrachloride	5.678	117	72615	50.988	ug/l	96
39) Methylcyclohexane	7.379	83	80327	50.812	ug/l	95
40) Benzene	6.037	78	191760	50.028	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36699	48.089	ug/l	97
42) 1,2-Dichloroethane	6.092	62	72222	51.119	ug/l	99
43) Isopropyl Acetate	6.342	43	114757	48.713	ug/l	99
44) Trichloroethene	7.129	130	54770	50.395	ug/l	85
45) 1,2-Dichloropropane	7.427	63	47344	49.136	ug/l	97
46) Dibromomethane	7.580	93	37762	50.915	ug/l	94
47) Bromodichloromethane	7.824	83	71266	51.107	ug/l	99
48) Methyl methacrylate	7.696	41	51489	47.841	ug/l	90
49) 1,4-Dioxane	7.690	88	22268	905.986	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	374991	247.480	ug/l	99
52) Toluene	8.720	92	131620	52.651	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78049	54.089	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	80477	50.995	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	53355	51.797	ug/l	97
56) Ethyl methacrylate	9.116	69	76509	52.223	ug/l	95
57) 1,3-Dichloropropane	9.311	76	86015	50.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	151313	249.226	ug/l	95
59) 2-Hexanone	9.433	43	288085	253.154	ug/l	99
60) Dibromochloromethane	9.525	129	58894	53.842	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57057	51.417	ug/l	97
64) Tetrachloroethene	9.275	164	57607	51.453	ug/l	97
65) Chlorobenzene	10.079	112	142858	49.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52957	51.061	ug/l	98
67) Ethyl Benzene	10.195	91	255351	50.313	ug/l	100
68) m/p-Xylenes	10.305	106	207701	101.835	ug/l	98
69) o-Xylene	10.640	106	100083	51.410	ug/l	97
70) Styrene	10.659	104	169594	52.911	ug/l	97
71) Bromoform	10.799	173	44023	53.052	ug/l #	99
73) Isopropylbenzene	10.963	105	265733	44.900	ug/l	99
74) N-amyl acetate	10.841	43	110537	46.080	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	83956	52.132	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77240m	43.667	ug/l	
77) Bromobenzene	11.201	156	64307	44.087	ug/l	94
78) n-propylbenzene	11.305	91	321893	47.275	ug/l	98
79) 2-Chlorotoluene	11.366	91	182303	44.982	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	244542	48.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27078	49.291	ug/l	96
82) 4-Chlorotoluene	11.457	91	236538	49.733	ug/l	100
83) tert-Butylbenzene	11.713	119	227566	46.747	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	240527	48.626	ug/l	100
85) sec-Butylbenzene	11.890	105	301975	49.017	ug/l	99
86) p-Isopropyltoluene	12.012	119	267447	51.411	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	129727	46.401	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	145952	50.051	ug/l	98
89) n-Butylbenzene	12.335	91	228270	51.513	ug/l	99
90) Hexachloroethane	12.542	117	44083	49.316	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	134926	47.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18429	45.317	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	75335	48.562	ug/l	98
94) Hexachlorobutadiene	13.725	225	28198	54.477	ug/l	98
95) Naphthalene	13.774	128	262338	46.174	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74124	46.358	ug/l	98

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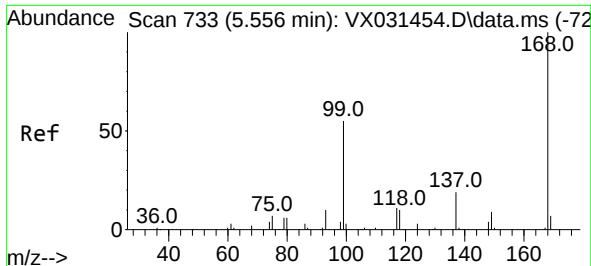
Manual Integrations
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Response via : Initial Calibration

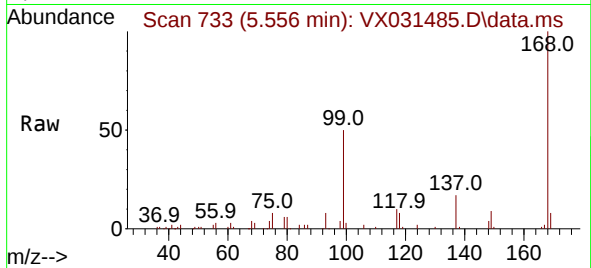
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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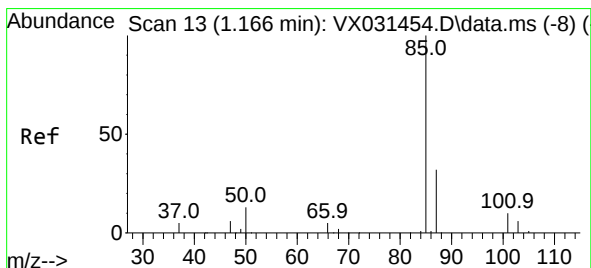
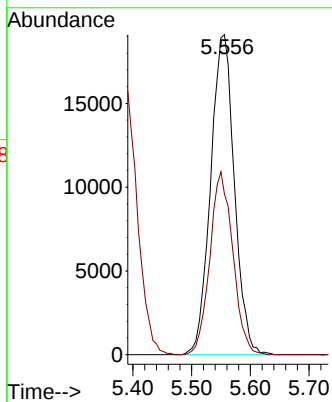
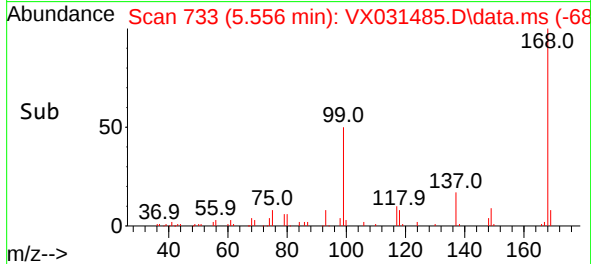
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 5364
Ion Ratio Lower Upper
168 100
99 50.2 48.8 73.2

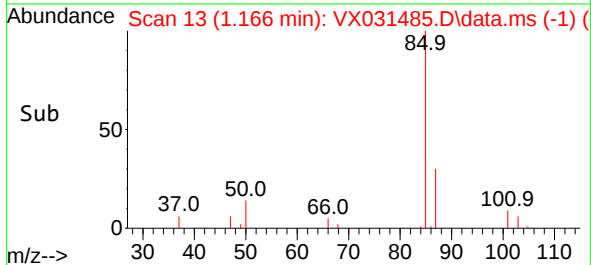
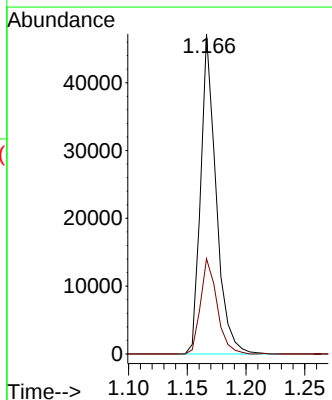
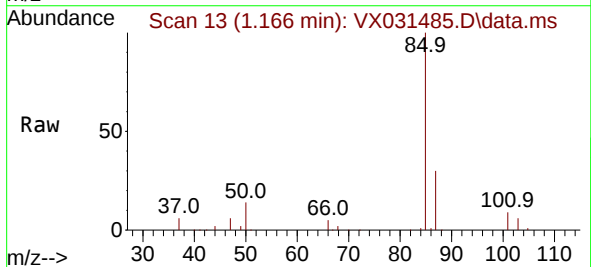
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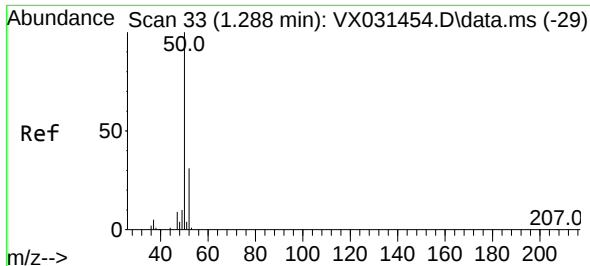
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#2
Dichlorodifluoromethane
Concen: 55.769 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

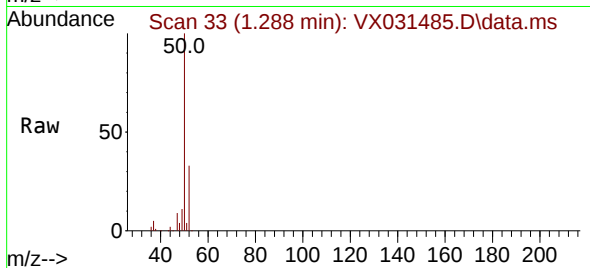
Tgt Ion: 85 Resp: 43014
Ion Ratio Lower Upper
85 100
87 29.8 15.8 47.4





#3
Chloromethane
Concen: 48.601 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

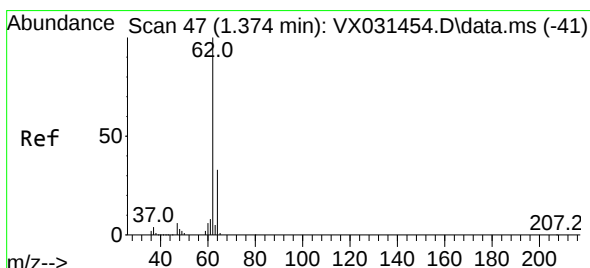
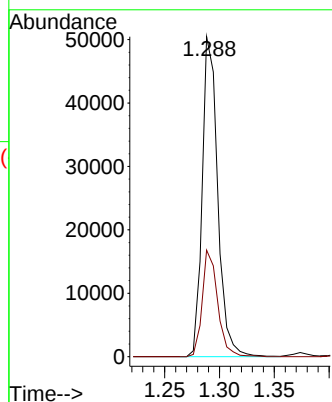
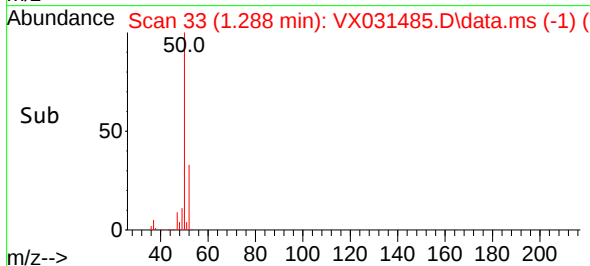
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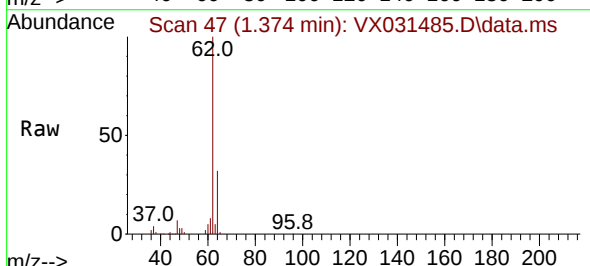
Tgt Ion: 50 Resp: 49730
Ion Ratio Lower Upper
50 100
52 33.3 26.9 40.3

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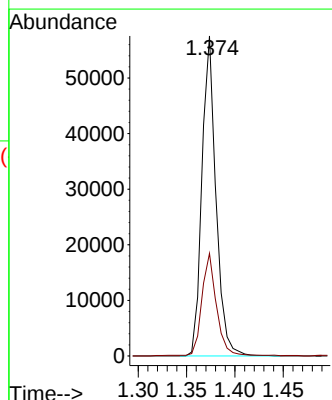
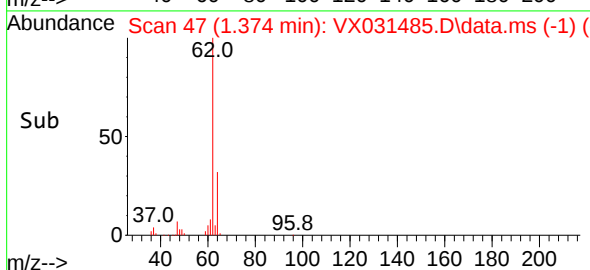
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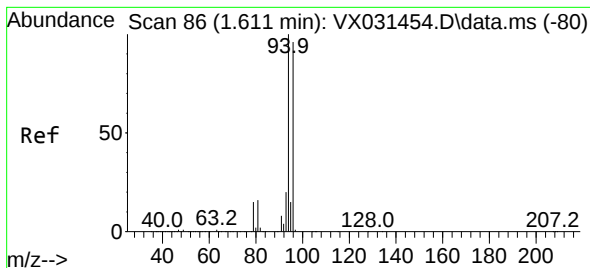


#4
Vinyl Chloride
Concen: 49.848 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



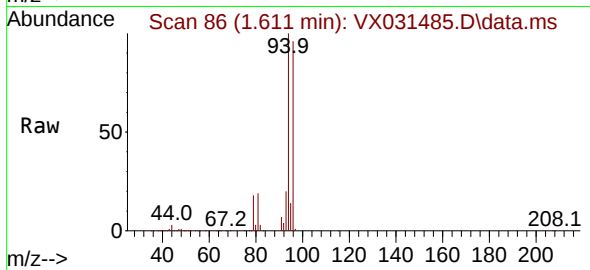
Tgt Ion: 62 Resp: 58161
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9





#5
Bromomethane
Concen: 51.480 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031485.D
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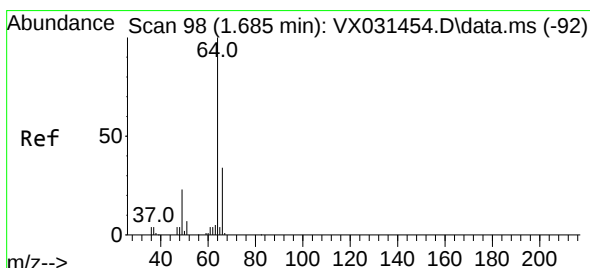
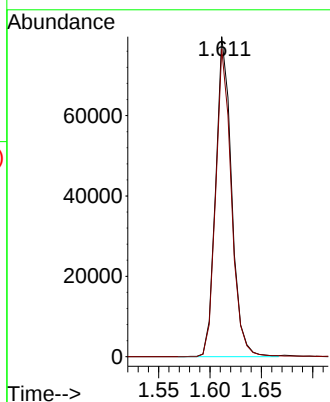
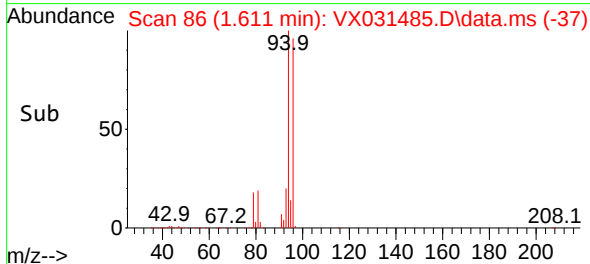
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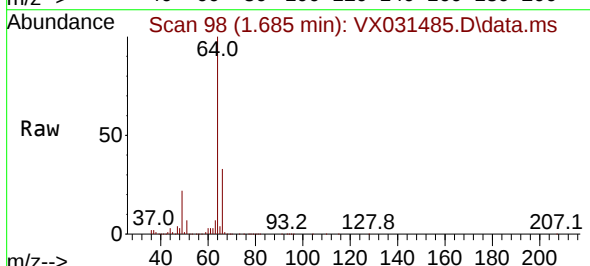
Tgt Ion: 94 Resp: 85520
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6

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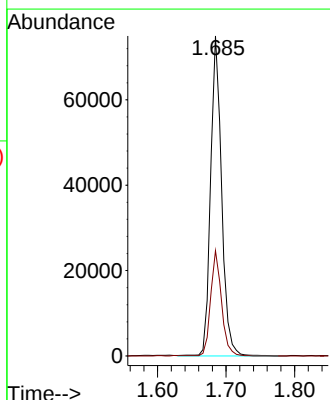
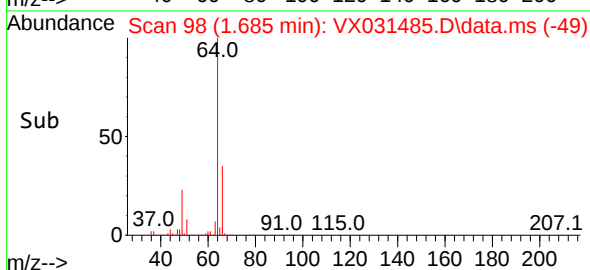
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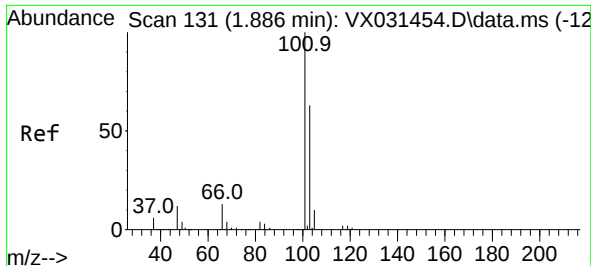


#6
Chloroethane
Concen: 85.036 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 83837
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.4





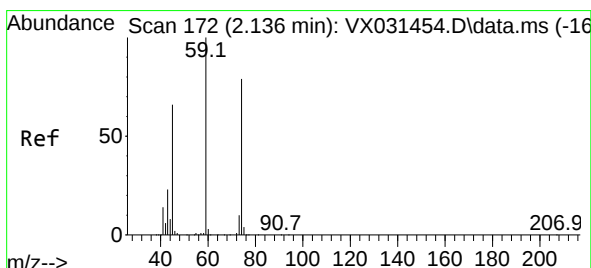
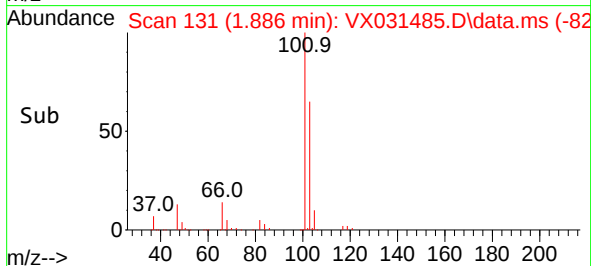
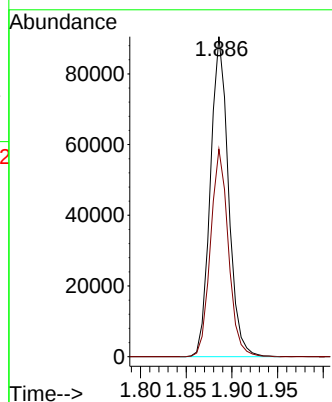
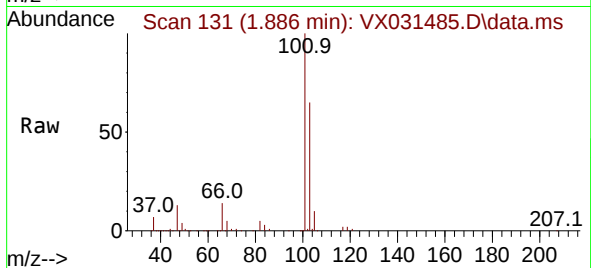
#7
 Trichlorofluoromethane
 Concen: 46.841 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59

Instrument :
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Tgt Ion:101 Resp: 12396
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6

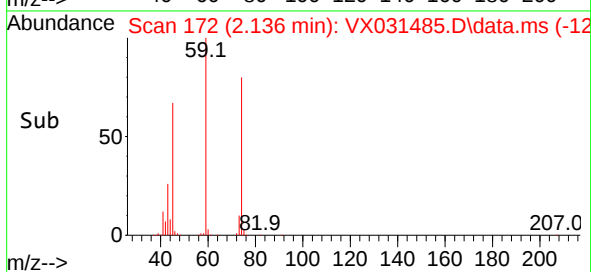
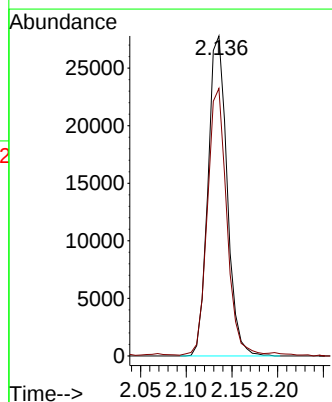
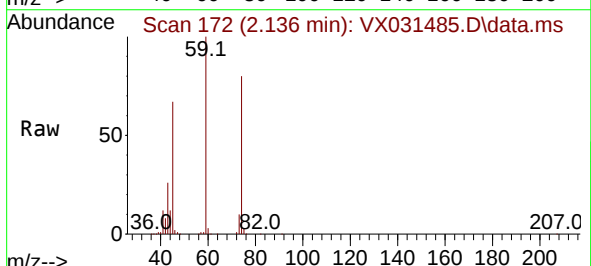
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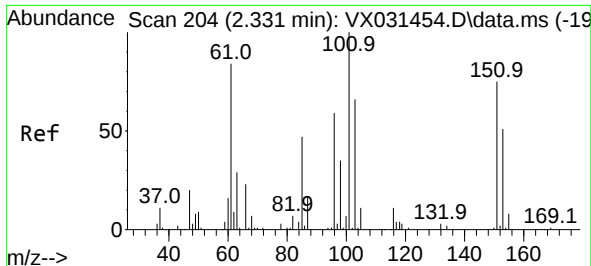
Reviewed By :John Carlone 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#8
 Diethyl Ether
 Concen: 44.140 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59

Tgt Ion: 74 Resp: 40234
 Ion Ratio Lower Upper
 74 100
 45 84.3 48.5 145.6





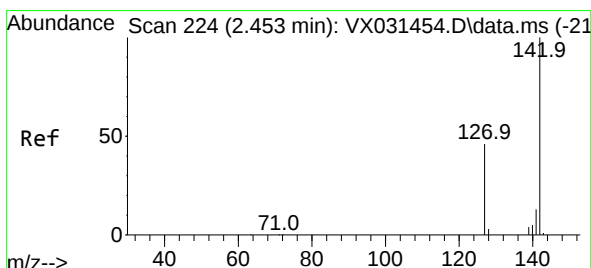
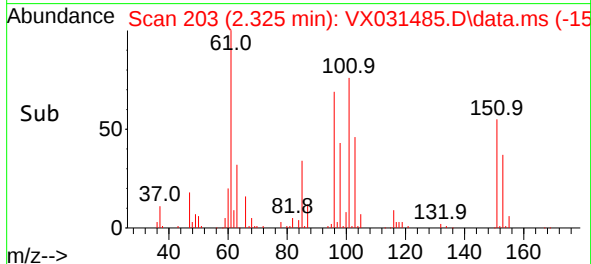
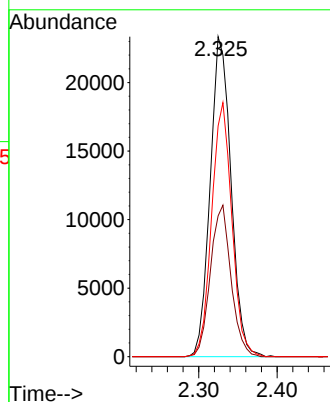
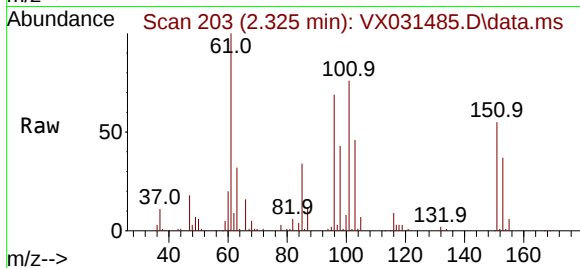
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.872 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 43078
Ion Ratio Lower Upper
101 100
85 46.9 38.6 57.8
151 77.2 54.0 81.0

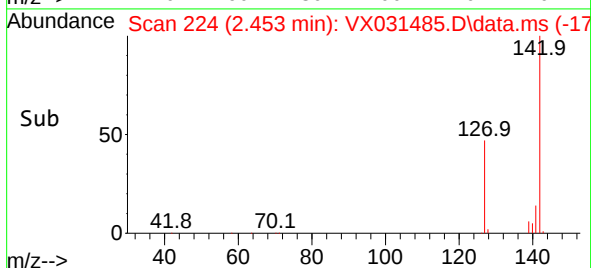
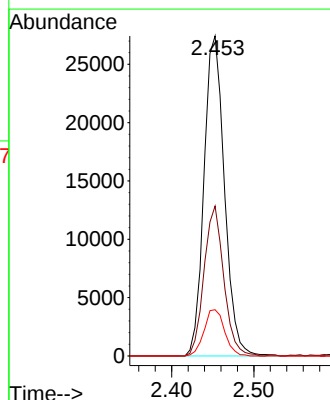
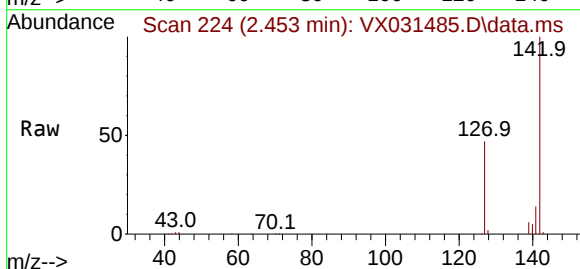
Manual Integrations
APPROVED

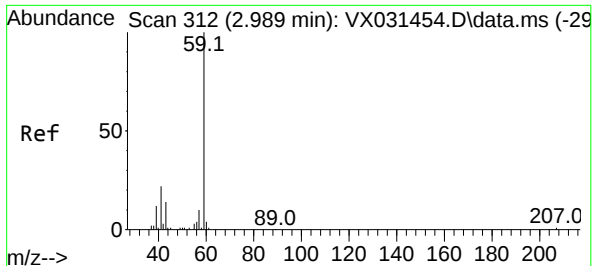
Reviewed By :John Carbone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#10
Methyl Iodide
Concen: 56.648 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Tgt Ion:142 Resp: 47341
Ion Ratio Lower Upper
142 100
127 45.2 37.4 56.0
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 216.853 ug/l

RT: 3.001 min Scan# 312

Delta R.T. 0.012 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 45910

Ion Ratio Lower Upper

59 100

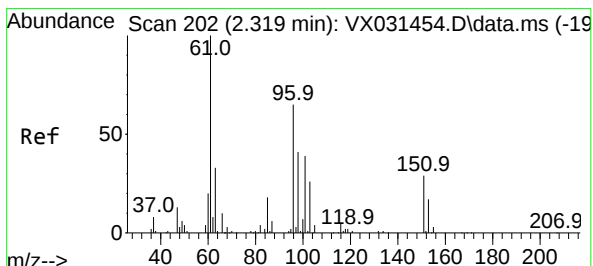
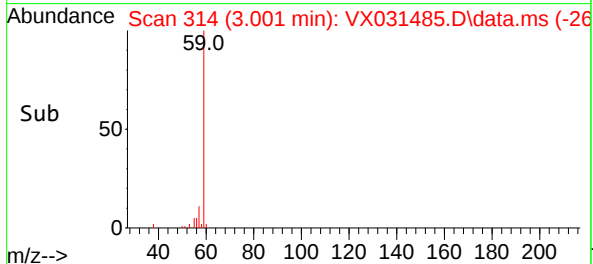
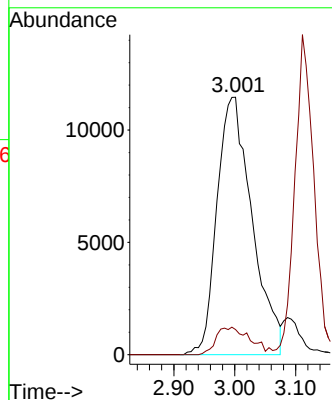
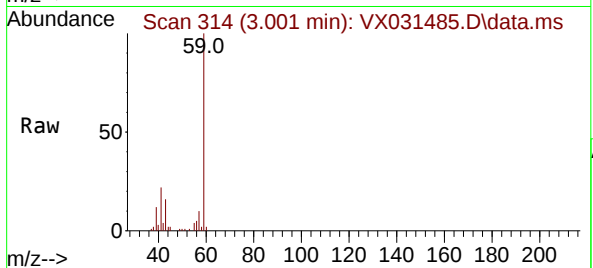
57 10.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#12

1,1-Dichloroethene

Concen: 47.629 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

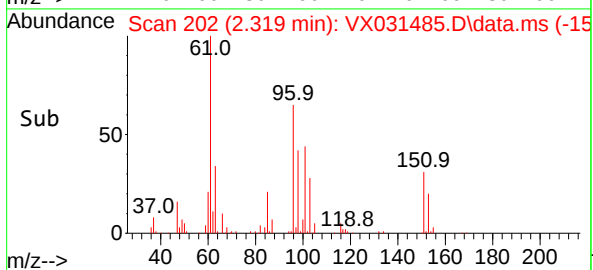
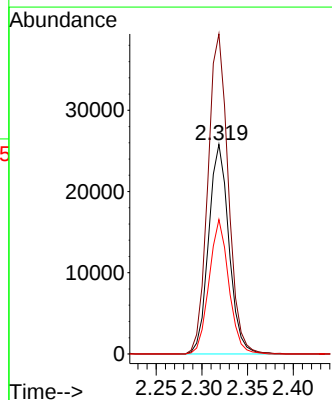
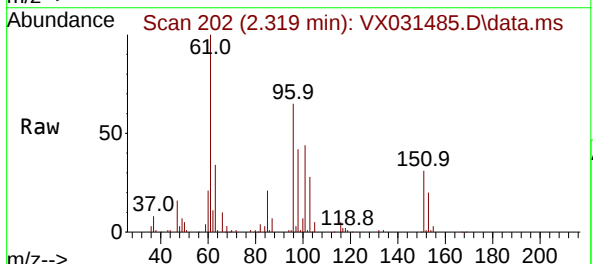
Tgt Ion: 96 Resp: 39771

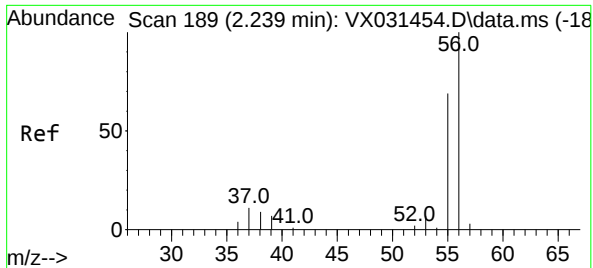
Ion Ratio Lower Upper

96 100

61 152.7 135.3 202.9

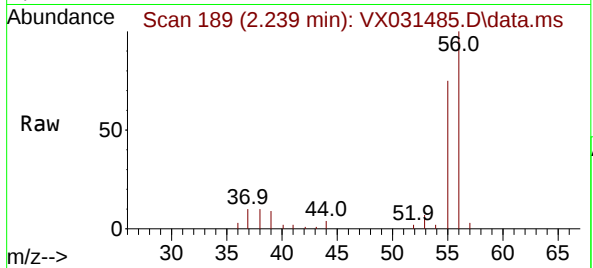
98 64.1 49.4 74.2





#13
Acrolein
Concen: 215.715 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

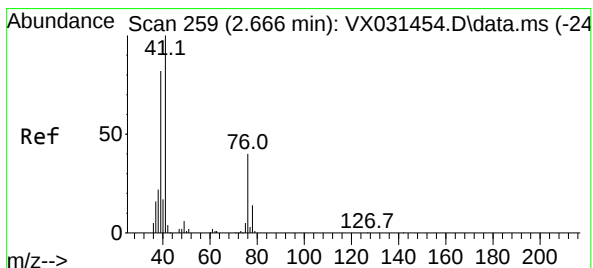
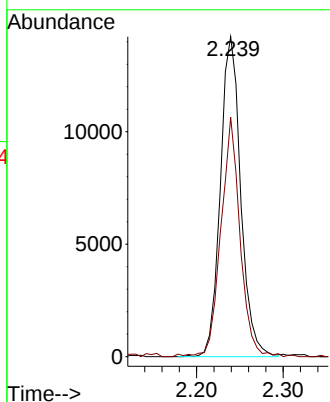
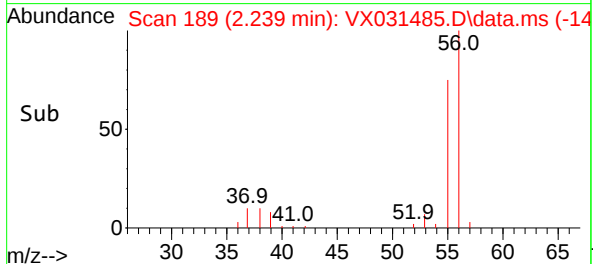
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



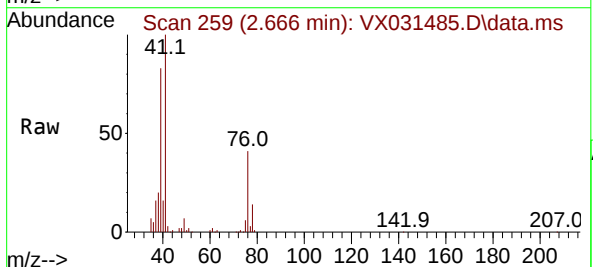
Tgt Ion: 56 Resp: 2321
Ion Ratio Lower Upper
56 100
55 70.5 56.0 84.0

Manual Integrations
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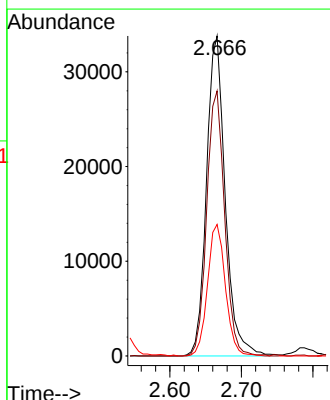
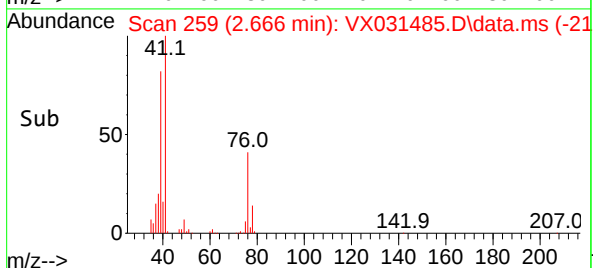
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

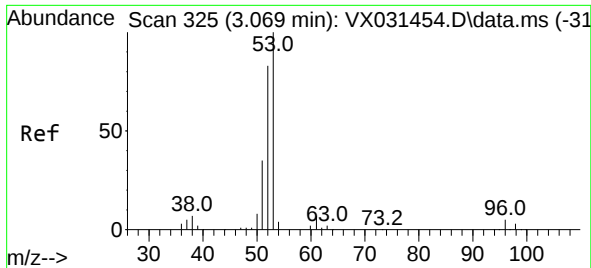


#14
Allyl chloride
Concen: 45.177 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



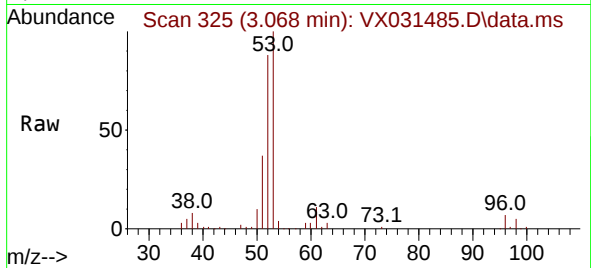
Tgt Ion: 41 Resp: 61516
Ion Ratio Lower Upper
41 100
39 79.1 58.2 87.4
76 39.3 26.9 40.3





#15
Acrylonitrile
Concen: 229.773 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

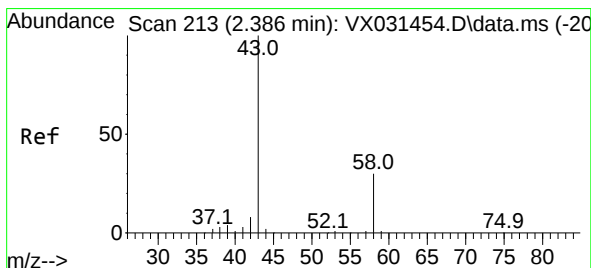
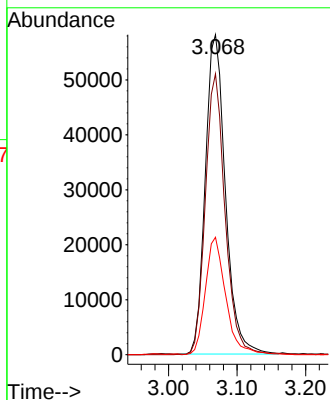
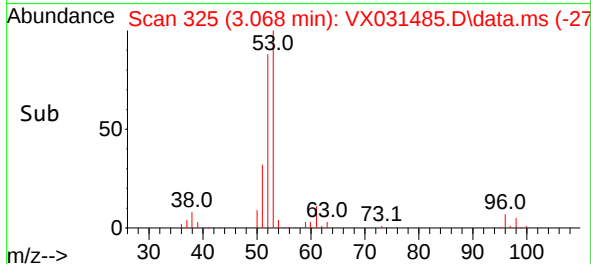
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



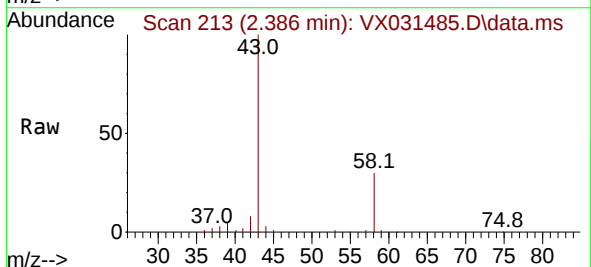
Tgt Ion: 53 Resp: 11895
Ion Ratio Lower Upper
53 100
52 85.9 66.9 100.3
51 37.3 30.0 45.0

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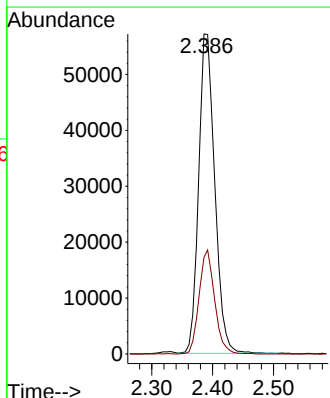
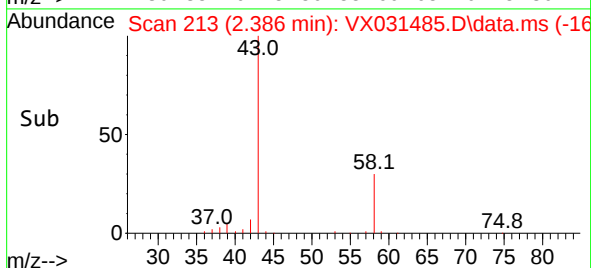
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

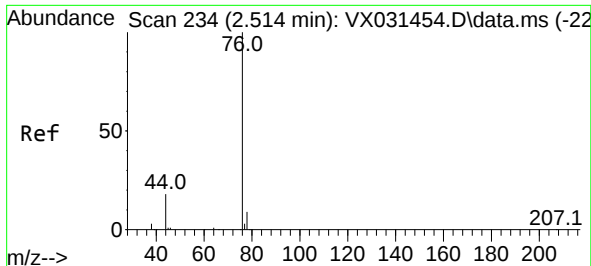


#16
Acetone
Concen: 270.478 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



Tgt Ion: 43 Resp: 104808
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.8





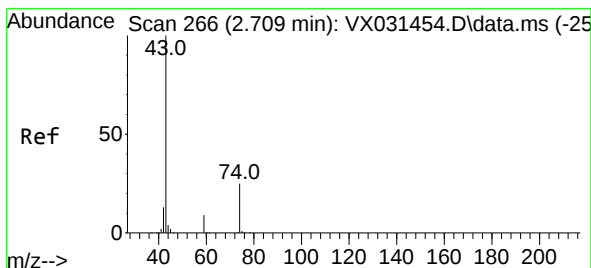
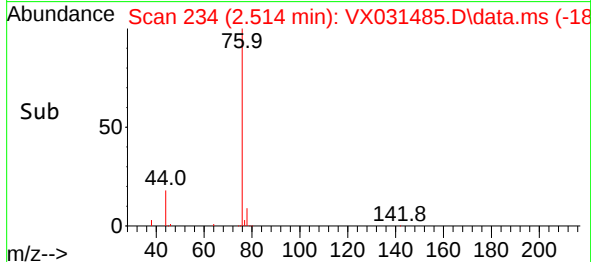
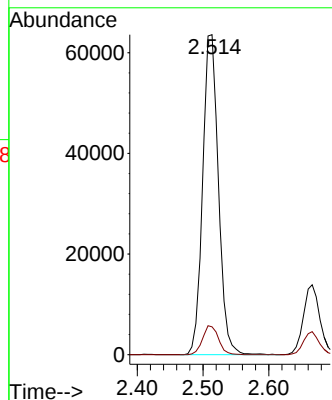
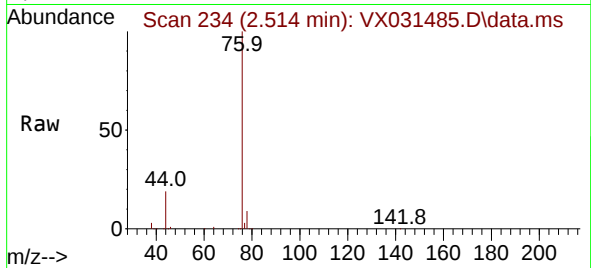
#17
Carbon Disulfide
Concen: 47.044 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 10584
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

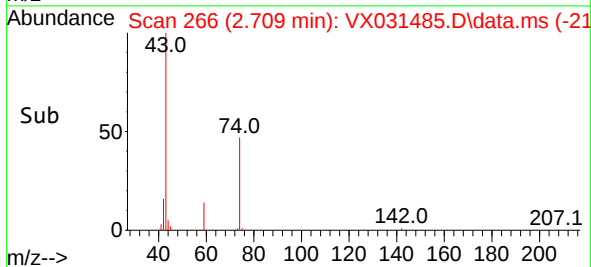
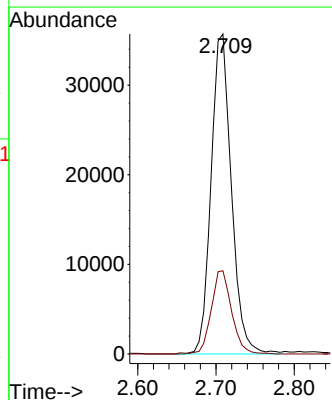
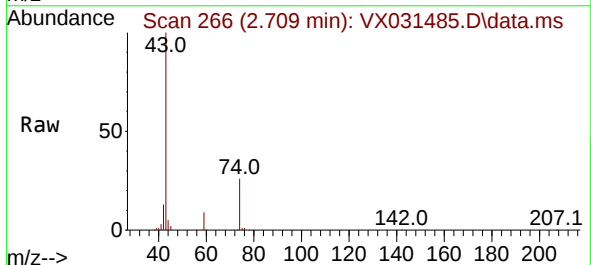
Manual Integrations
APPROVED

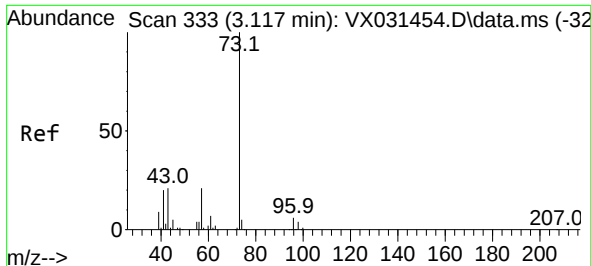
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#18
Methyl Acetate
Concen: 43.724 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

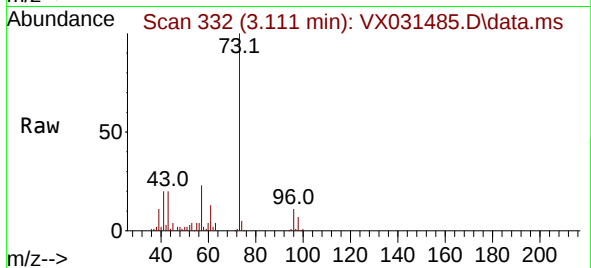
Tgt Ion: 43 Resp: 64280
Ion Ratio Lower Upper
43 100
74 26.1 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 47.198 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

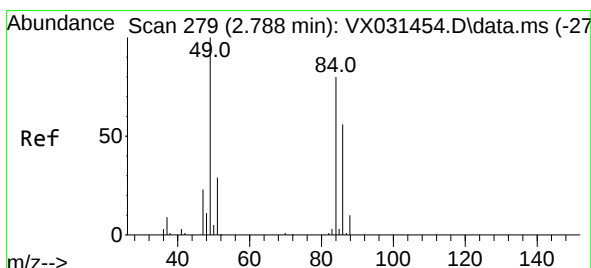
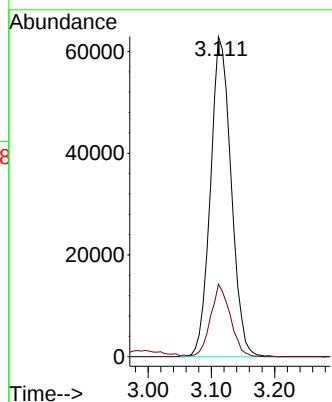
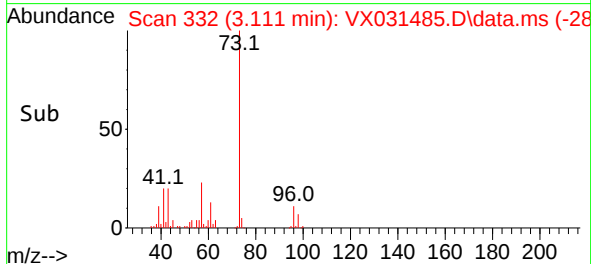
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 142534
Ion Ratio Lower Upper
73 100
57 22.6 17.2 25.8

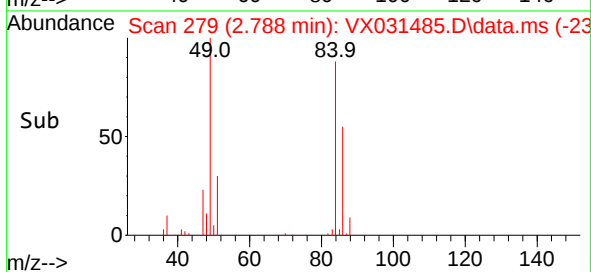
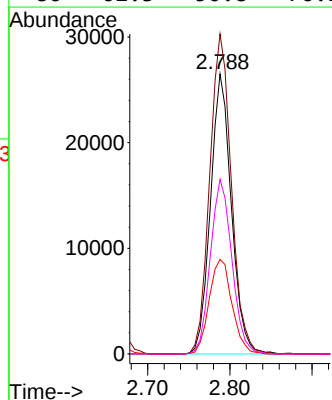
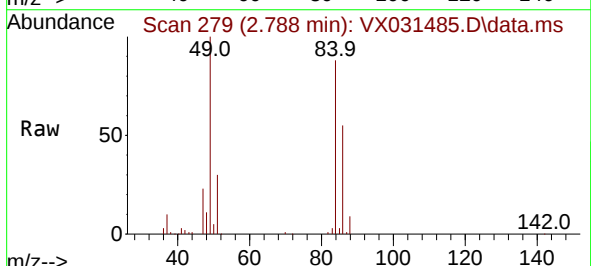
Manual Integrations
APPROVED

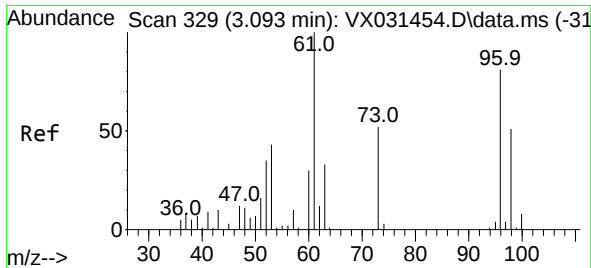
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#20
Methylene Chloride
Concen: 53.395 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

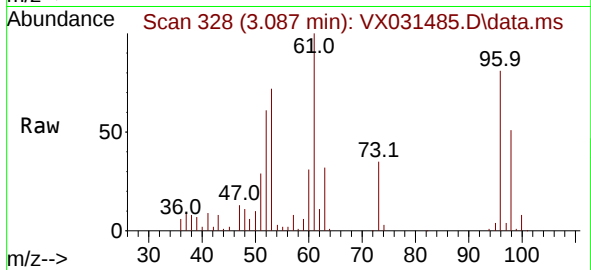
Tgt Ion: 84 Resp: 46789
Ion Ratio Lower Upper
84 100
49 114.3 105.9 158.9
51 33.8 32.2 48.2
86 62.3 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.657 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

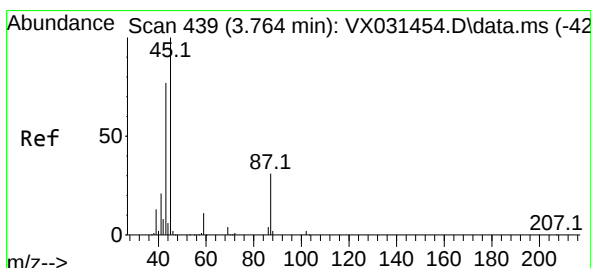
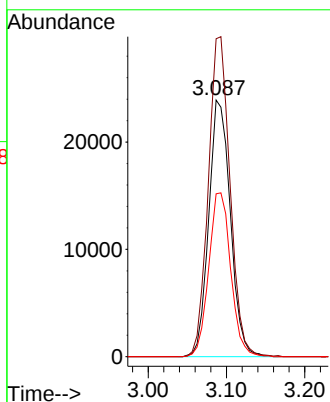
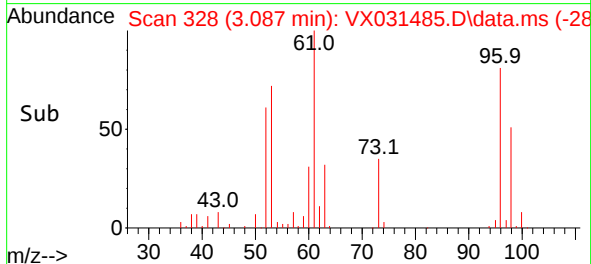
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



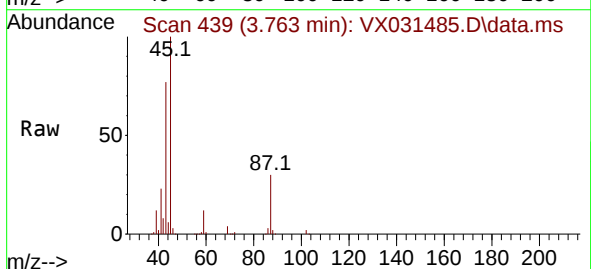
Tgt Ion: 96 Resp: 45879
Ion Ratio Lower Upper
96 100
61 123.9 106.7 160.1
98 63.5 48.7 73.1

Manual Integrations
APPROVED

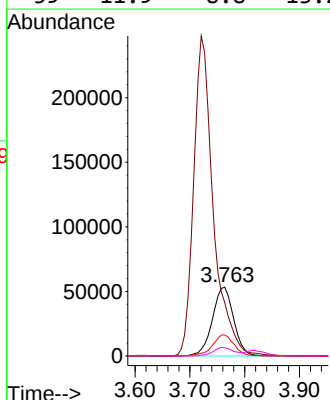
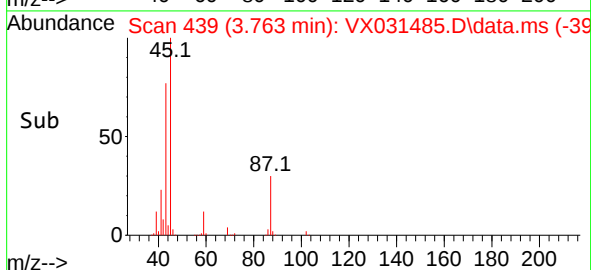
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

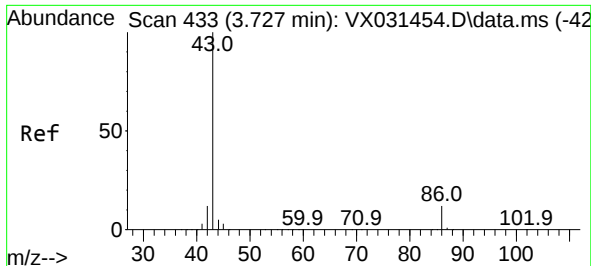


#22
Diisopropyl ether
Concen: 48.715 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



Tgt Ion: 45 Resp: 143648
Ion Ratio Lower Upper
45 100
43 76.5 59.0 88.6
87 30.4 22.6 33.8
59 11.9 8.8 13.2





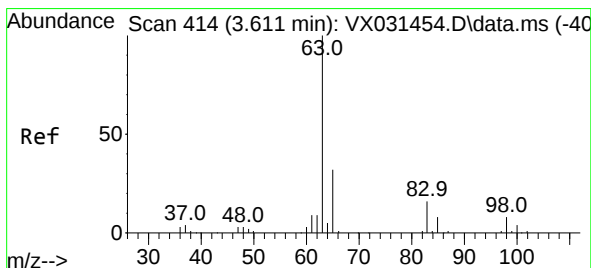
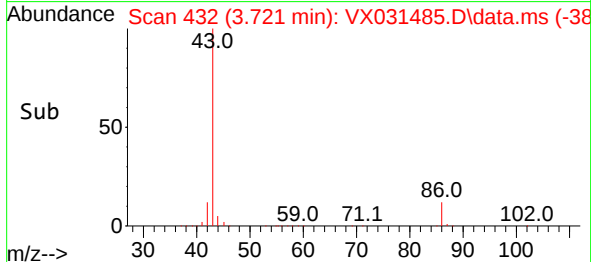
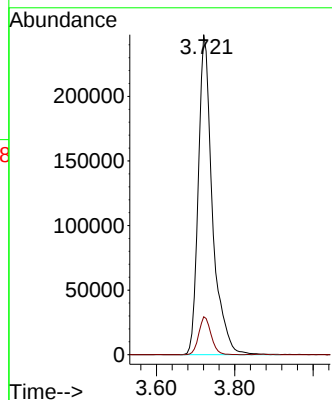
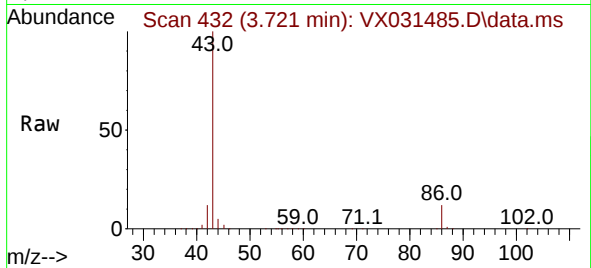
#23
 Vinyl Acetate
 Concen: 246.239 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 620954
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.7 13.1

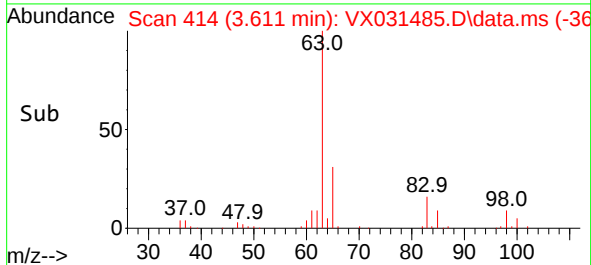
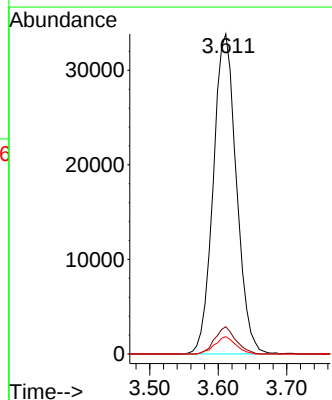
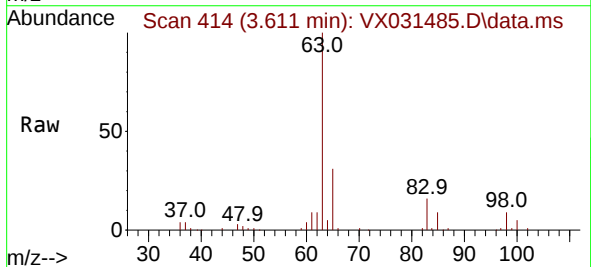
Manual Integrations
 APPROVED

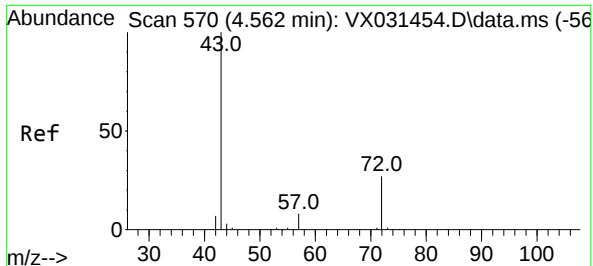
Reviewed By :John Carlone 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#24
 1,1-Dichloroethane
 Concen: 47.576 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59

Tgt Ion: 63 Resp: 79280
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.4
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 227.780 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 173008

Ion Ratio Lower Upper

43 100

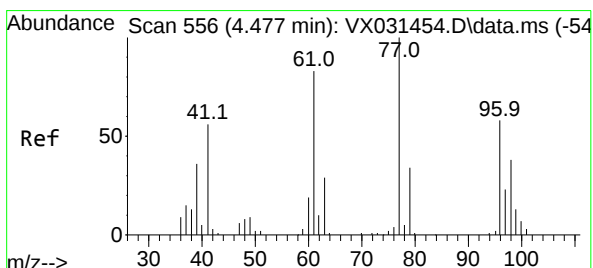
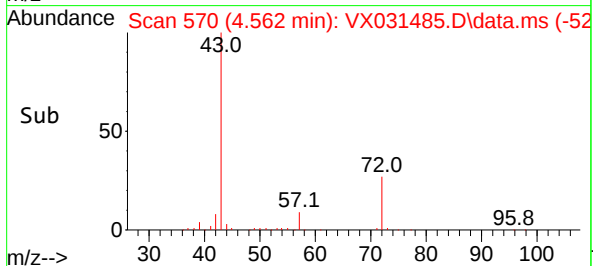
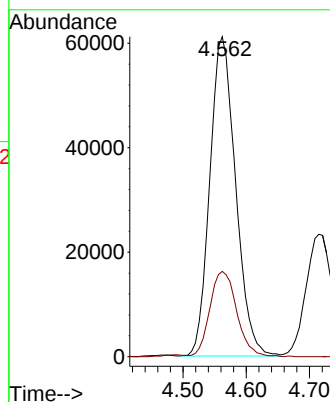
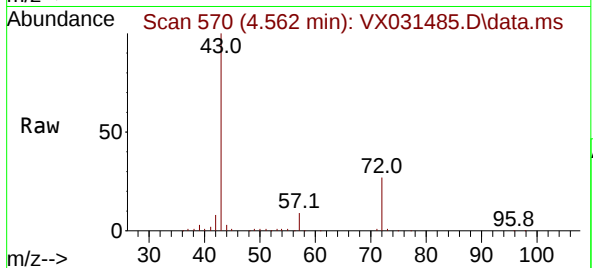
72 26.6 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#26

2,2-Dichloropropane

Concen: 48.243 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031485.D

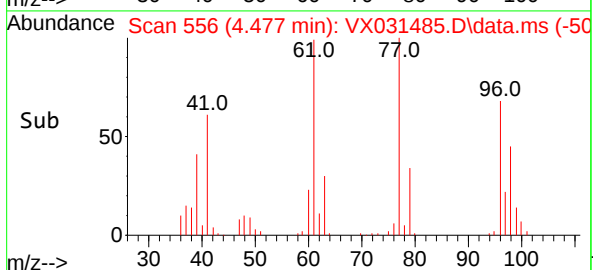
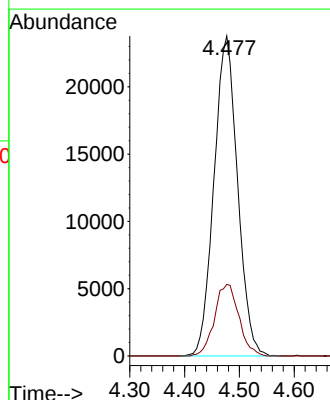
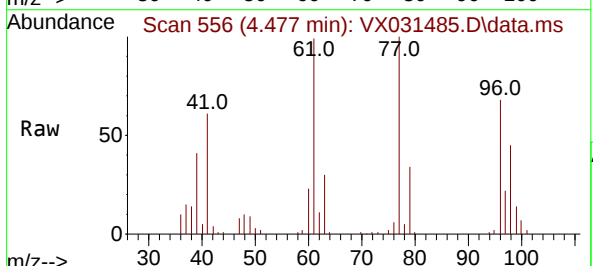
Acq: 20 Sep 2022 09:59

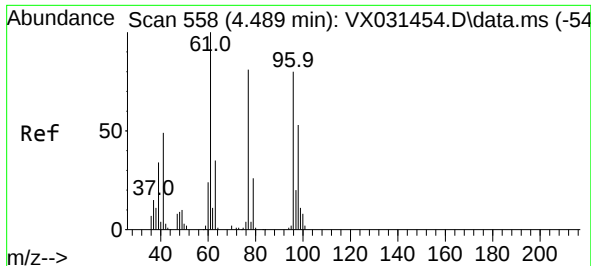
Tgt Ion: 77 Resp: 71012

Ion Ratio Lower Upper

77 100

97 23.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 47.852 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

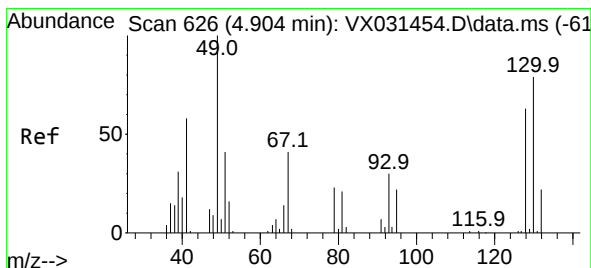
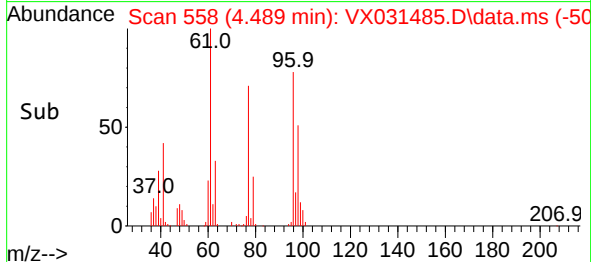
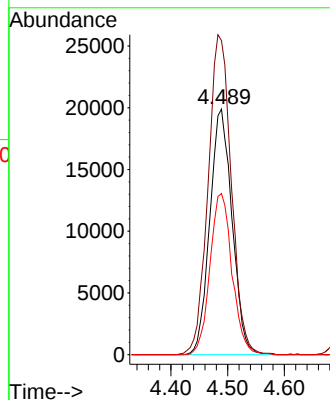
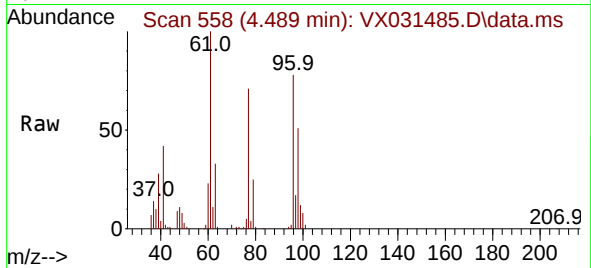
Tgt Ion:	96	Resp:	5438
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	305.2
98	65.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#28

Bromochloromethane

Concen: 52.231 ug/l

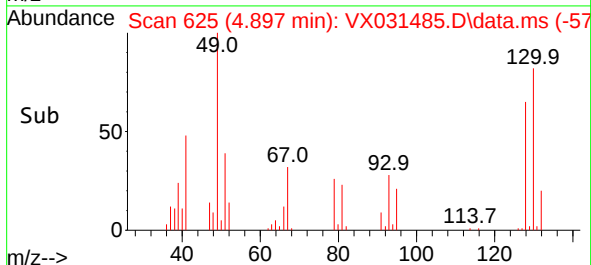
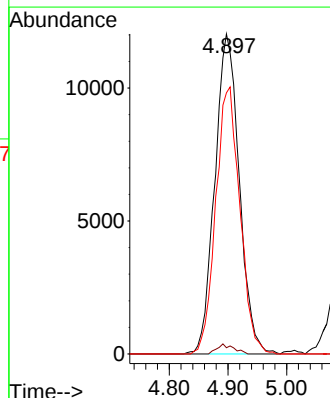
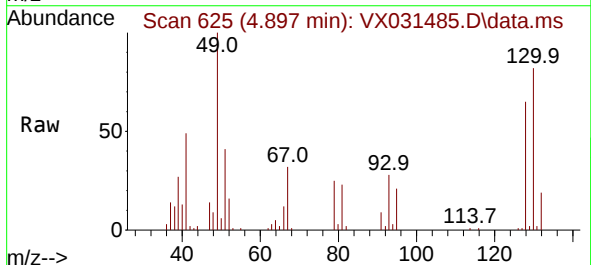
RT: 4.897 min Scan# 625

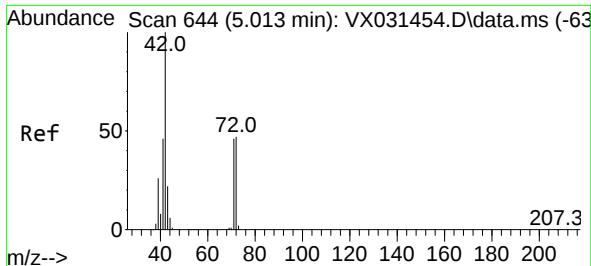
Delta R.T. -0.007 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Tgt Ion:	49	Resp:	34770
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.6
130	82.7	59.0	88.4





#29

Tetrahydrofuran

Concen: 227.633 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

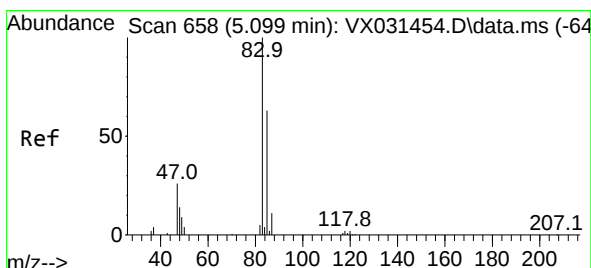
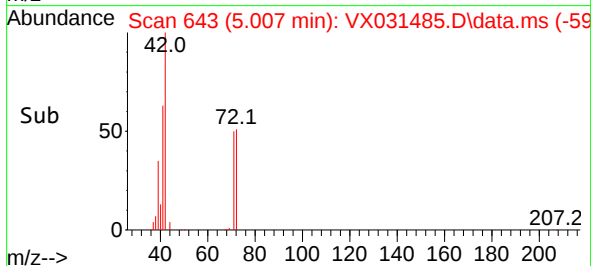
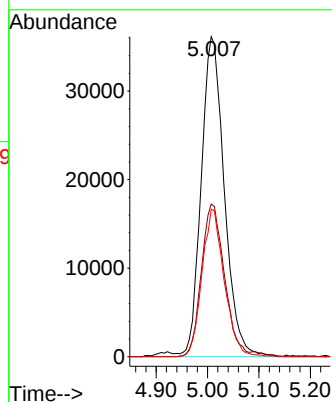
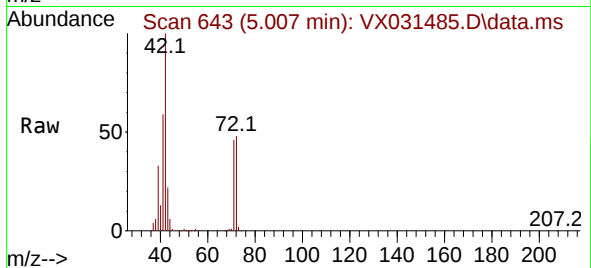
Tgt Ion:	42	Resp:	112754
Ion	Ratio	Lower	Upper
42	100		
72	48.4	36.4	54.6
71	44.5	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#30

Chloroform

Concen: 49.943 ug/l

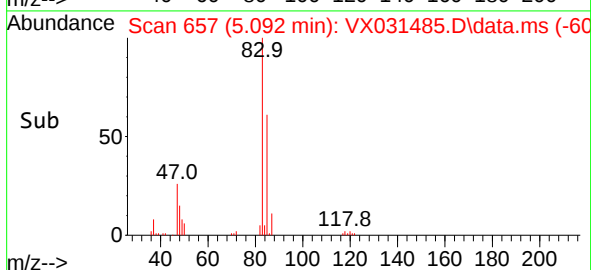
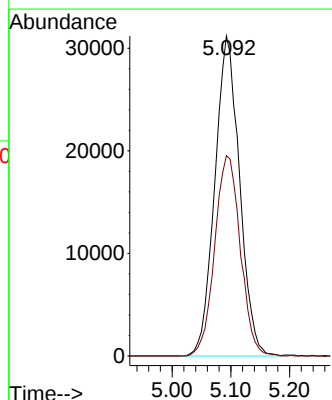
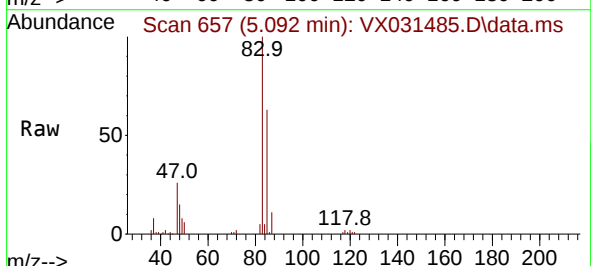
RT: 5.092 min Scan# 657

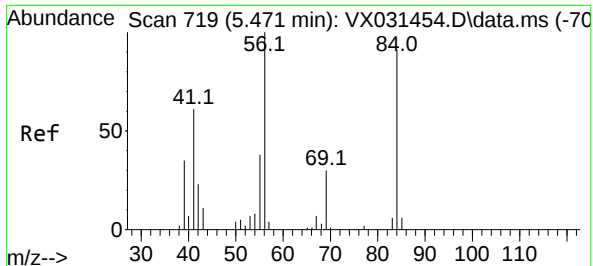
Delta R.T. -0.007 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Tgt Ion:	83	Resp:	91276
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.8	79.2





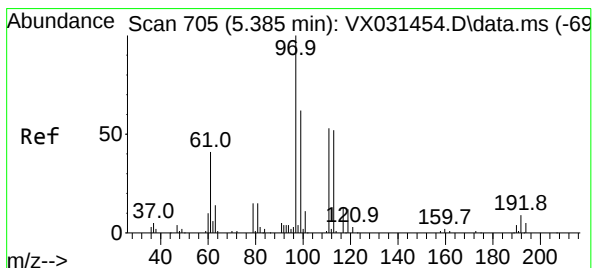
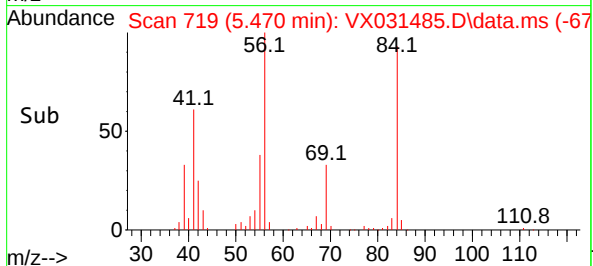
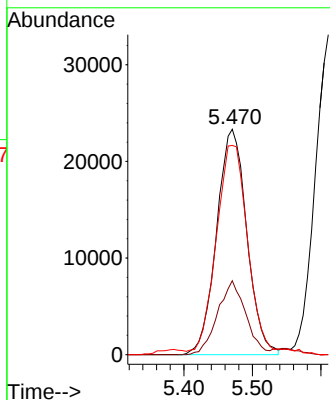
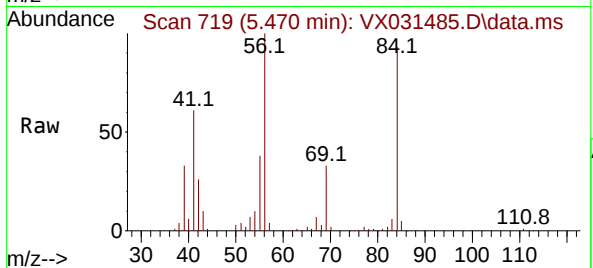
#31
Cyclohexane
Concen: 48.962 ug/l
RT: 5.470 min Scan# 714
Delta R.T. -0.001 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 7144
Ion Ratio Lower Upper
56 100
69 32.8 25.1 37.7
84 90.9 70.2 105.4

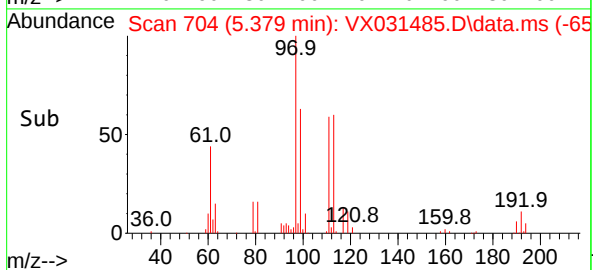
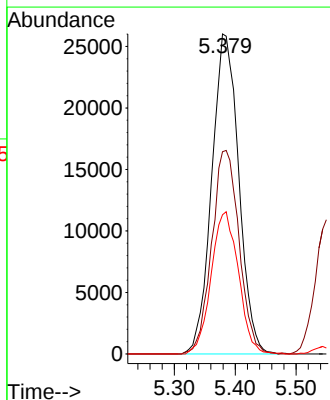
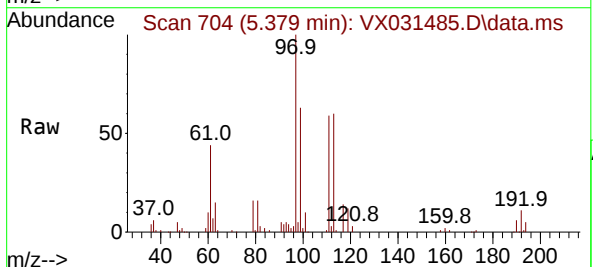
Manual Integrations
APPROVED

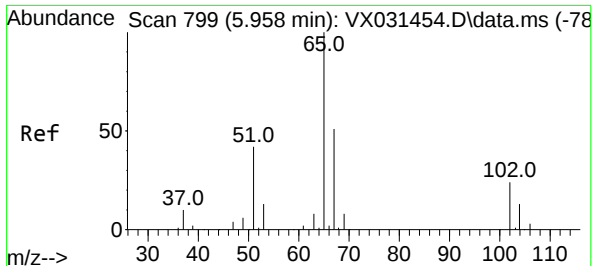
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#32
1,1,1-Trichloroethane
Concen: 48.247 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Tgt Ion: 97 Resp: 80091
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 44.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 55.289 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 5438

Ion Ratio Lower Upper

65 100

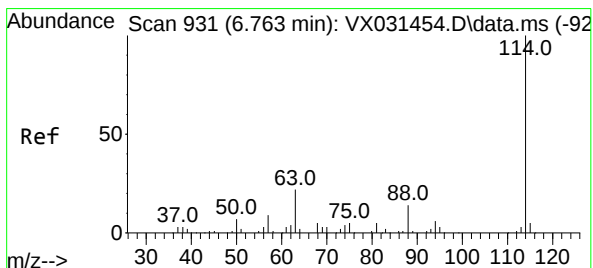
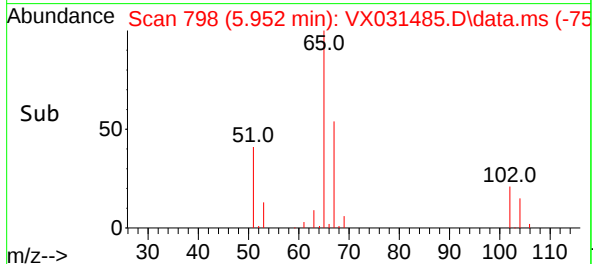
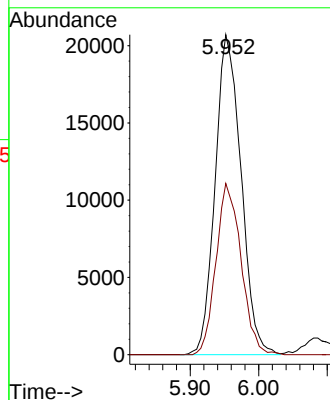
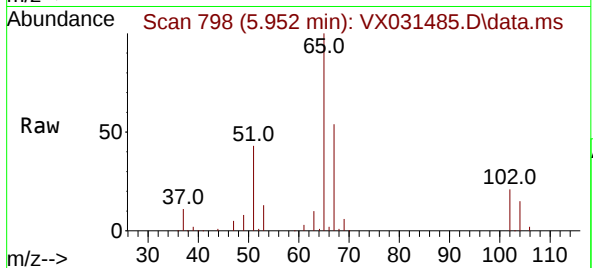
67 51.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

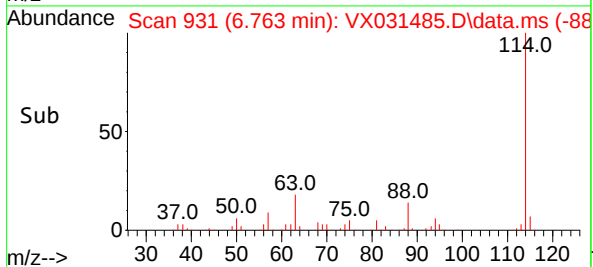
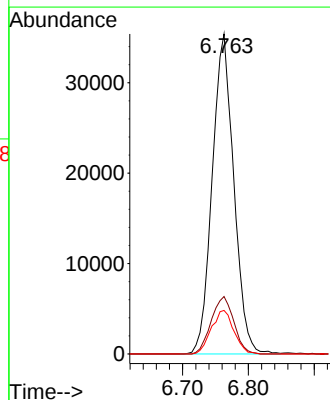
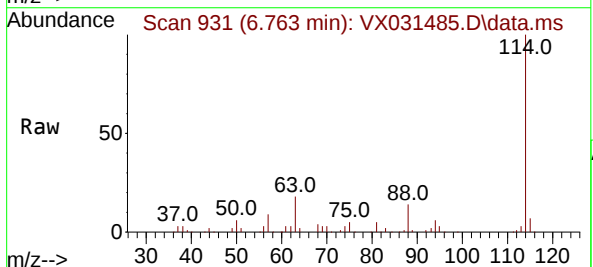
Tgt Ion:114 Resp: 80830

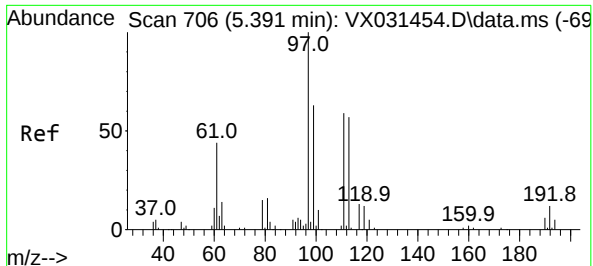
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.6

88 13.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 56.052 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

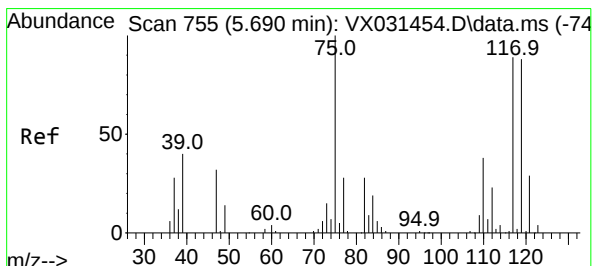
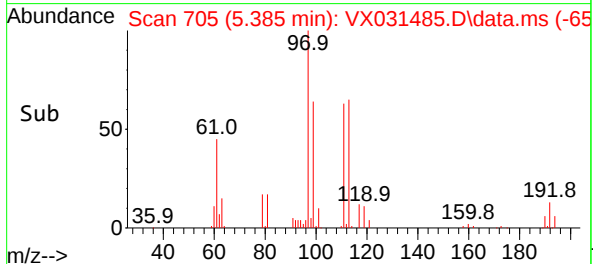
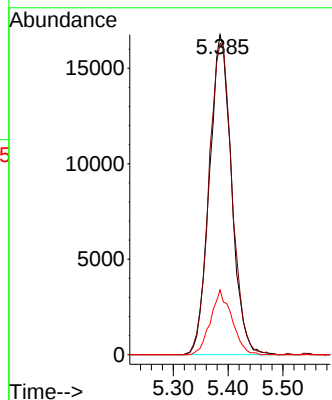
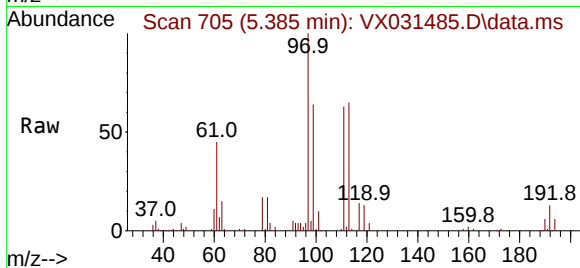
Tgt Ion:	113	Resp:	46750
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	19.5	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#36

1,1-Dichloropropene

Concen: 51.215 ug/l

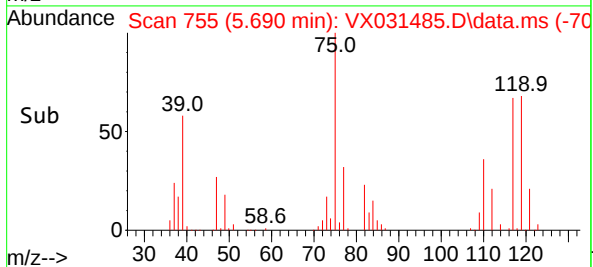
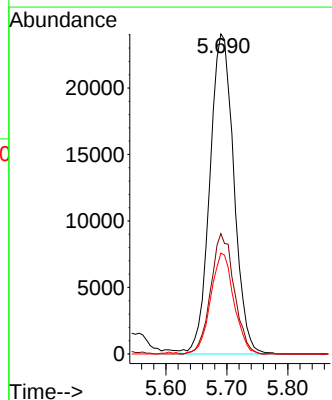
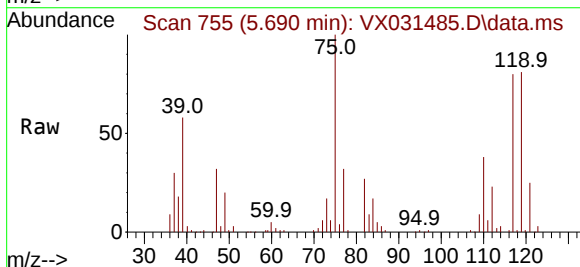
RT: 5.690 min Scan# 755

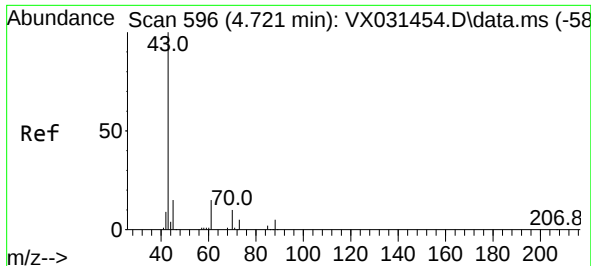
Delta R.T. -0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Tgt Ion:	75	Resp:	65802
Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.5	52.5
77	30.5	24.9	37.3





#37

Ethyl Acetate

Concen: 45.526 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.007 min

Lab File: VX031485.D

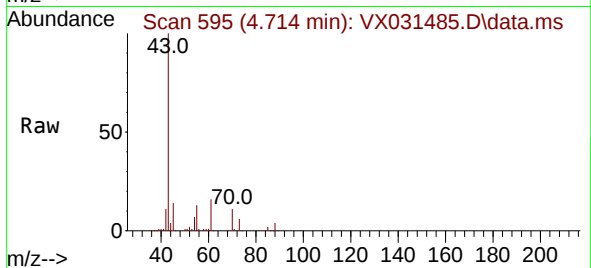
Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 6978

Ion Ratio Lower Upper

43 100

61 13.9 11.1 16.7

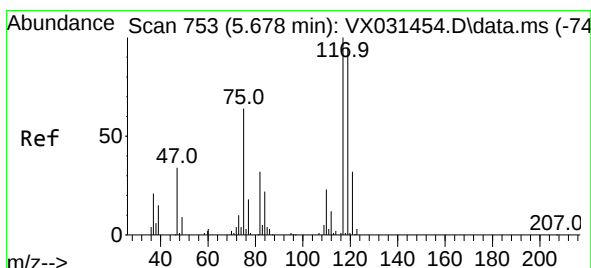
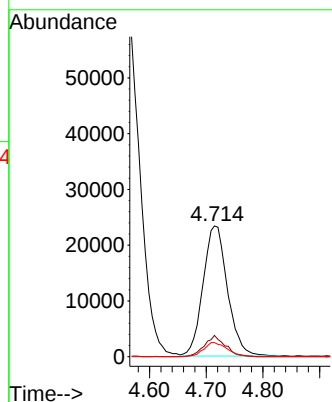
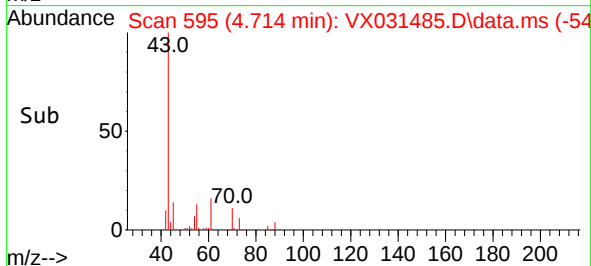
70 10.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#38

Carbon Tetrachloride

Concen: 50.988 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

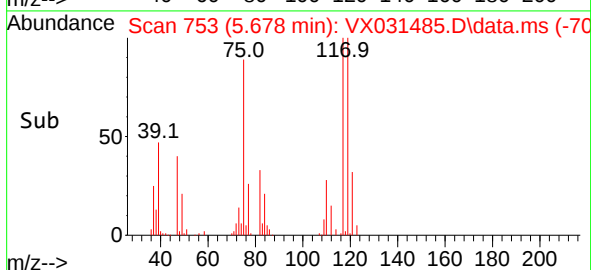
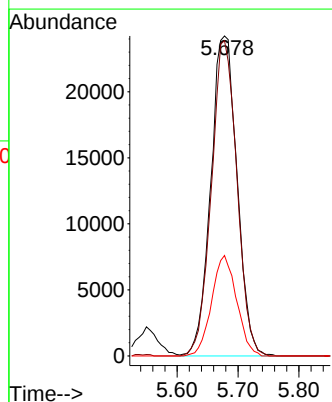
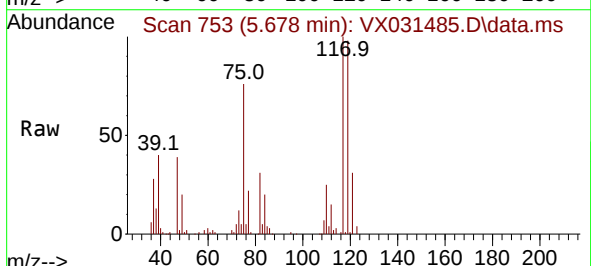
Tgt Ion:117 Resp: 72615

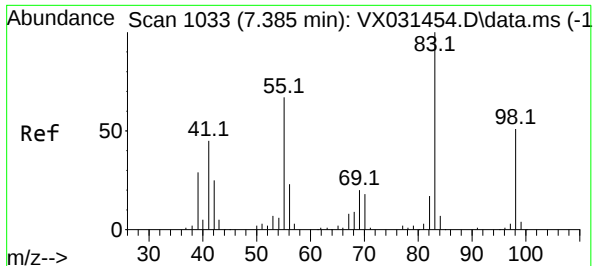
Ion Ratio Lower Upper

117 100

119 98.5 74.6 112.0

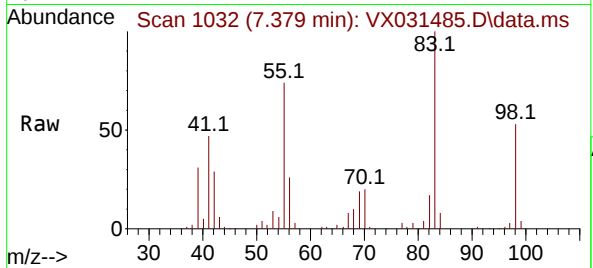
121 31.4 25.3 37.9





#39
Methylcyclohexane
Concen: 50.812 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

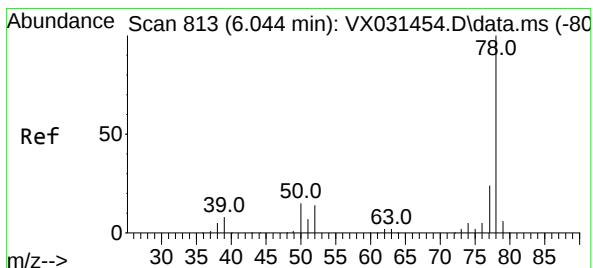
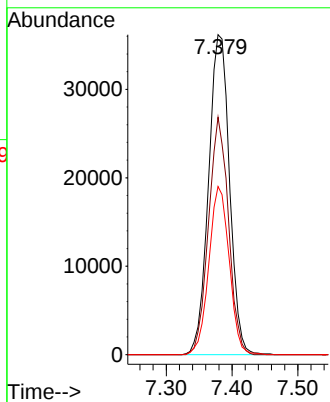
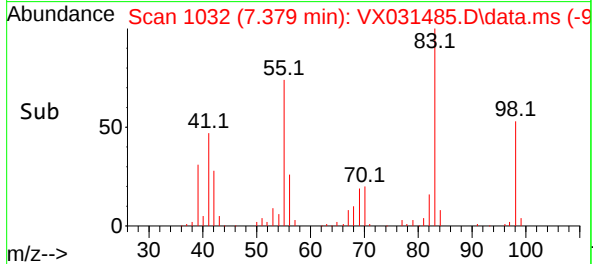
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 8032
Ion Ratio Lower Upper
83 100
55 74.2 61.0 91.4
98 52.5 37.7 56.5

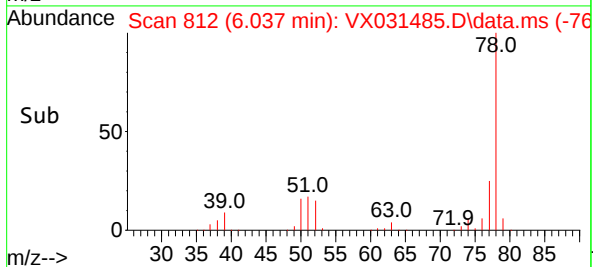
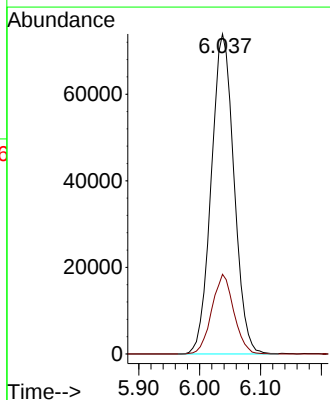
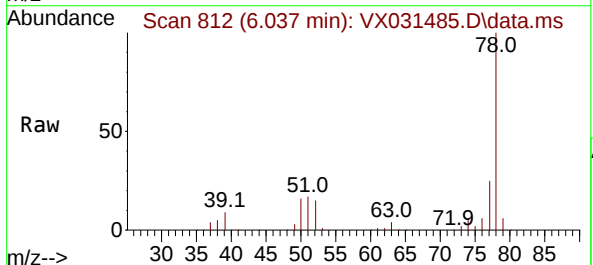
Manual Integrations
APPROVED

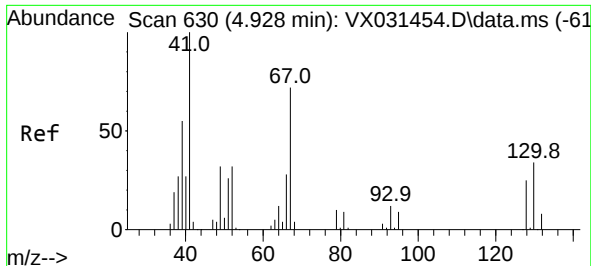
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#40
Benzene
Concen: 50.028 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

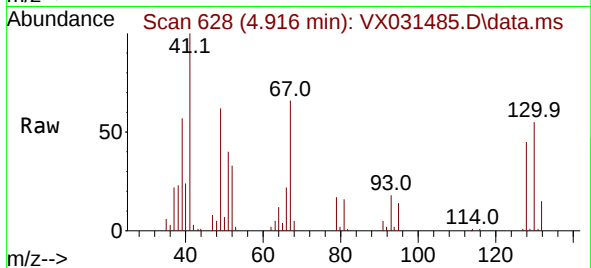
Tgt Ion: 78 Resp: 191760
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1





#41
Methacrylonitrile
Concen: 48.089 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

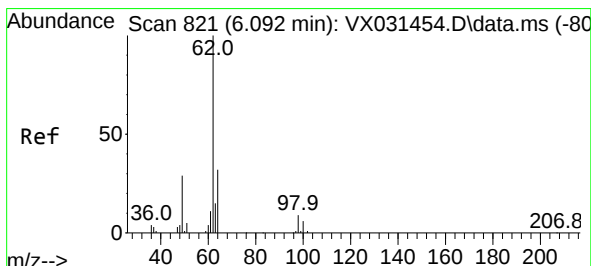
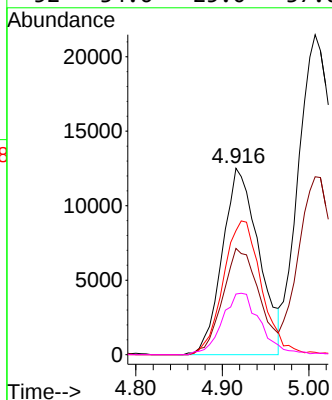
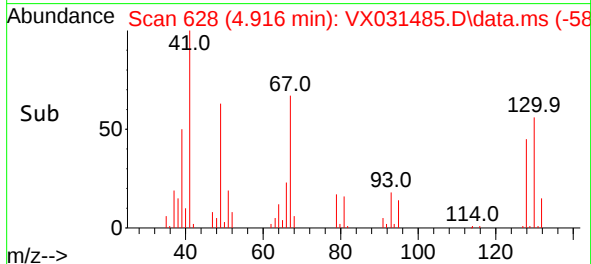
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 3669
Ion Ratio Lower Upper
41 100
39 57.3 45.0 67.6
67 75.2 58.2 87.4
52 34.6 25.0 37.6

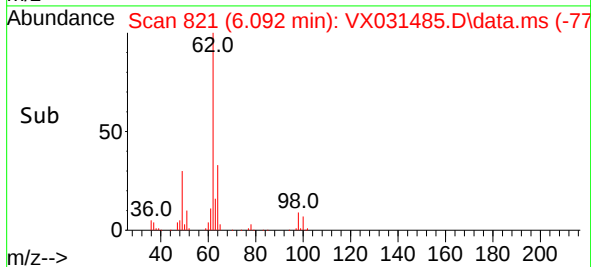
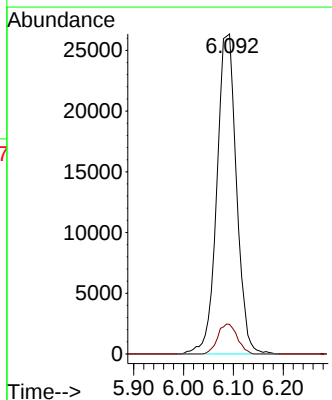
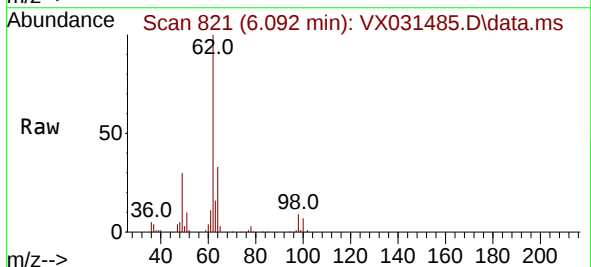
Manual Integrations
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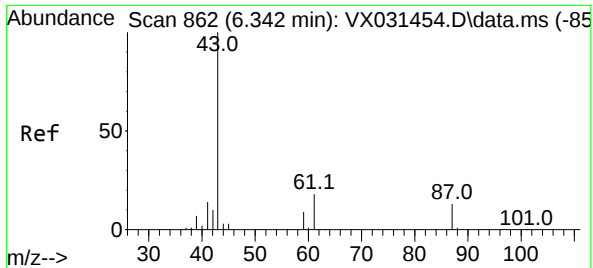
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#42
1,2-Dichloroethane
Concen: 51.119 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

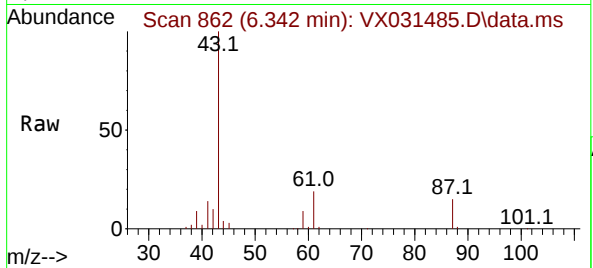
Tgt Ion: 62 Resp: 72222
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 48.713 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

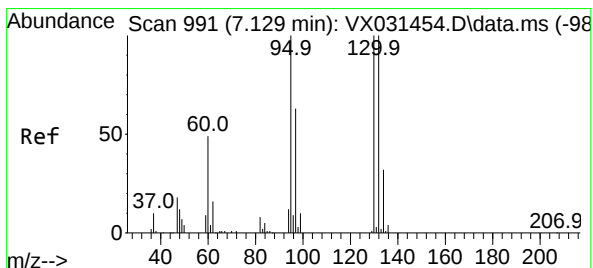
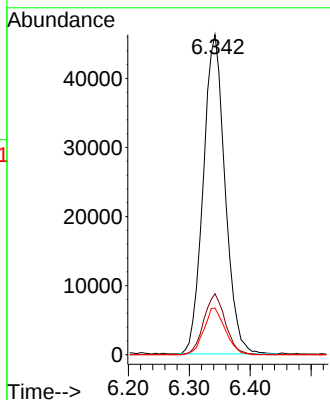
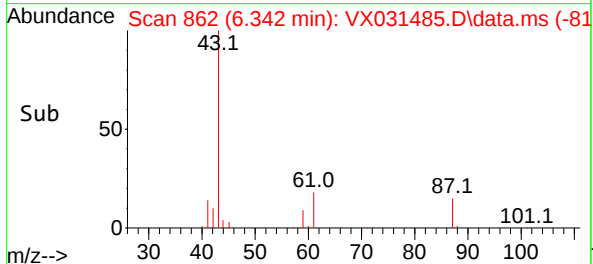
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11475
Ion Ratio Lower Upper
43 100
61 19.0 15.3 22.9
87 14.4 10.6 15.8

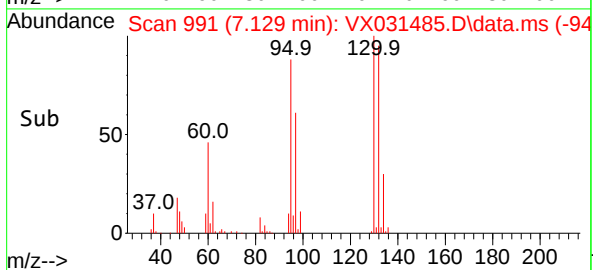
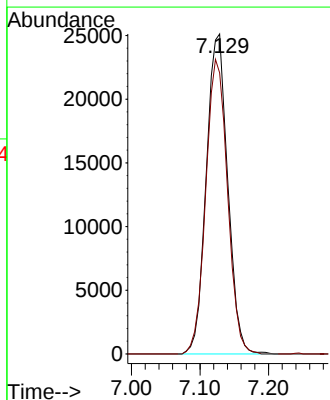
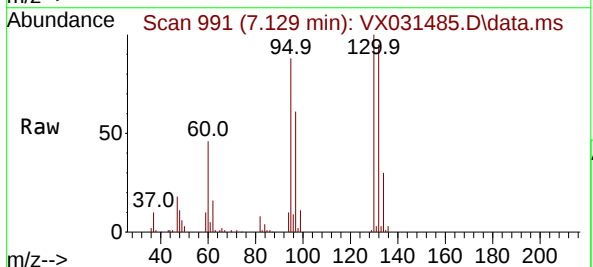
Manual Integrations
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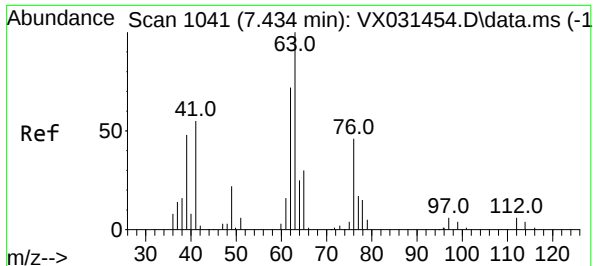
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#44
Trichloroethene
Concen: 50.395 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Tgt Ion:130 Resp: 54770
Ion Ratio Lower Upper
130 100
95 87.8 0.0 206.8





#45

1,2-Dichloropropane

Concen: 49.136 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 47344

Ion Ratio Lower Upper

63 100

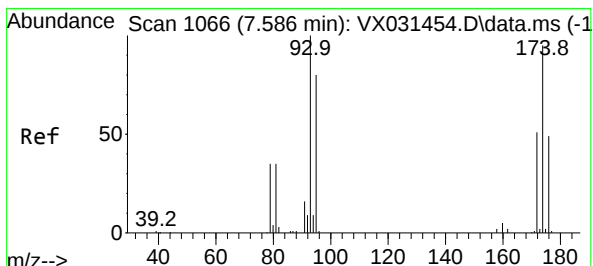
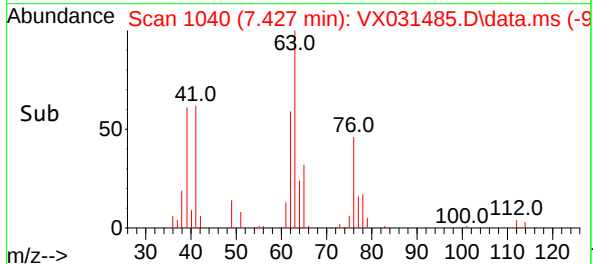
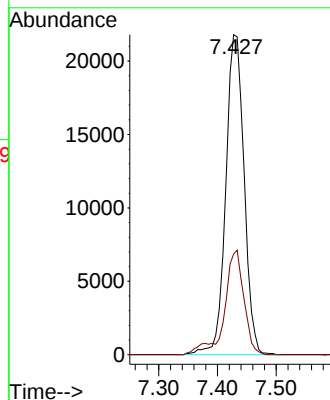
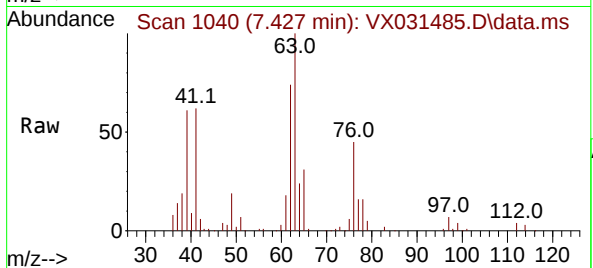
65 31.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#46

Dibromomethane

Concen: 50.915 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

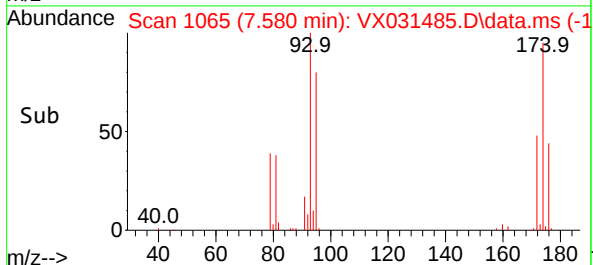
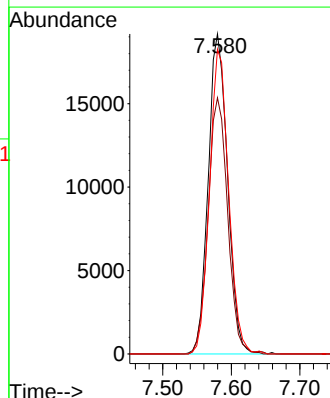
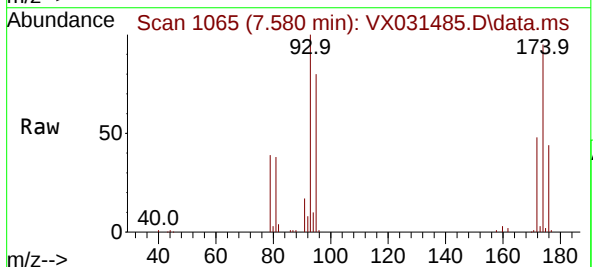
Tgt Ion: 93 Resp: 37762

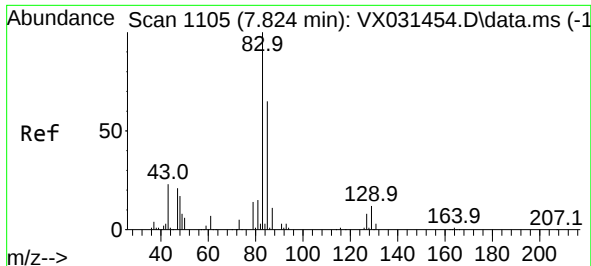
Ion Ratio Lower Upper

93 100

95 80.7 65.5 98.3

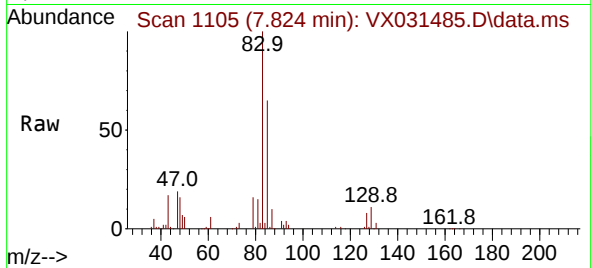
174 93.8 67.6 101.4





#47
Bromodichloromethane
Concen: 51.107 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

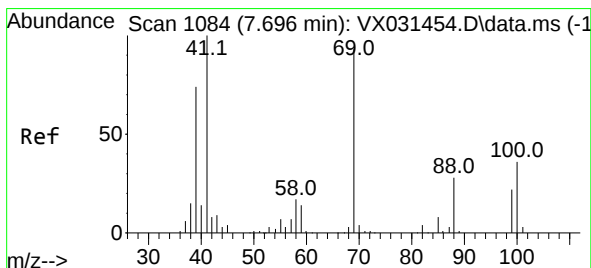
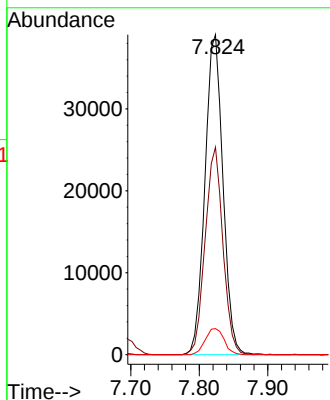
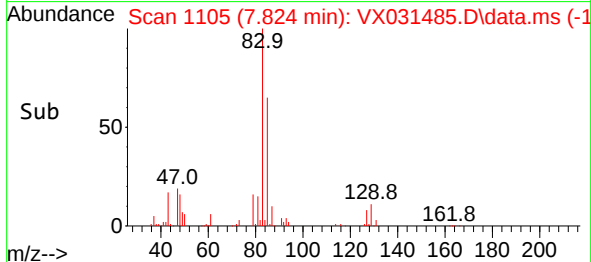
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 71260
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6
127 8.2 7.0 10.6

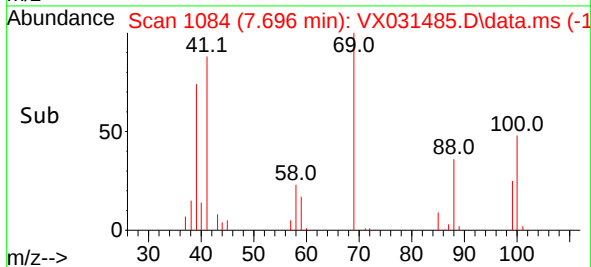
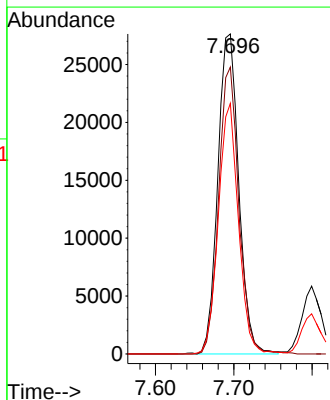
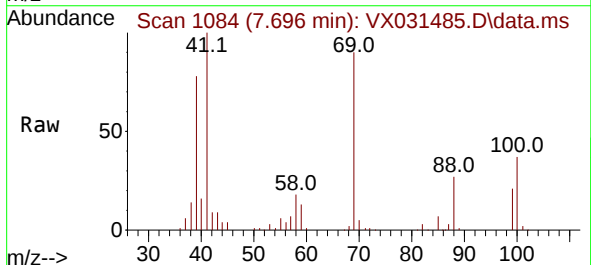
Manual Integrations
APPROVED

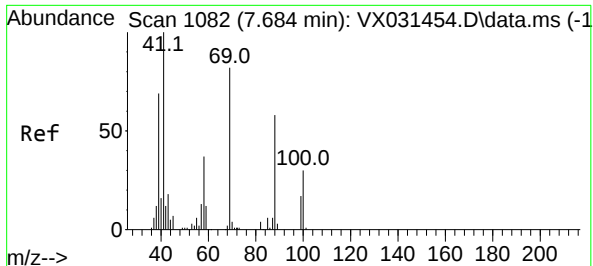
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#48
Methyl methacrylate
Concen: 47.841 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Tgt Ion: 41 Resp: 51489
Ion Ratio Lower Upper
41 100
69 86.6 64.6 96.8
39 75.3 51.4 77.0





#49

1,4-Dioxane

Concen: 905.986 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2226

Ion Ratio Lower Upper

88 100

43 31.3 27.1 40.7

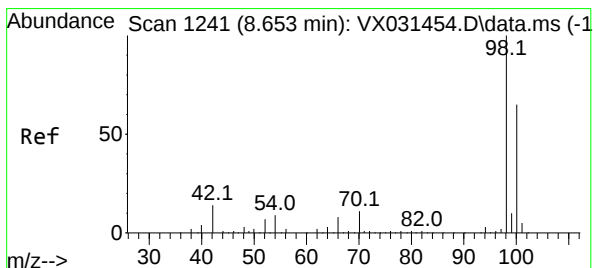
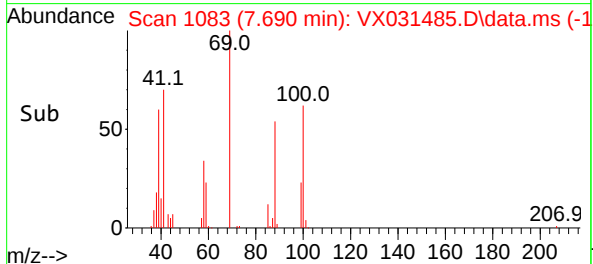
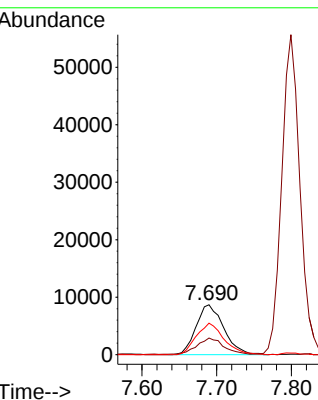
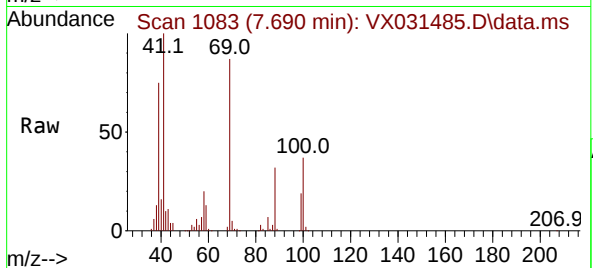
58 62.9 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#50

Toluene-d8

Concen: 54.183 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031485.D

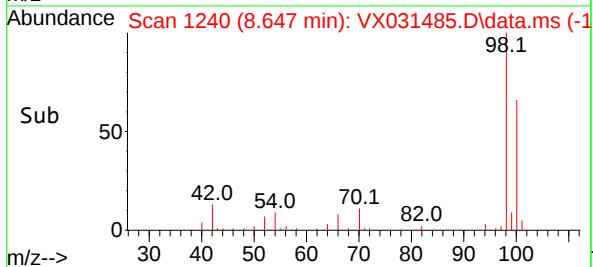
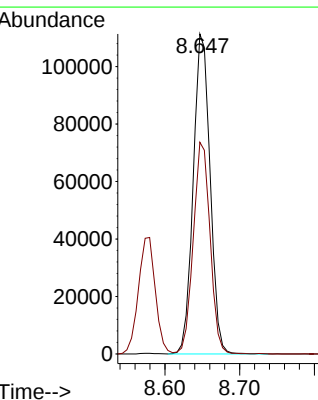
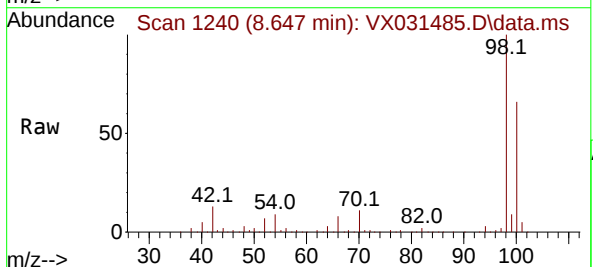
Acq: 20 Sep 2022 09:59

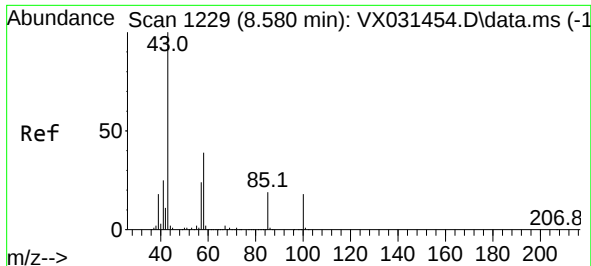
Tgt Ion: 98 Resp: 174488

Ion Ratio Lower Upper

98 100

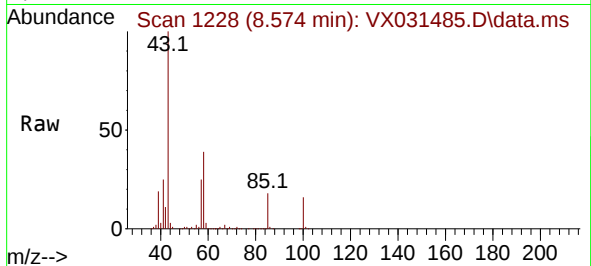
100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 247.480 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

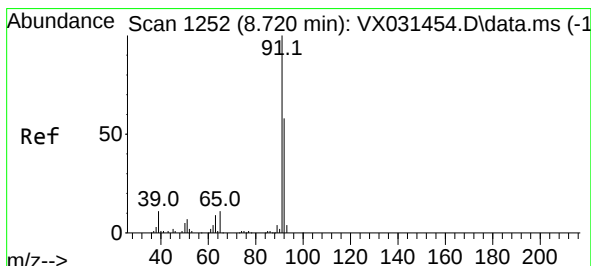
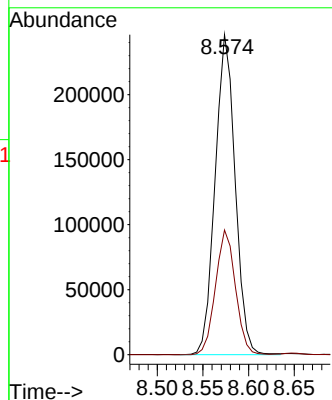
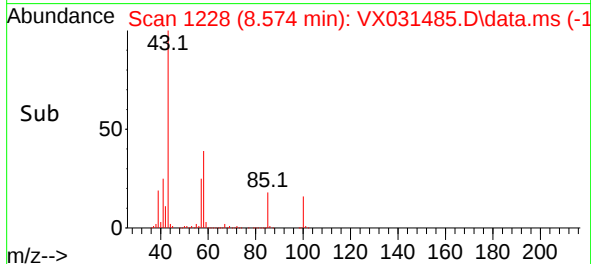
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 37499
Ion Ratio Lower Upper
43 100
58 38.8 30.6 46.0

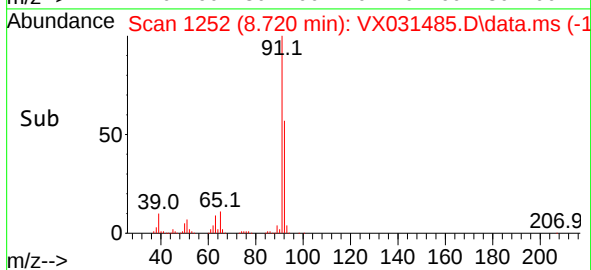
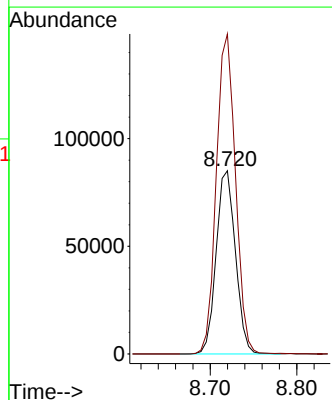
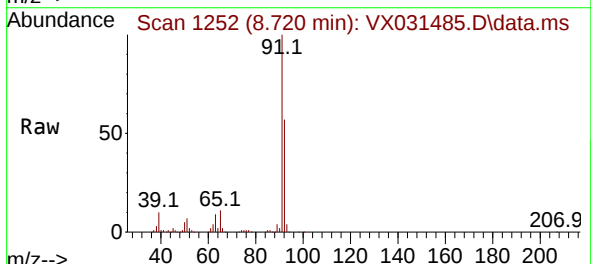
Manual Integrations
APPROVED

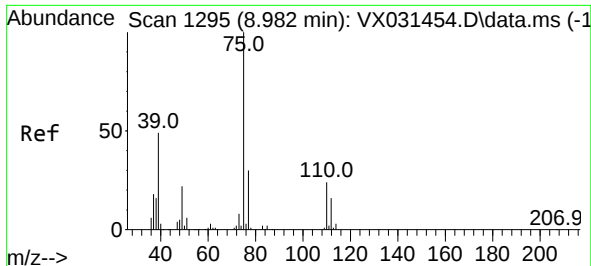
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#52
Toluene
Concen: 52.651 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Tgt Ion: 92 Resp: 131620
Ion Ratio Lower Upper
92 100
91 173.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 54.089 ug/l

RT: 8.976 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 78049

Ion Ratio Lower Upper

75 100

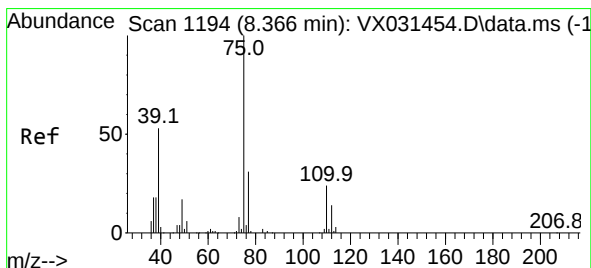
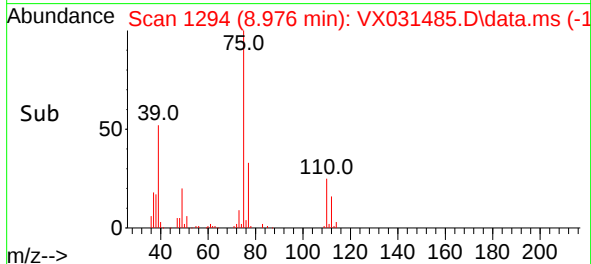
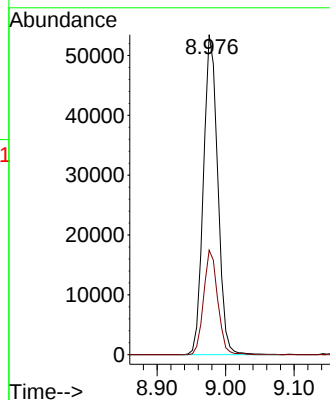
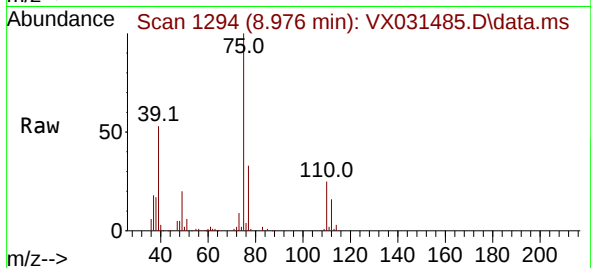
77 32.6 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#54

cis-1,3-Dichloropropene

Concen: 50.995 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

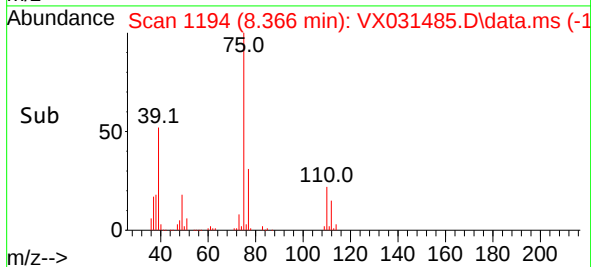
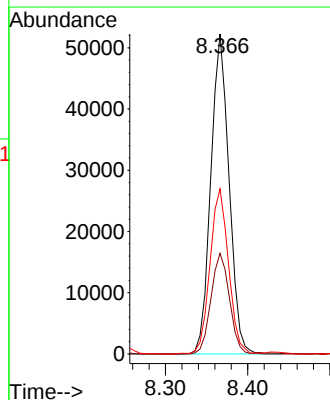
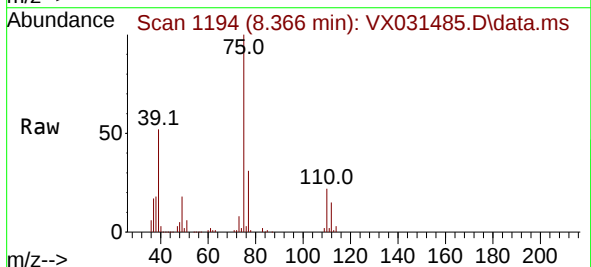
Tgt Ion: 75 Resp: 80477

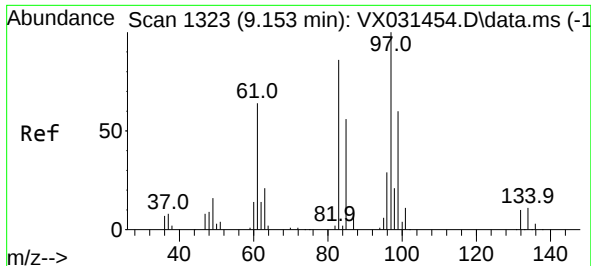
Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

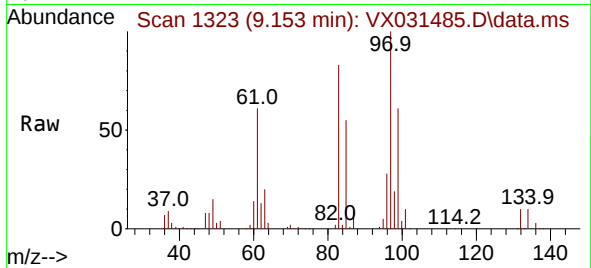
39 51.4 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 51.797 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

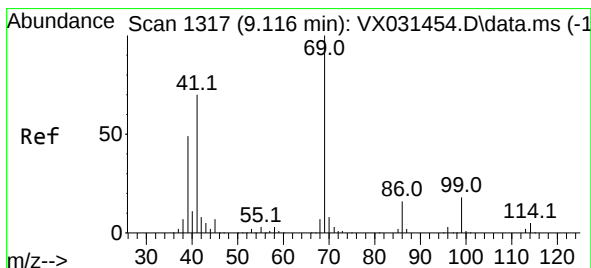
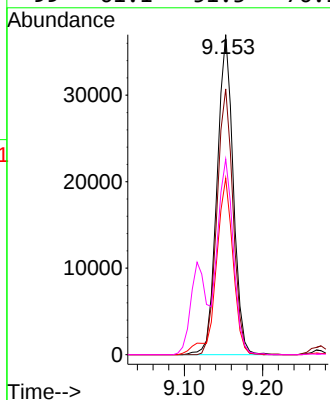
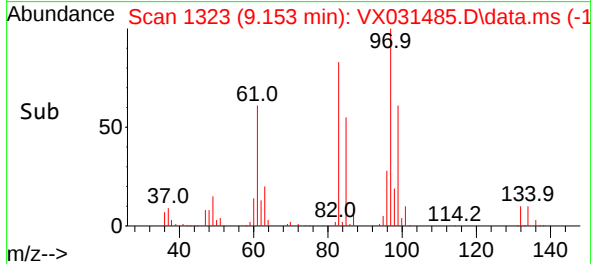
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.6
85	55.1	44.1	66.1
99	61.1	51.3	76.9

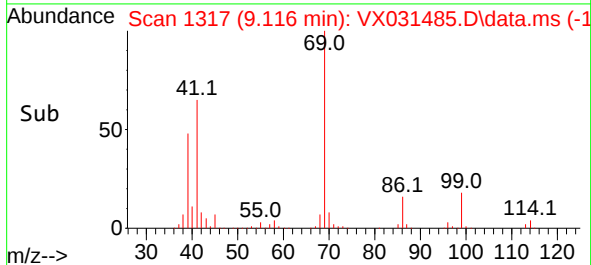
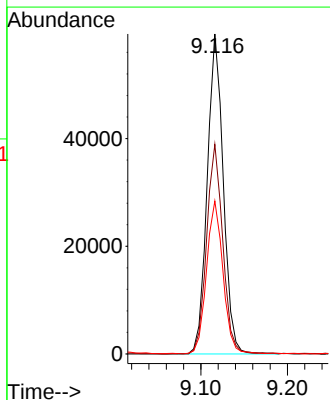
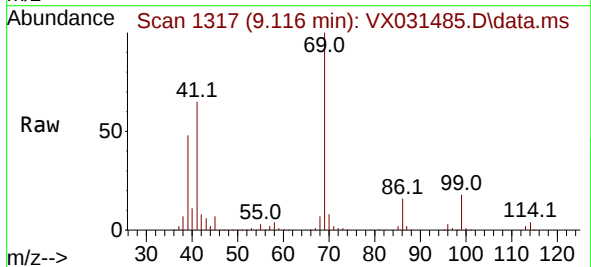
Manual Integrations
APPROVED

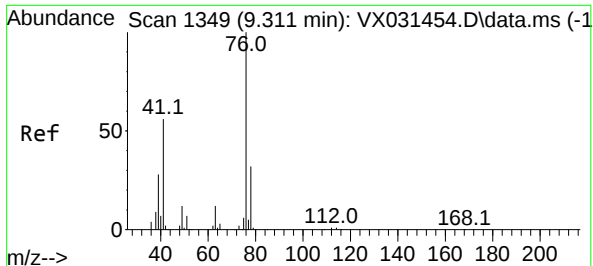
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#56
Ethyl methacrylate
Concen: 52.223 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	54.2	81.4
39	49.3	34.2	51.2





#57

1,3-Dichloropropane

Concen: 50.885 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 8601

Ion Ratio Lower Upper

76 100

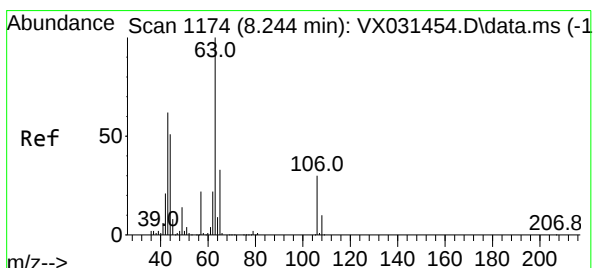
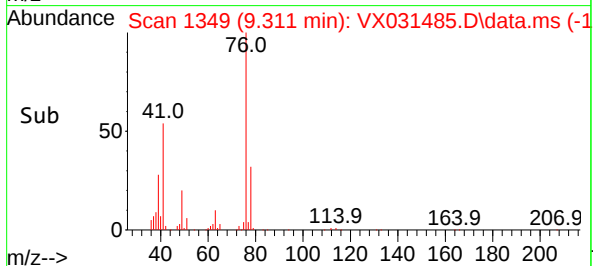
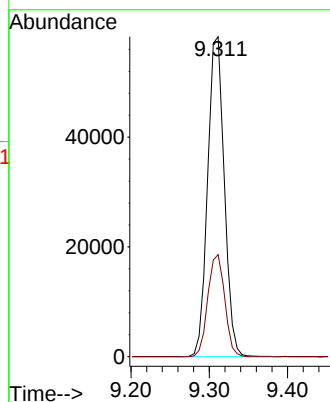
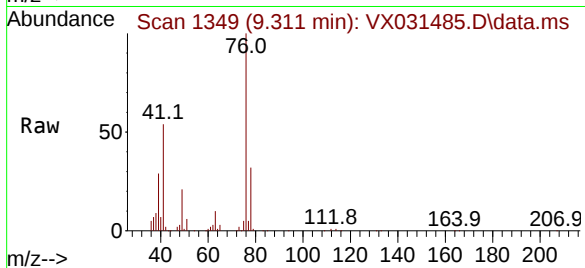
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 249.226 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031485.D

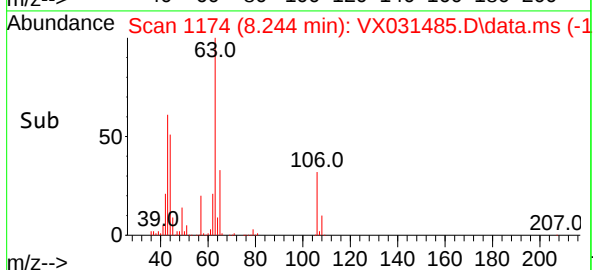
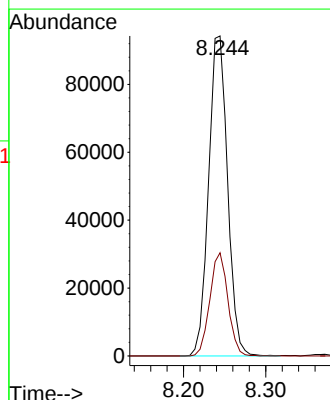
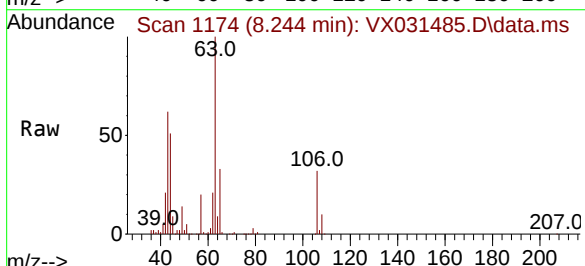
Acq: 20 Sep 2022 09:59

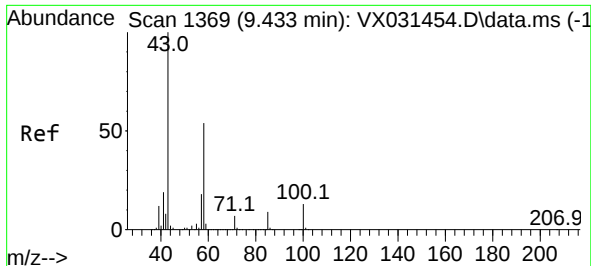
Tgt Ion: 63 Resp: 151313

Ion Ratio Lower Upper

63 100

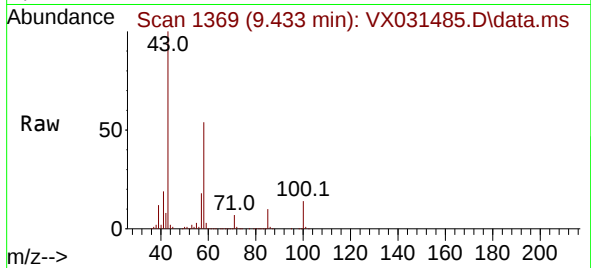
106 30.7 22.6 34.0





#59
2-Hexanone
Concen: 253.154 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

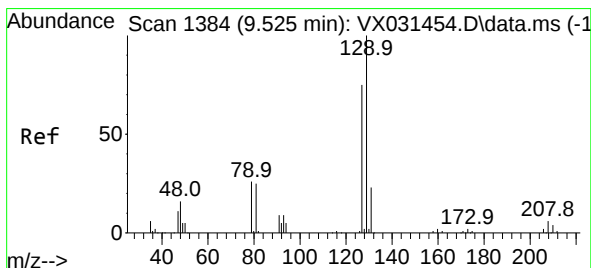
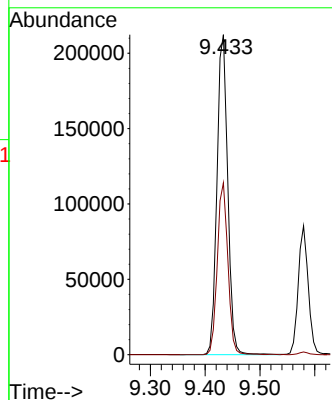
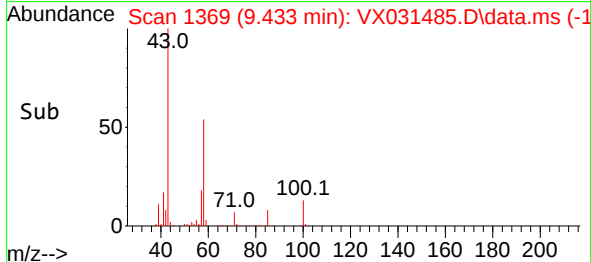
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 288085
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.0

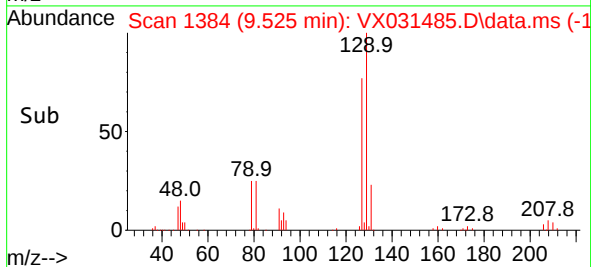
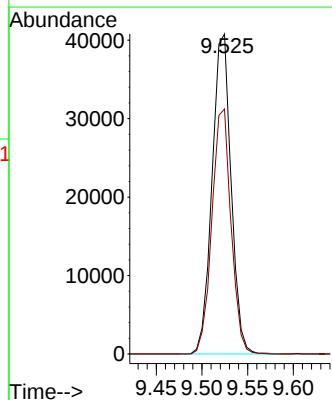
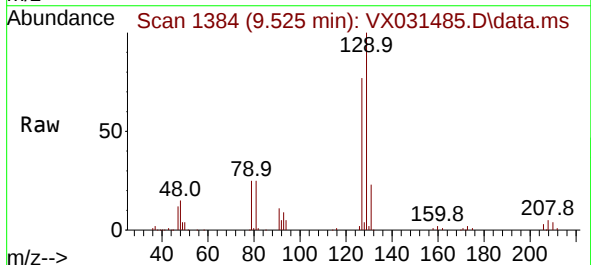
Manual Integrations
APPROVED

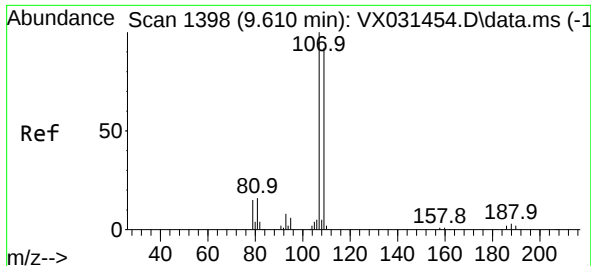
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#60
Dibromochloromethane
Concen: 53.842 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

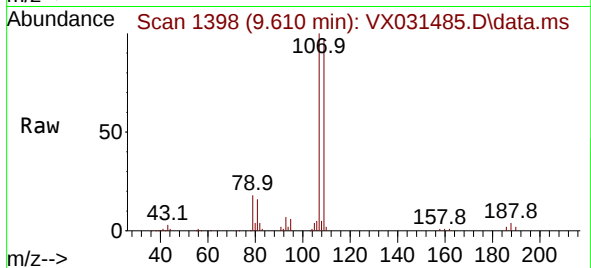
Tgt Ion:129 Resp: 58894
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 51.417 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

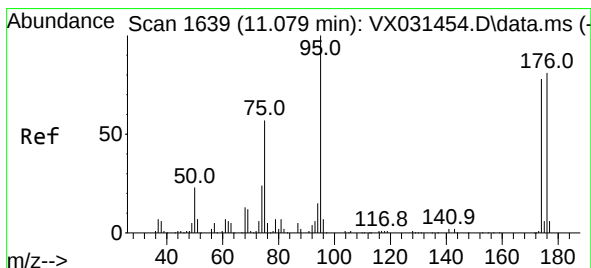
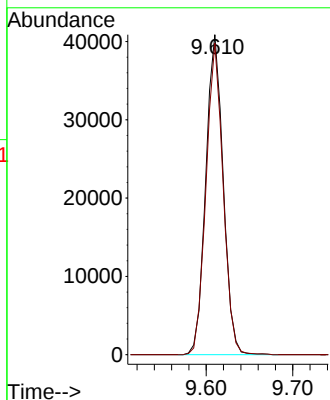
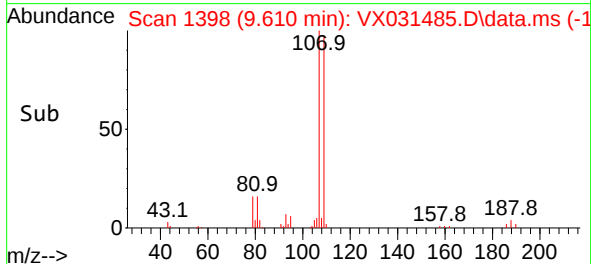
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 5705
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.4

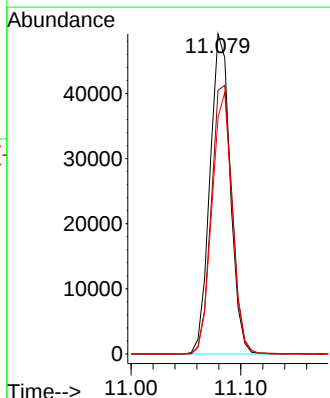
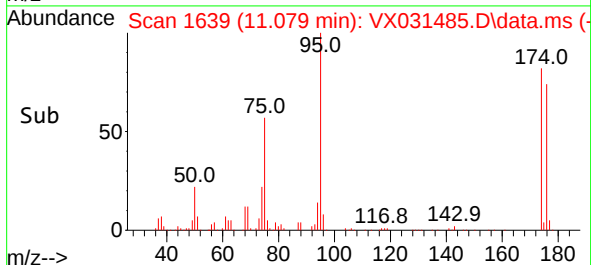
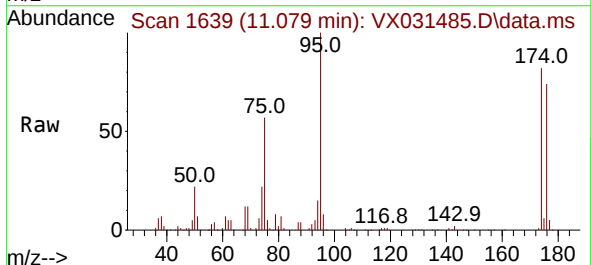
Manual Integrations
APPROVED

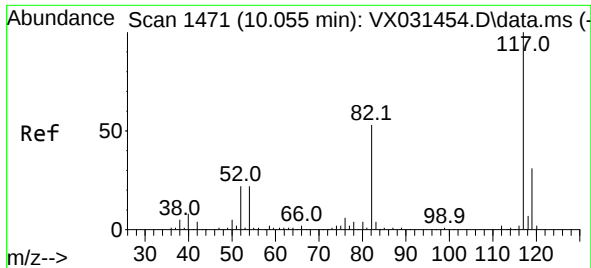
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#62
4-Bromofluorobenzene
Concen: 57.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

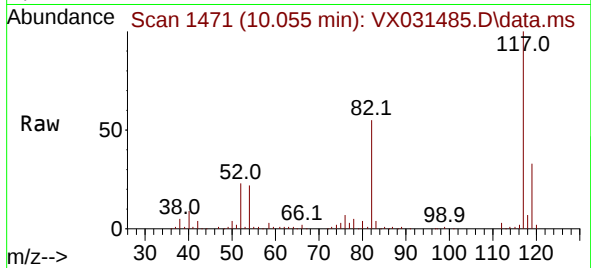
Tgt Ion: 95 Resp: 63049
Ion Ratio Lower Upper
95 100
174 87.3 0.0 153.2
176 81.8 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

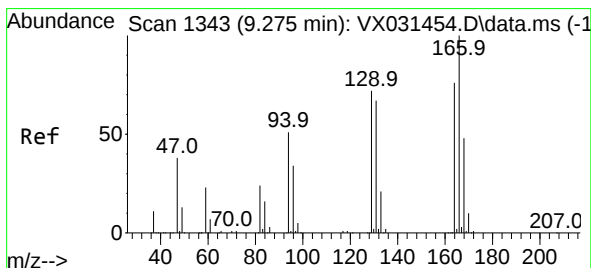
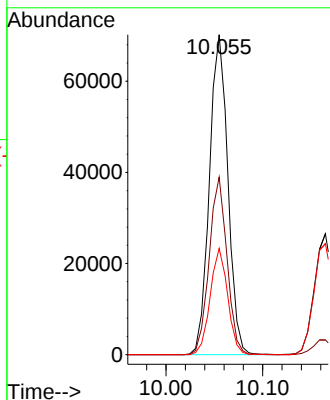
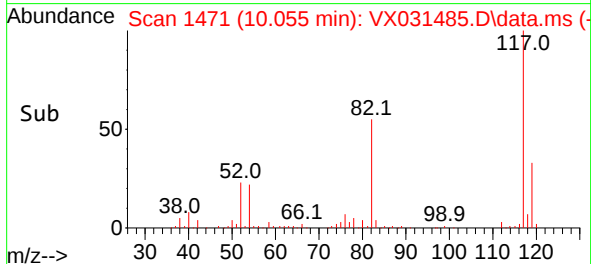
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 9321
Ion Ratio Lower Upper
117 100
82 55.5 46.8 70.2
119 33.2 26.4 39.6

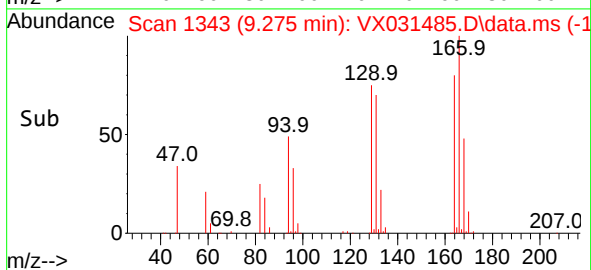
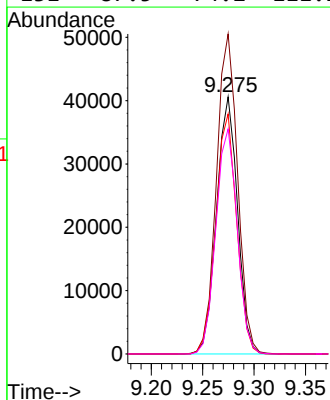
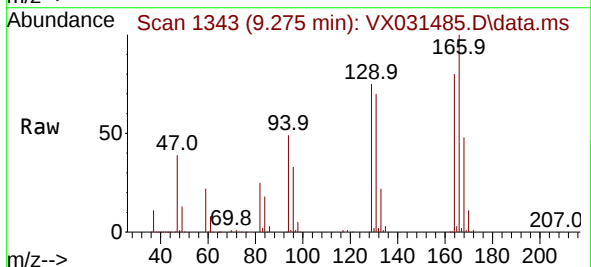
Manual Integrations
APPROVED

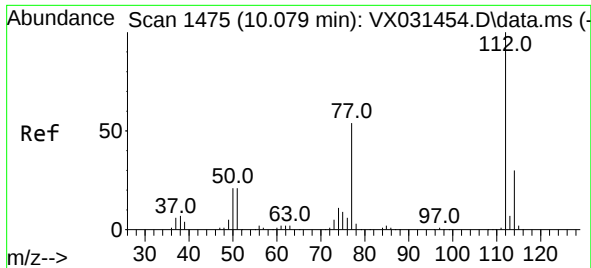
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#64
Tetrachloroethene
Concen: 51.453 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

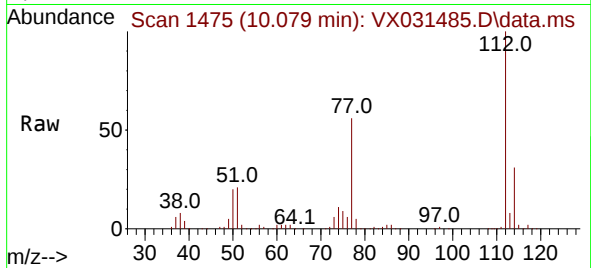
Tgt Ion:164 Resp: 57607
Ion Ratio Lower Upper
164 100
166 124.4 99.0 148.4
129 93.3 78.0 117.0
131 87.5 74.2 111.2





#65
Chlorobenzene
Concen: 49.698 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

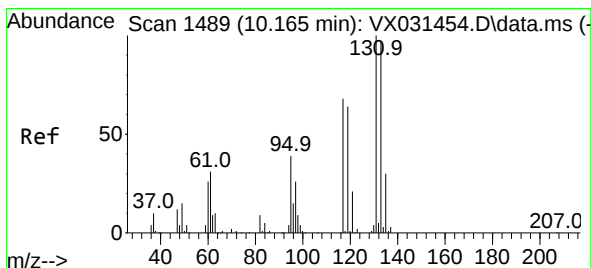
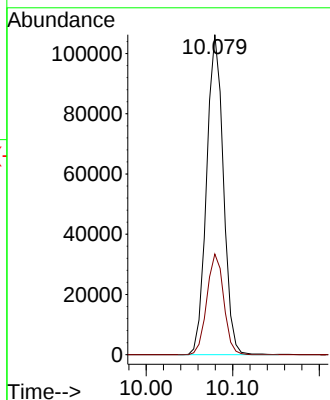
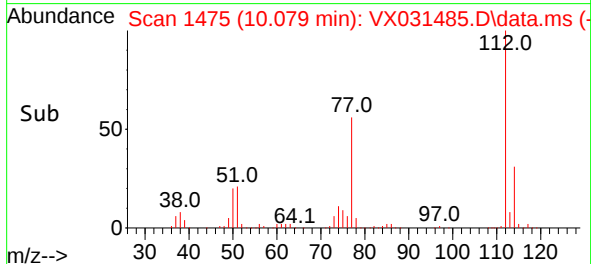
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



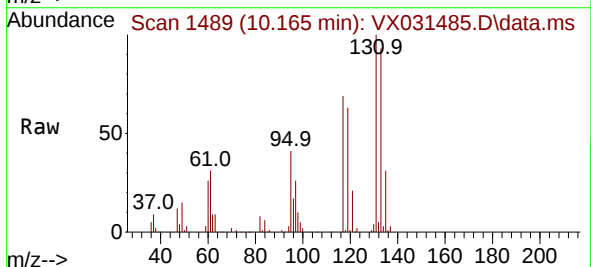
Tgt Ion:112 Resp: 14285
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

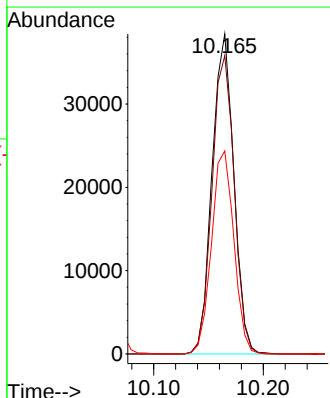
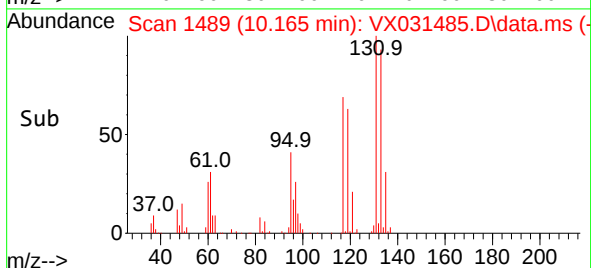
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

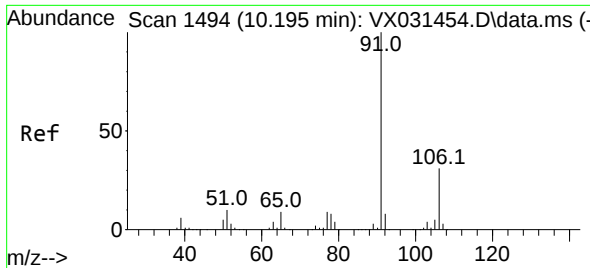


#66
1,1,1,2-Tetrachloroethane
Concen: 51.061 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



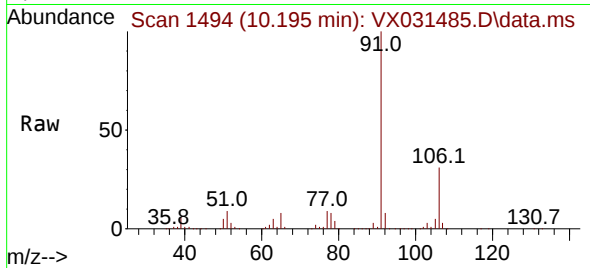
Tgt Ion:131 Resp: 52957
Ion Ratio Lower Upper
131 100
133 95.4 46.6 139.7
119 65.4 31.9 95.9





#67
Ethyl Benzene
Concen: 50.313 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

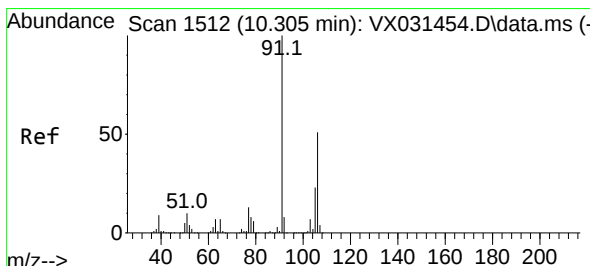
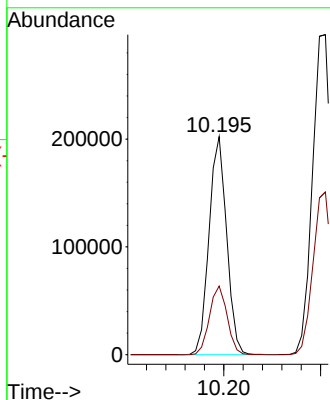
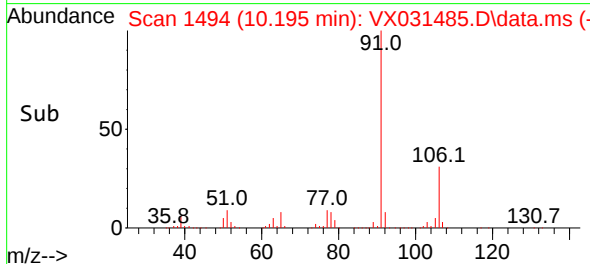
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



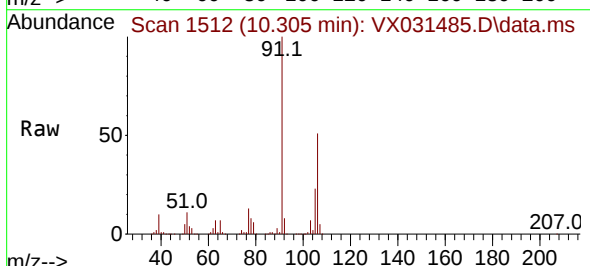
Tgt Ion: 91 Resp: 25535
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

Manual Integrations
APPROVED

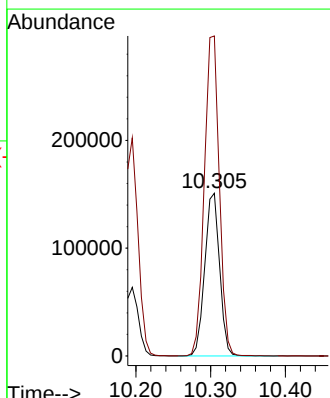
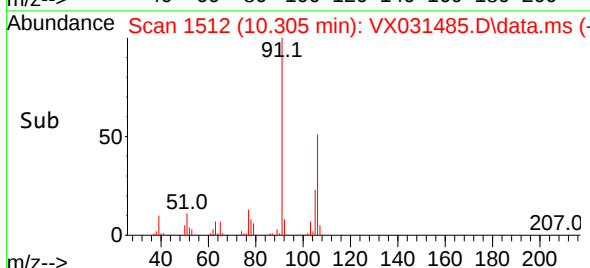
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

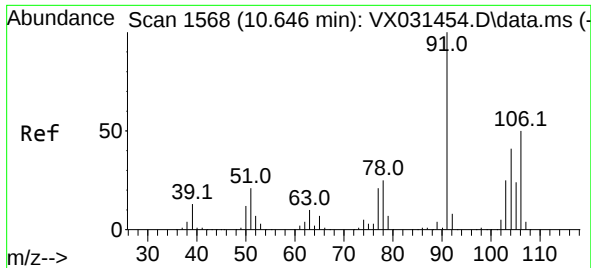


#68
m/p-Xylenes
Concen: 101.835 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



Tgt Ion:106 Resp: 207701
Ion Ratio Lower Upper
106 100
91 198.5 161.0 241.4





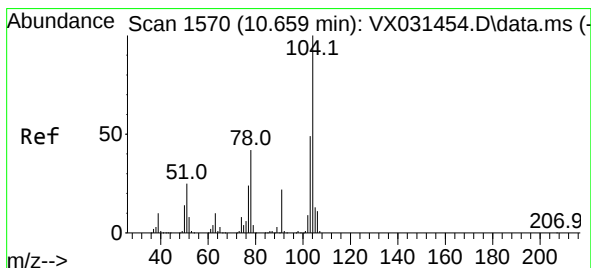
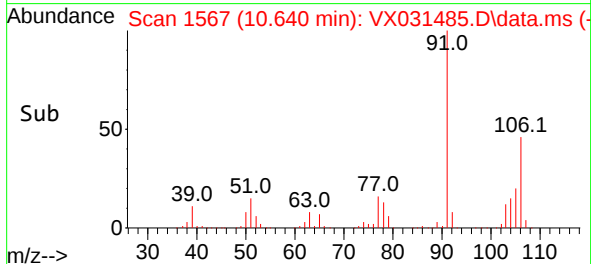
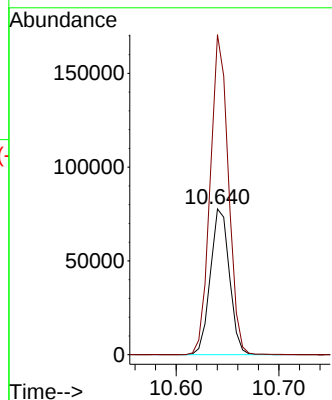
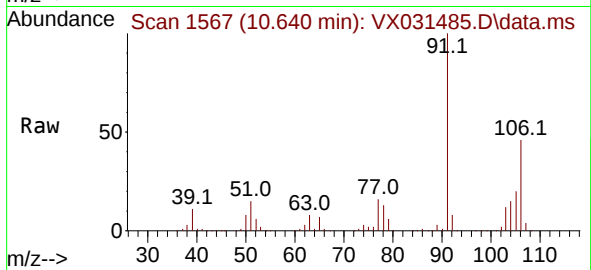
#69
o-Xylene
Concen: 51.410 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 100083
Ion Ratio Lower Upper
106 100
91 209.9 107.2 321.6

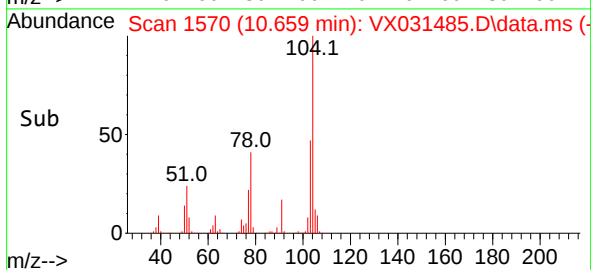
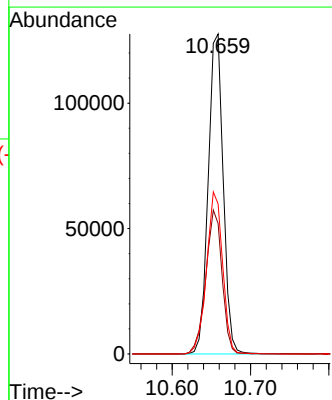
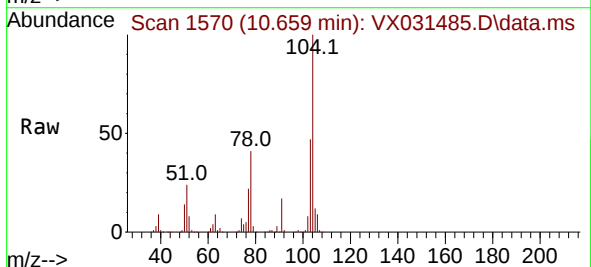
Manual Integrations
APPROVED

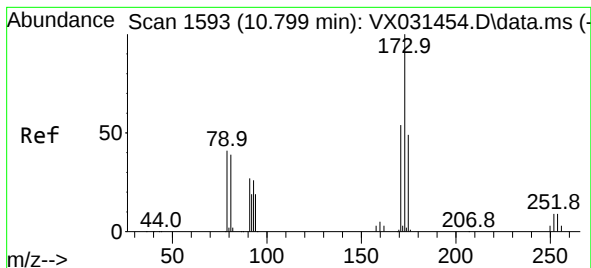
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#70
Styrene
Concen: 52.911 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

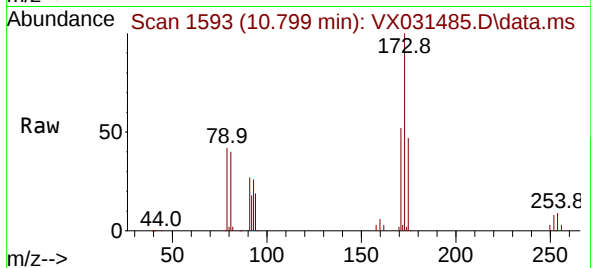
Tgt Ion:104 Resp: 169594
Ion Ratio Lower Upper
104 100
78 48.8 41.4 62.2
103 54.2 43.8 65.8





#71
Bromoform
Concen: 53.052 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

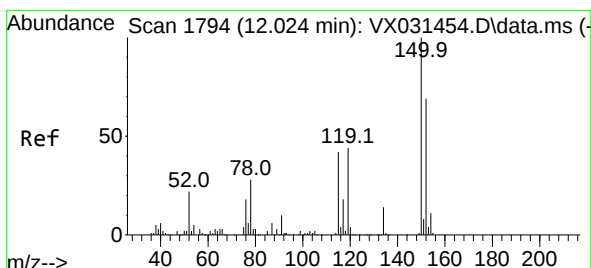
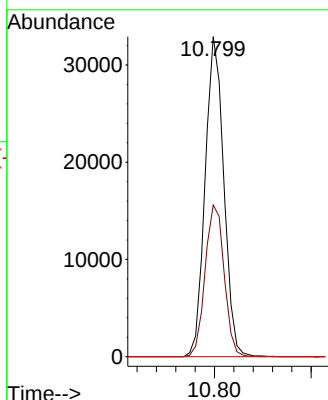
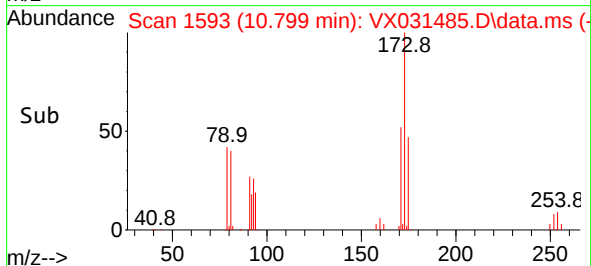
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



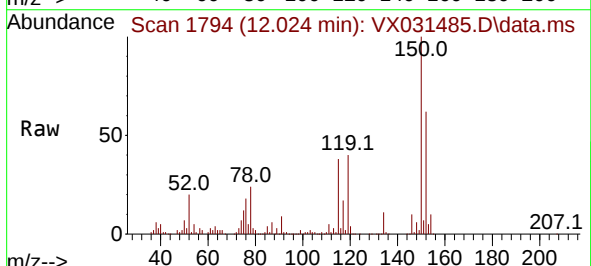
Tgt Ion:173 Resp: 4402
Ion Ratio Lower Upper
173 100
175 48.3 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

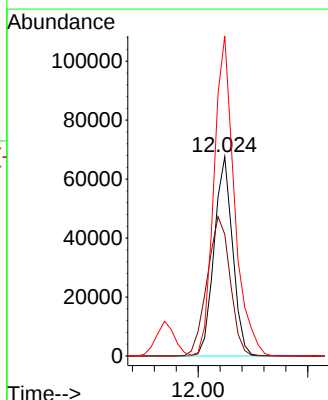
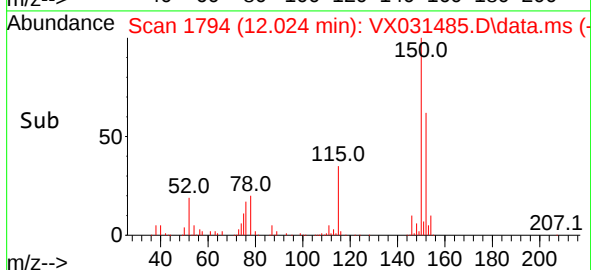
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

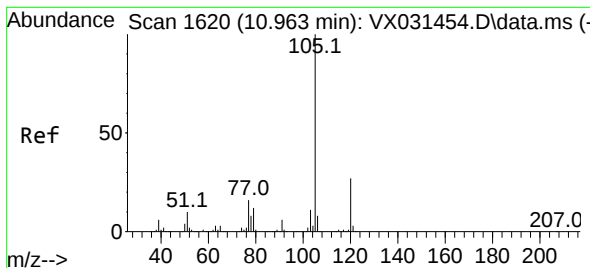


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



Tgt Ion:152 Resp: 79253
Ion Ratio Lower Upper
152 100
115 86.5 43.4 130.1
150 177.5 0.0 346.8





#73

Isopropylbenzene

Concen: 44.900 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 26573

Ion Ratio Lower Upper

105 100

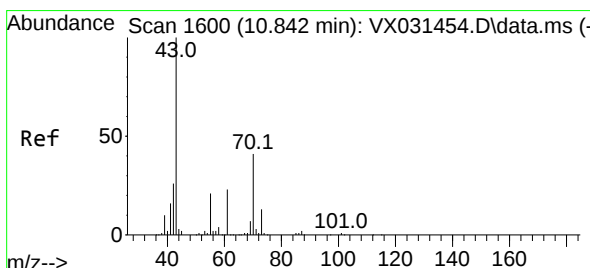
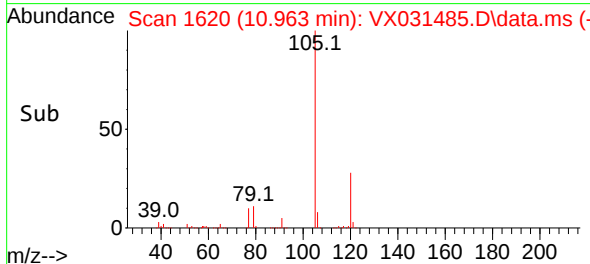
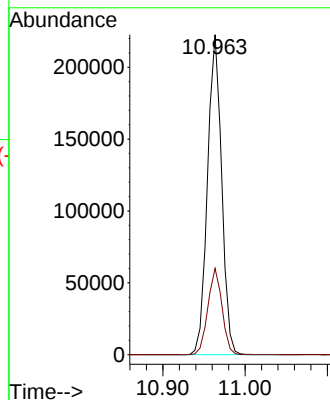
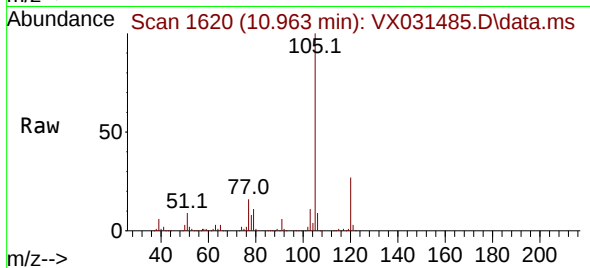
120 26.9 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#74

N-ethyl acetate

Concen: 46.080 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Tgt Ion: 43 Resp: 110537

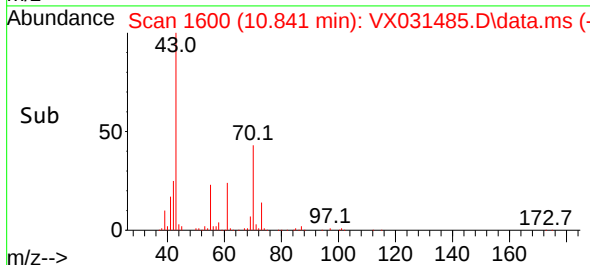
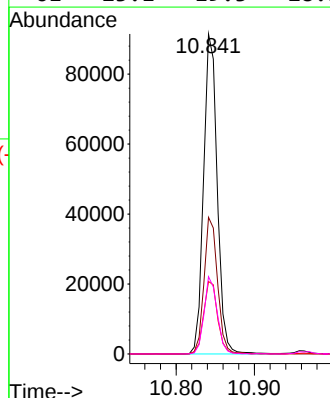
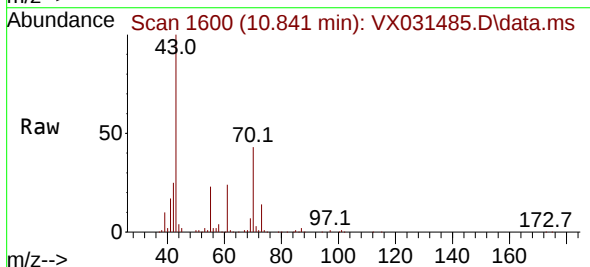
Ion Ratio Lower Upper

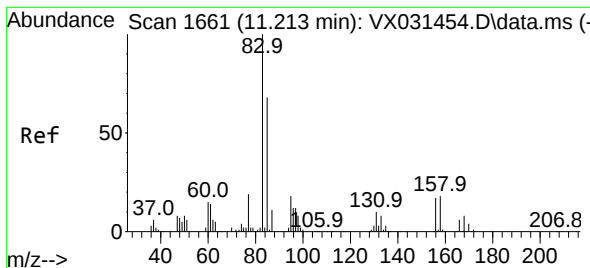
43 100

70 42.3 33.4 50.2

55 23.4 18.2 27.2

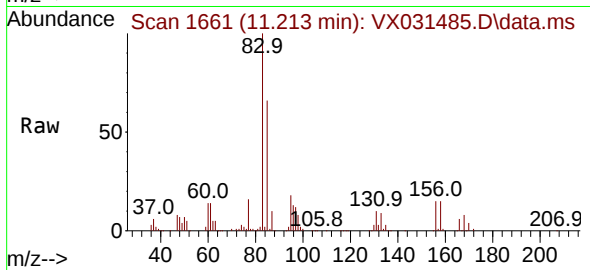
61 23.1 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 52.132 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

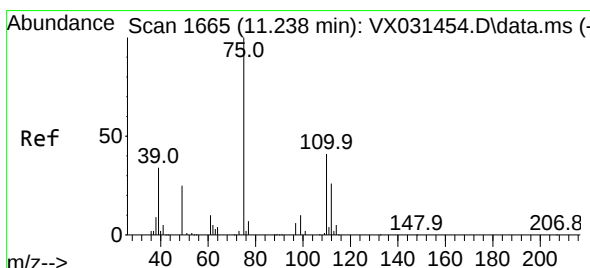
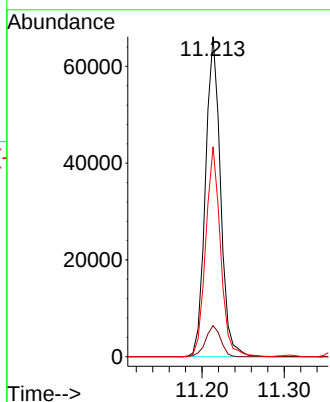
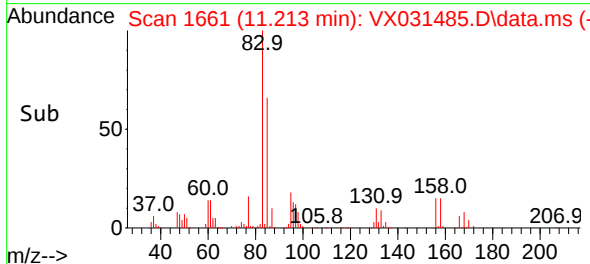
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



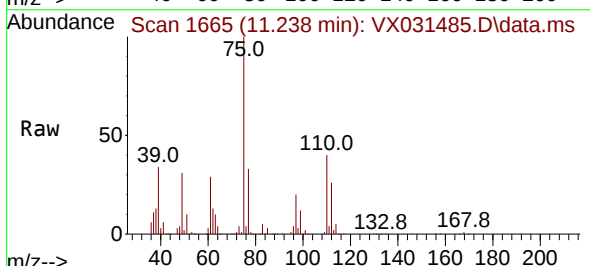
Tgt Ion: 83 Resp: 83950
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 64.5 32.6 97.8

Manual Integrations
APPROVED

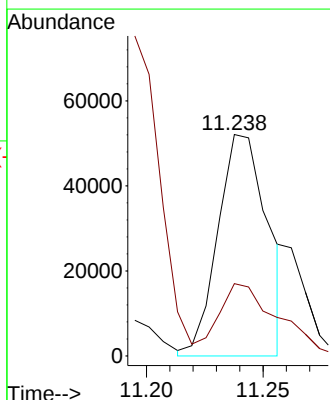
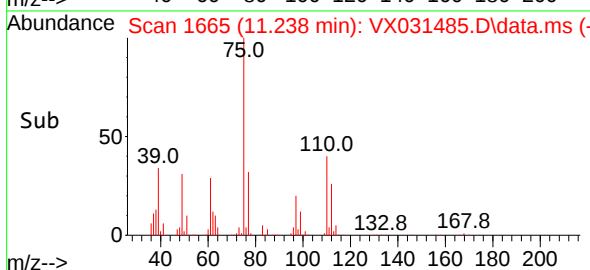
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

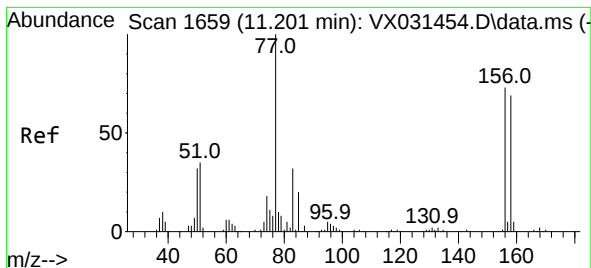


#76
1,2,3-Trichloropropane
Concen: 43.667 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



Tgt Ion: 75 Resp: 77240
Ion Ratio Lower Upper
75 100
77 39.2 20.3 60.9





#77

Bromobenzene

Concen: 44.087 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

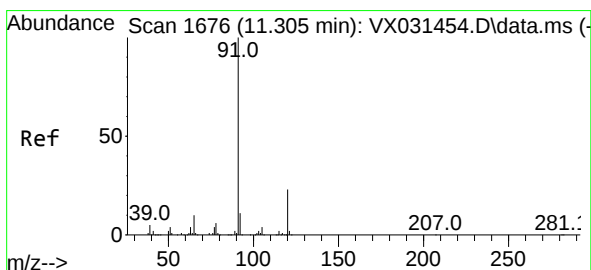
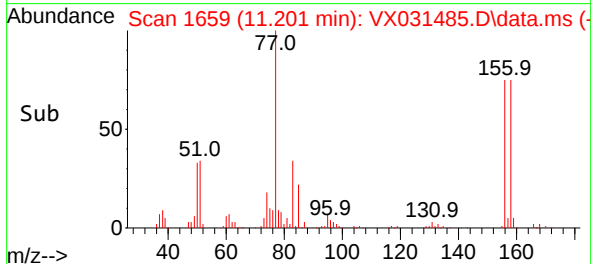
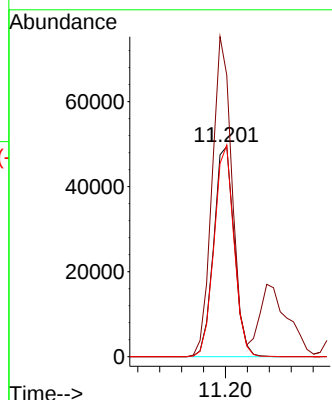
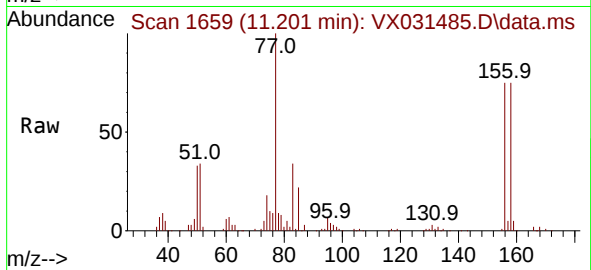
Tgt Ion:	156	Resp:	6430
Ion Ratio	Lower	Upper	
156	100		
77	146.7	79.5	238.6
158	97.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#78

n-propylbenzene

Concen: 47.275 ug/l

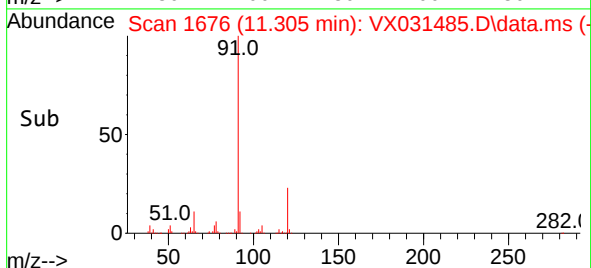
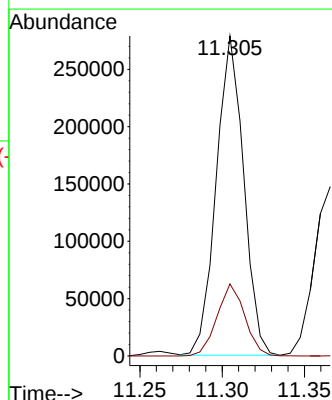
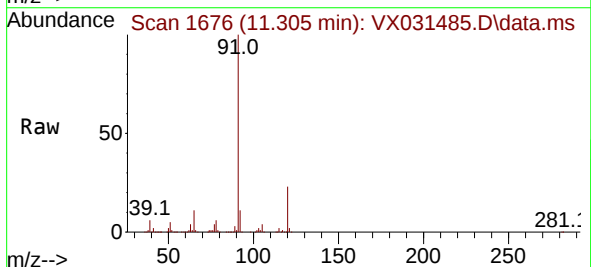
RT: 11.305 min Scan# 1676

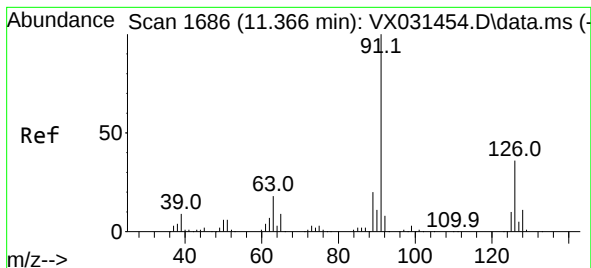
Delta R.T. -0.000 min

Lab File: VX031485.D

Acq: 20 Sep 2022 09:59

Tgt Ion:	91	Resp:	321893
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.8	35.4





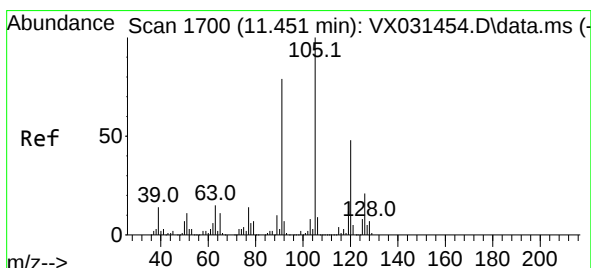
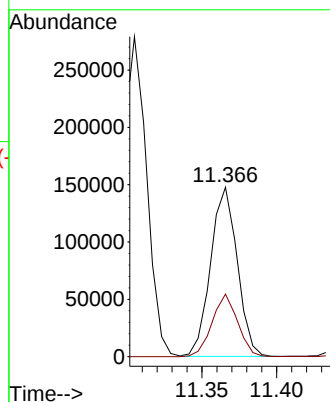
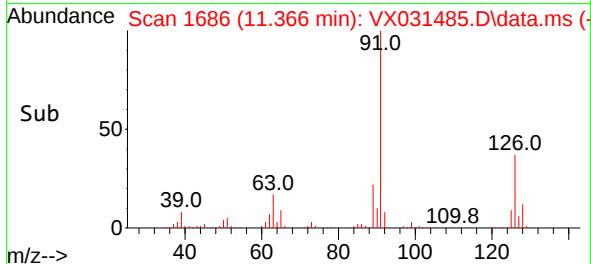
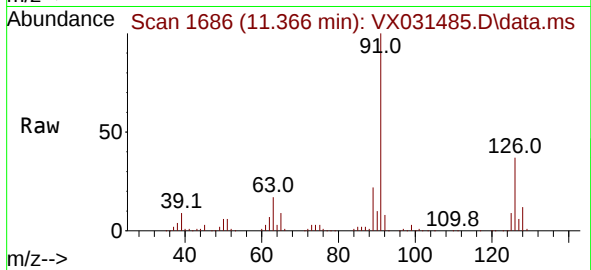
#79
2-Chlorotoluene
Concen: 44.982 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 182300
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

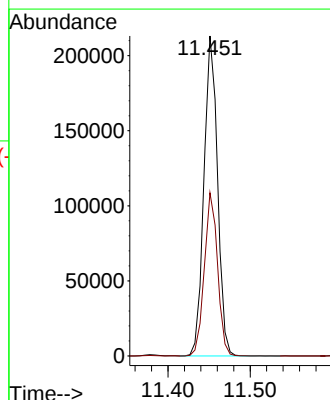
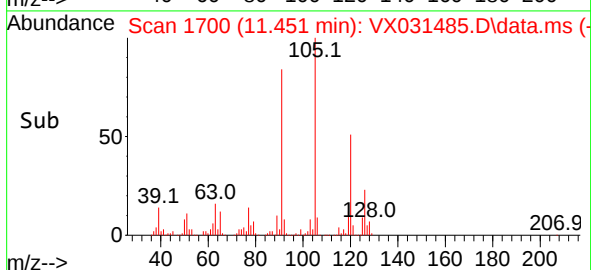
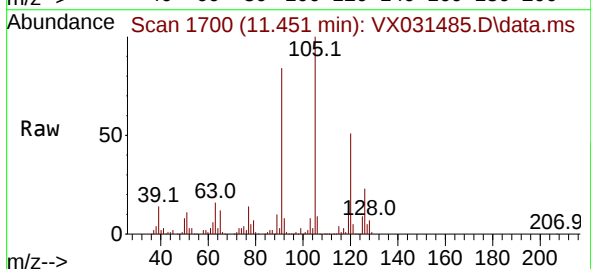
Manual Integrations
APPROVED

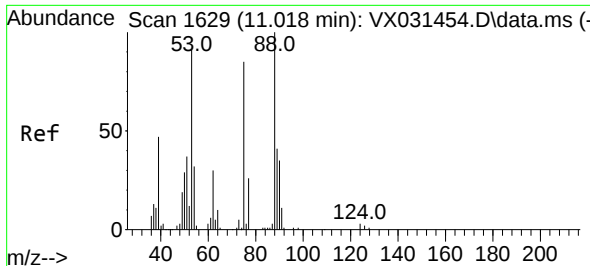
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.689 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

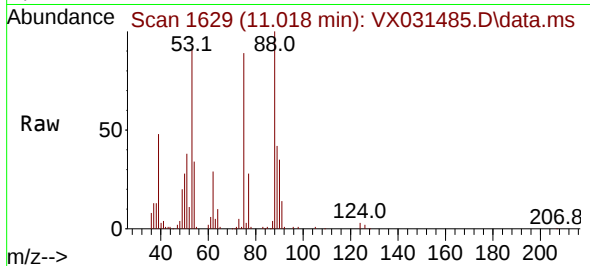
Tgt Ion:105 Resp: 244542
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.291 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

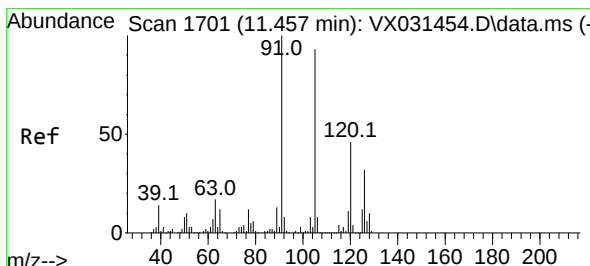
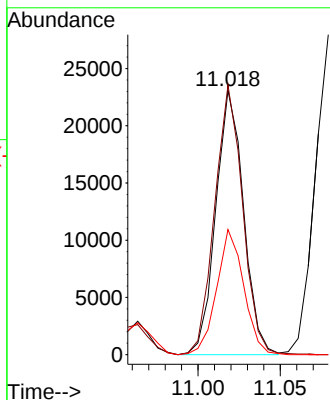
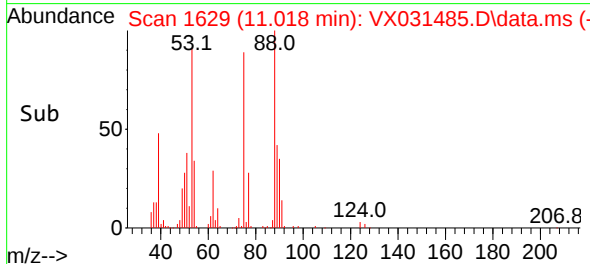
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



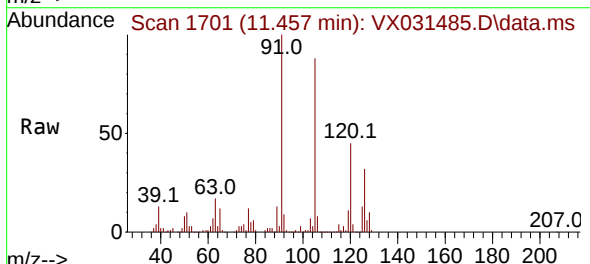
Tgt Ion: 75 Resp: 27078
Ion Ratio Lower Upper
75 100
53 102.7 77.6 116.4
89 46.3 37.4 56.0

Manual Integrations
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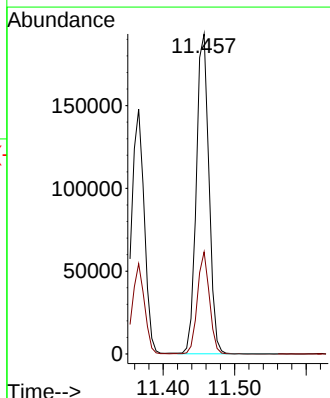
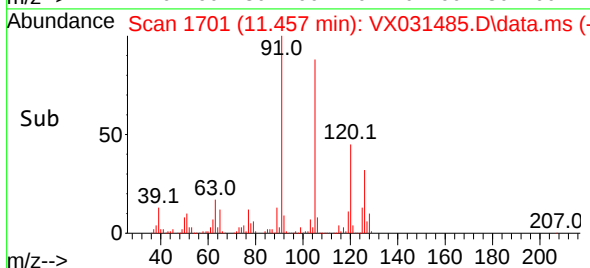
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

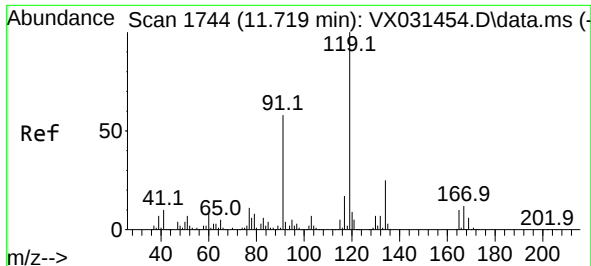


#82
4-Chlorotoluene
Concen: 49.733 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



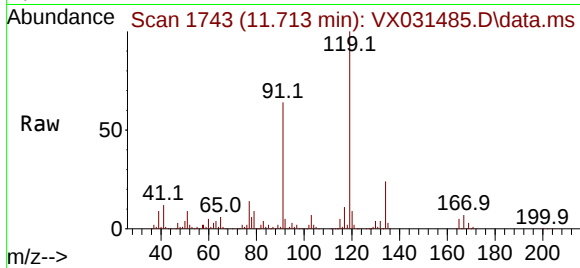
Tgt Ion: 91 Resp: 236538
Ion Ratio Lower Upper
91 100
126 30.4 15.1 45.3





#83
tert-Butylbenzene
Concen: 46.747 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

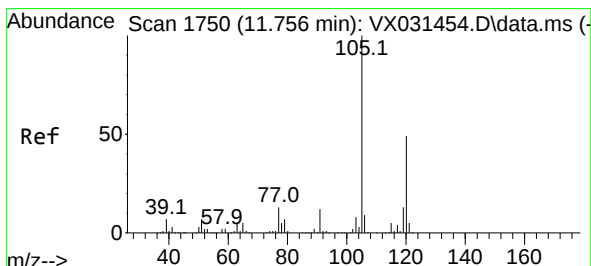
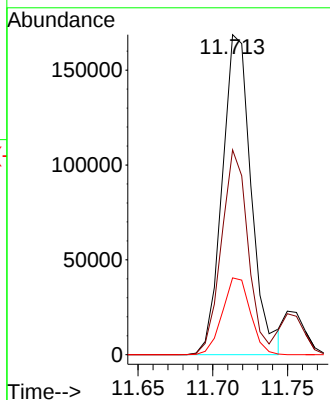
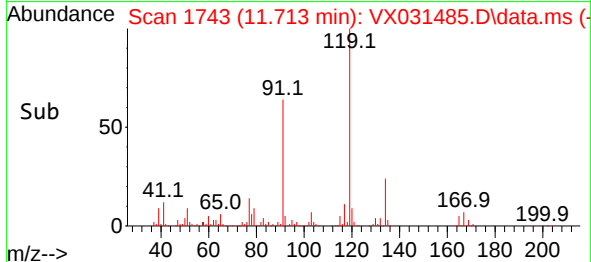
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



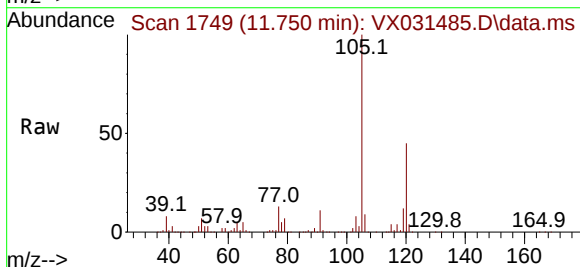
Tgt Ion:119 Resp: 227560
Ion Ratio Lower Upper
119 100
91 58.7 29.2 87.6
134 23.3 11.6 34.8

Manual Integrations
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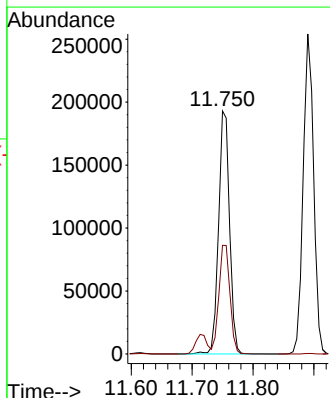
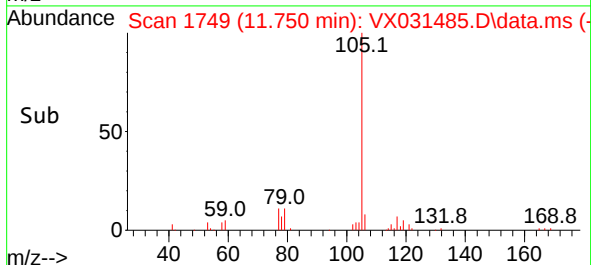
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

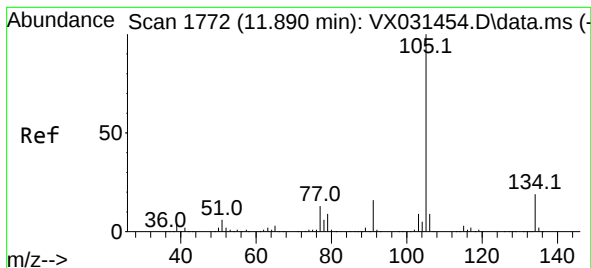


#84
1,2,4-Trimethylbenzene
Concen: 48.626 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59



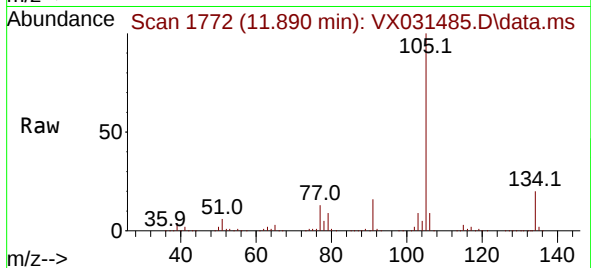
Tgt Ion:105 Resp: 240527
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 49.017 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59

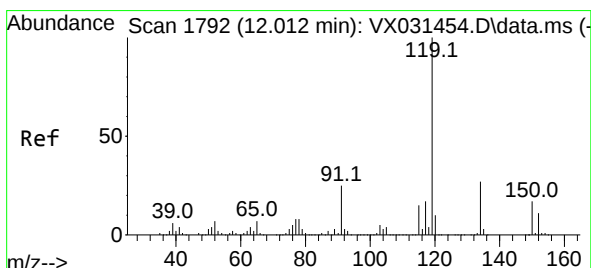
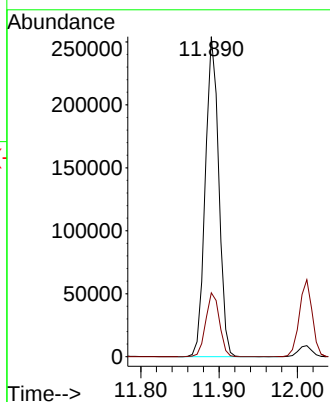
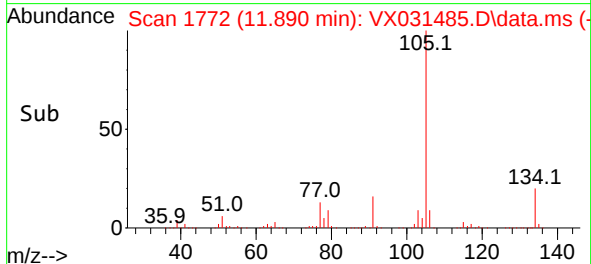
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



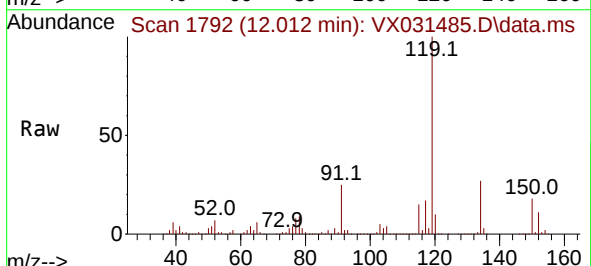
Tgt Ion:105 Resp: 30197
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
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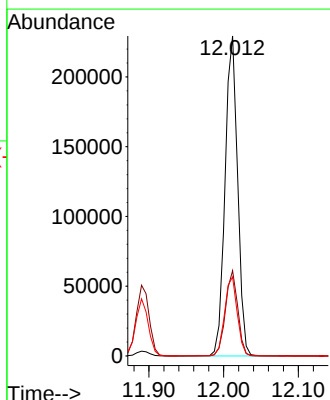
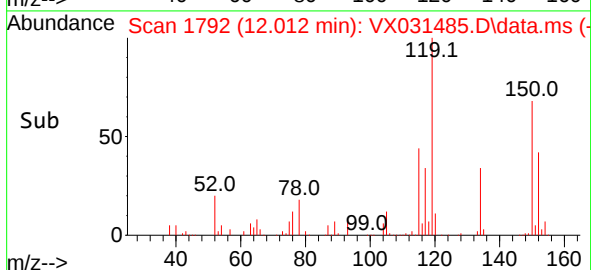
Reviewed By :John Carlone 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

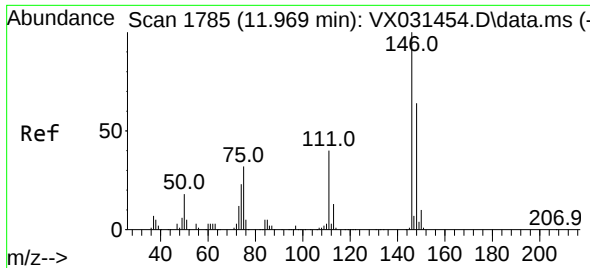


#86
 p-Isopropyltoluene
 Concen: 51.411 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59



Tgt Ion:119 Resp: 267447
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.2
 91 24.9 12.4 37.2





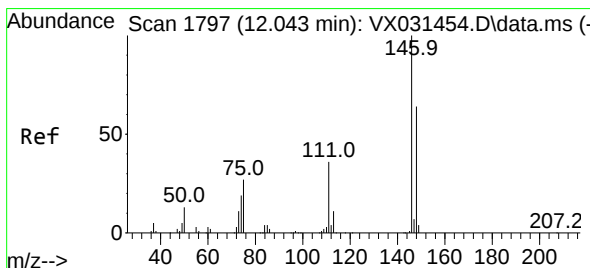
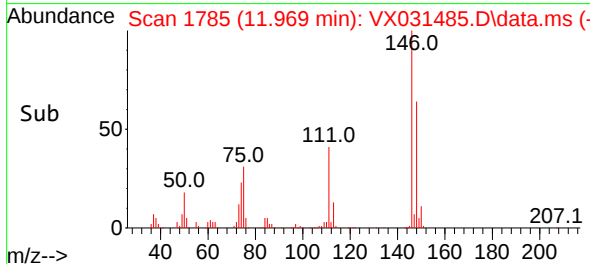
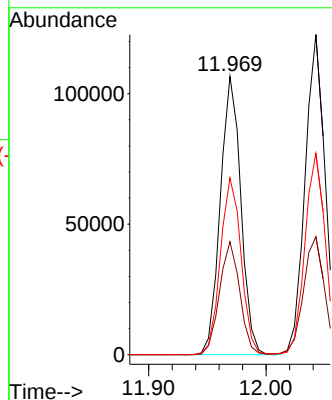
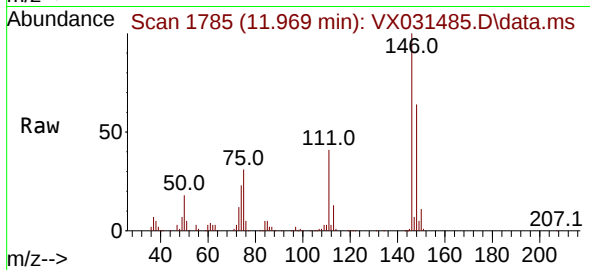
#87
1,3-Dichlorobenzene
Concen: 46.401 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 12972
Ion Ratio Lower Upper
146 100
111 40.1 19.8 59.4
148 63.9 31.5 94.5

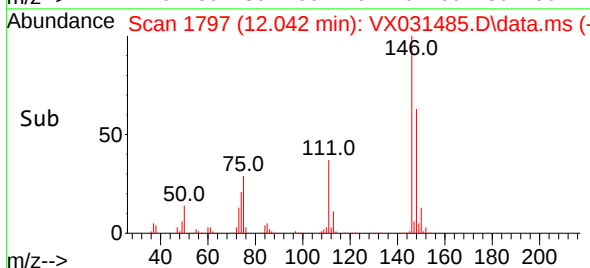
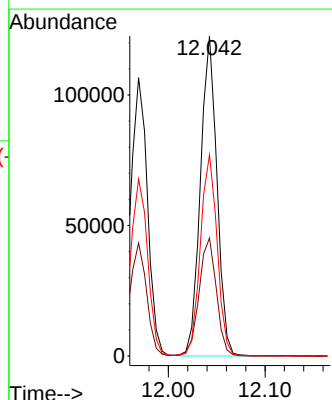
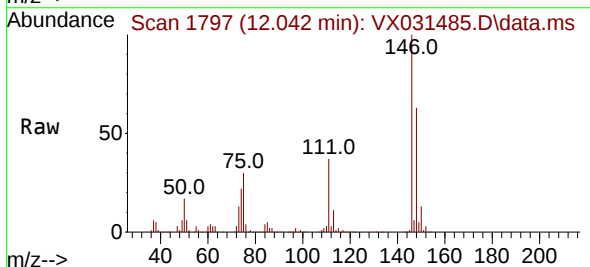
Manual Integrations
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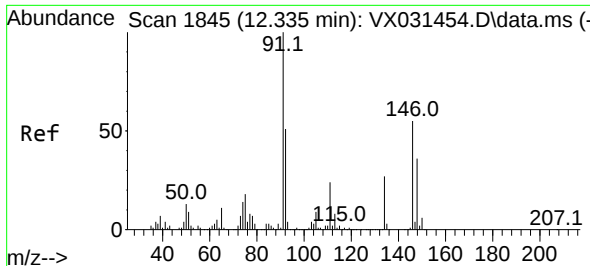
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#88
1,4-Dichlorobenzene
Concen: 50.051 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

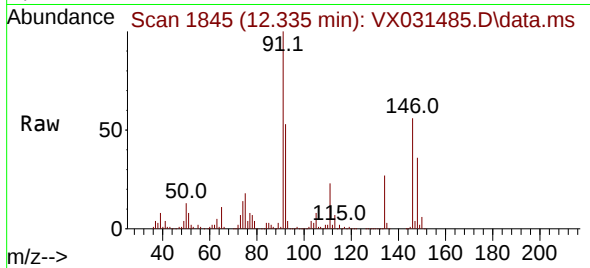
Tgt Ion:146 Resp: 145952
Ion Ratio Lower Upper
146 100
111 38.7 20.5 61.5
148 63.9 32.0 96.2





#89
n-Butylbenzene
Concen: 51.513 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

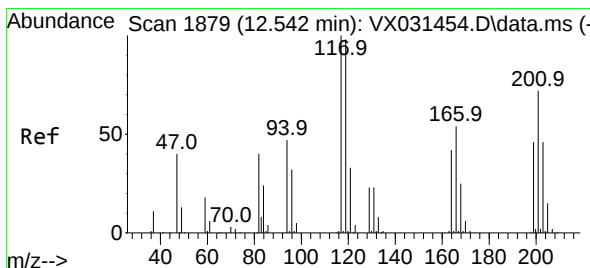
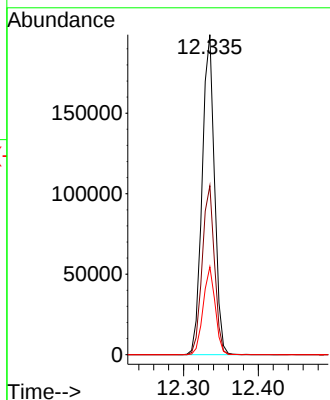
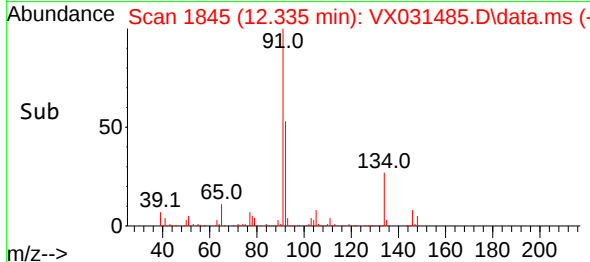
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 228270
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 26.7 13.3 39.9

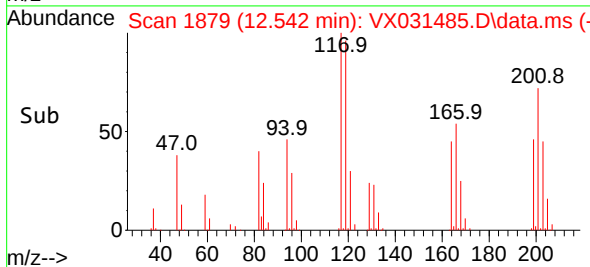
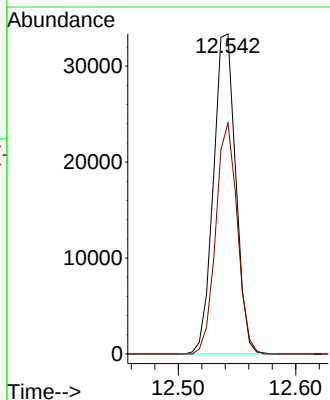
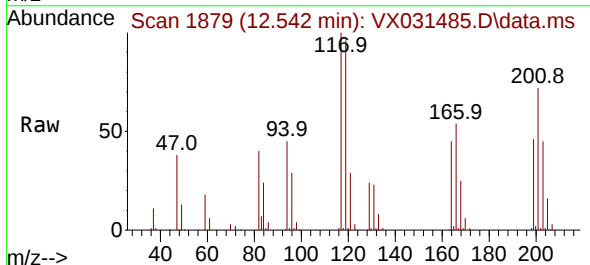
Manual Integrations
APPROVED

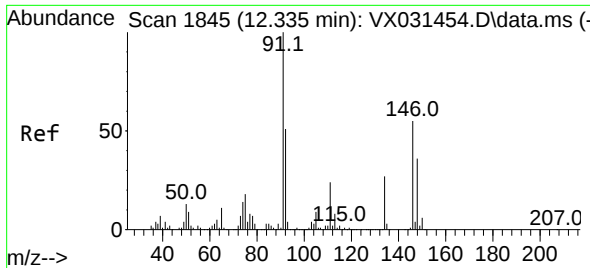
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#90
Hexachloroethane
Concen: 49.316 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

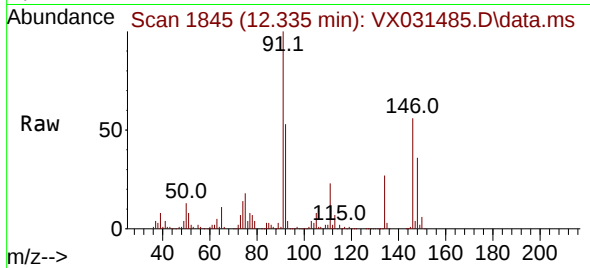
Tgt Ion:117 Resp: 44083
Ion Ratio Lower Upper
117 100
201 69.6 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 47.924 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

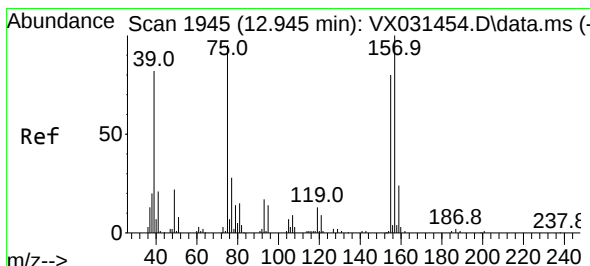
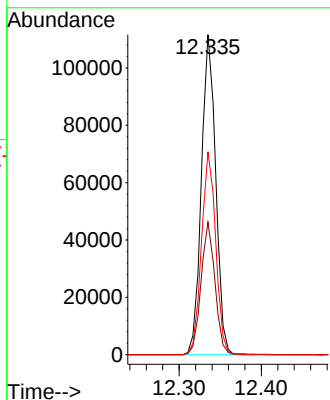
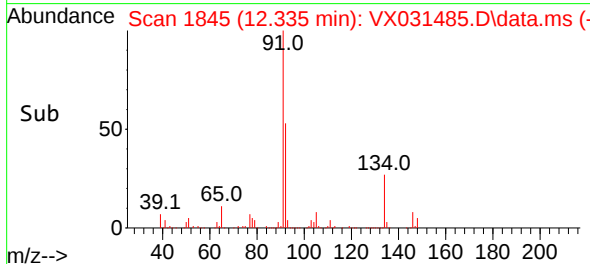
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 134920
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 62.9 31.6 95.0

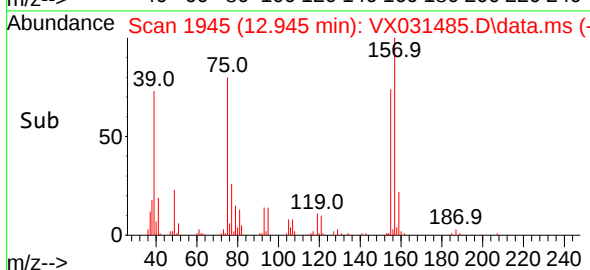
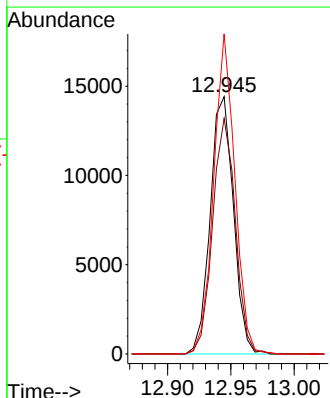
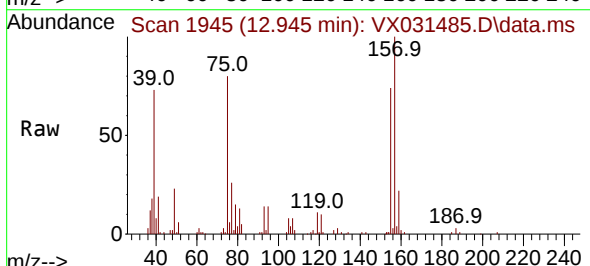
Manual Integrations
APPROVED

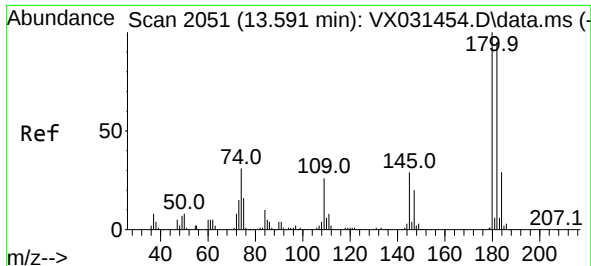
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.317 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

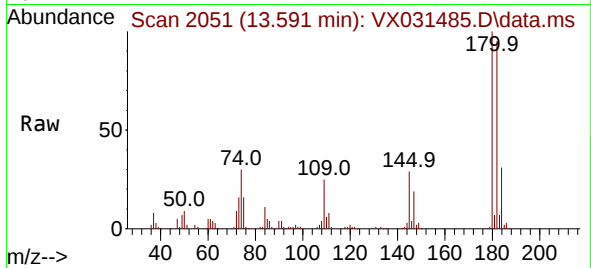
Tgt Ion: 75 Resp: 18429
Ion Ratio Lower Upper
75 100
155 89.4 40.3 120.8
157 112.9 51.5 154.5





#93
 1,2,4-Trichlorobenzene
 Concen: 48.562 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59

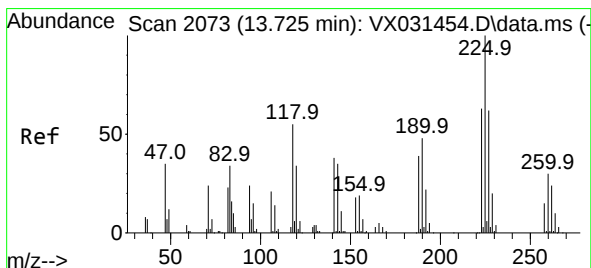
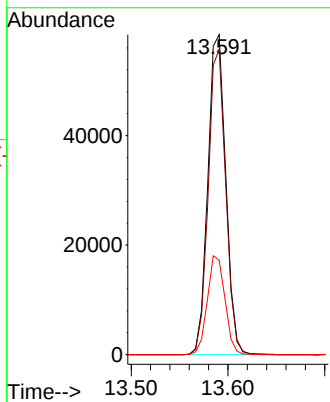
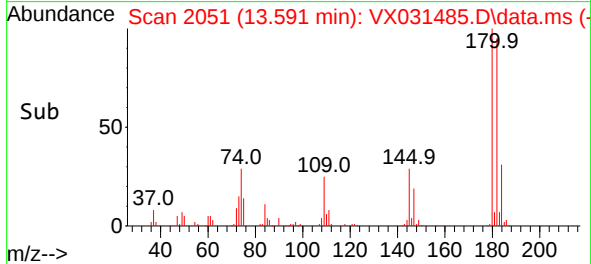
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



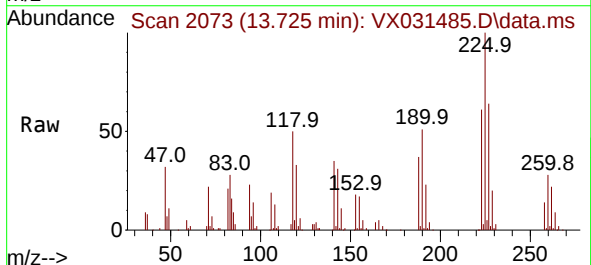
Tgt Ion:180 Resp: 7533
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.9 140.6
 145 30.4 16.7 50.1

Manual Integrations
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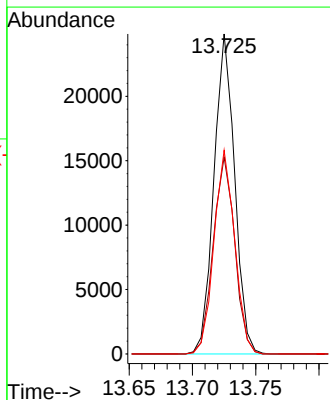
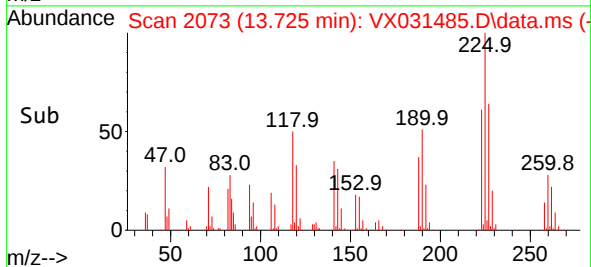
Reviewed By :John Carlone 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

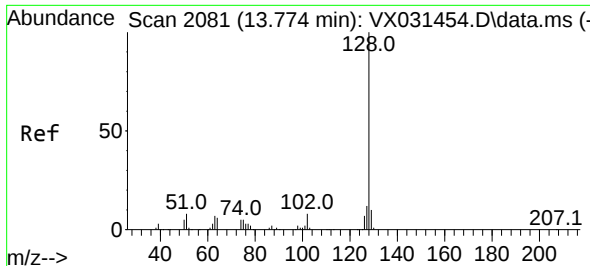


#94
 Hexachlorobutadiene
 Concen: 54.477 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX031485.D
 Acq: 20 Sep 2022 09:59



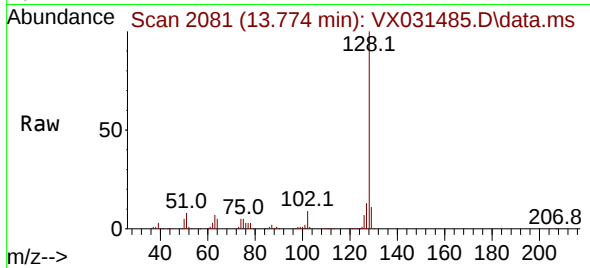
Tgt Ion:225 Resp: 28198
 Ion Ratio Lower Upper
 225 100
 223 63.9 30.8 92.4
 227 63.8 32.3 96.9





#95
Naphthalene
Concen: 46.174 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

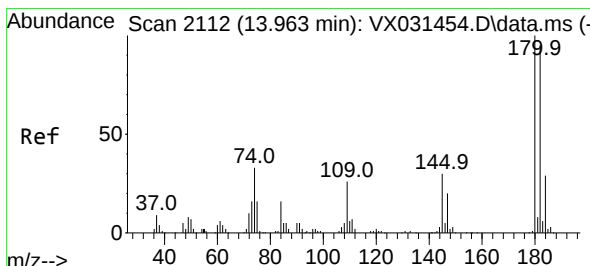
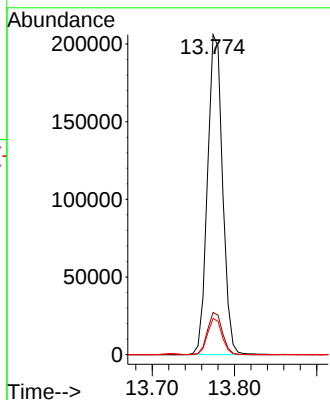
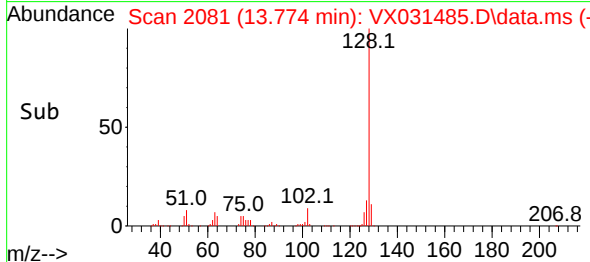
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 262338
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.358 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031485.D
Acq: 20 Sep 2022 09:59

Tgt Ion:180 Resp: 74124
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.8
145 32.0 17.6 52.8

