

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091322\
 Data File : VX031295.D
 Acq On : 13 Sep 2022 17:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 05:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:31:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	50540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	77892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	4580	4.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	8.540%#		
35) Dibromofluoromethane	5.397	113	4326	4.677	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.360%#		
50) Toluene-d8	8.653	98	11005	3.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	6.780%#		
62) 4-Bromofluorobenzene	11.085	95	5472	4.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.620%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2639	5.069	ug/l	95
3) Chloromethane	1.288	50	8104	5.326	ug/l	97
4) Vinyl Chloride	1.368	62	7643	4.587	ug/l #	86
5) Bromomethane	1.611	94	20897	5.237	ug/l	91
6) Chloroethane	1.678	64	16230	4.897	ug/l #	81
7) Trichlorofluoromethane	1.886	101	16671	4.923	ug/l	94
8) Diethyl Ether	2.136	74	6709	4.672	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	4188	5.171	ug/l	92
10) Methyl Iodide	2.453	142	3878	4.280	ug/l	96
11) Tert butyl alcohol	2.989	59	11108m	29.701	ug/l	
12) 1,1-Dichloroethene	2.319	96	4663	5.760	ug/l	96
13) Acrolein	2.239	56	10875m	35.195	ug/l	
14) Allyl chloride	2.660	41	8071	4.907	ug/l	97
15) Acrylonitrile	3.075	53	17802	25.098	ug/l	97
16) Acetone	2.392	43	15336	26.408	ug/l	96
17) Carbon Disulfide	2.508	76	7537	4.446	ug/l	97
18) Methyl Acetate	2.709	43	9247	5.094	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	16206	4.793	ug/l	96
20) Methylene Chloride	2.788	84	5740	5.781	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	4143	4.495	ug/l #	82
22) Diisopropyl ether	3.763	45	17411	4.568	ug/l	89
23) Vinyl Acetate	3.727	43	75521	22.393	ug/l	99
24) 1,1-Dichloroethane	3.611	63	8669	4.814	ug/l	98
25) 2-Butanone	4.568	43	25049	24.355	ug/l	91
26) 2,2-Dichloropropane	4.477	77	8012	5.277	ug/l	85
27) cis-1,2-Dichloroethene	4.495	96	4404	4.114	ug/l	78
28) Bromochloromethane	4.904	49	4902	5.521	ug/l #	100
29) Tetrahydrofuran	5.019	42	16221	24.056	ug/l	95
30) Chloroform	5.111	83	8260	4.492	ug/l	91
31) Cyclohexane	5.464	56	6259	4.232	ug/l #	90
32) 1,1,1-Trichloroethane	5.391	97	7809	4.879	ug/l	97
36) 1,1-Dichloropropene	5.696	75	5962	4.687	ug/l #	90
37) Ethyl Acetate	4.727	43	10296	5.068	ug/l #	91
38) Carbon Tetrachloride	5.690	117	6588	4.821	ug/l #	74
39) Methylcyclohexane	7.385	83	7106	4.913	ug/l	89
40) Benzene	6.050	78	18237	4.699	ug/l	95

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 Acq On : 13 Sep 2022 17:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 05:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:31:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	5006	4.865	ug/l	96
42) 1,2-Dichloroethane	6.092	62	6683	4.729	ug/l	95
43) Isopropyl Acetate	6.342	43	15873	4.915	ug/l #	94
44) Trichloroethene	7.135	130	5082	4.942	ug/l	93
45) 1,2-Dichloropropane	7.440	63	5325	4.956	ug/l #	77
46) Dibromomethane	7.586	93	3638	4.933	ug/l	95
47) Bromodichloromethane	7.824	83	7238	4.744	ug/l #	83
48) Methyl methacrylate	7.702	41	6584	4.781	ug/l #	90
49) 1,4-Dioxane	7.696	88	3339	105.522	ug/l #	75
51) 4-Methyl-2-Pentanone	8.580	43	49435	22.353	ug/l	99
52) Toluene	8.726	92	10406	4.199	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	8678	4.899	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	8720	4.861	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	5254	4.743	ug/l #	90
56) Ethyl methacrylate	9.122	69	8134	4.530	ug/l	93
57) 1,3-Dichloropropane	9.311	76	8565	4.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	20980	23.808	ug/l	99
59) 2-Hexanone	9.433	43	38295	22.629	ug/l	98
60) Dibromochloromethane	9.525	129	5246	4.399	ug/l	96
61) 1,2-Dibromoethane	9.610	107	5003	4.491	ug/l	97
64) Tetrachloroethene	9.275	164	4498	4.816	ug/l #	85
65) Chlorobenzene	10.079	112	11814	4.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	4963	4.862	ug/l	92
67) Ethyl Benzene	10.195	91	22499	4.874	ug/l	98
68) m/p-Xylenes	10.305	106	17391	9.322	ug/l	98
69) o-Xylene	10.646	106	8622	4.721	ug/l	94
70) Styrene	10.659	104	14049	4.581	ug/l	96
71) Bromoform	10.805	173	4311	4.806	ug/l #	97
73) Isopropylbenzene	10.963	105	21618	5.053	ug/l	96
74) N-amyl acetate	10.848	43	12653	5.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	8492	5.201	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	7280m	5.047	ug/l	
77) Bromobenzene	11.201	156	5313	5.045	ug/l	97
78) n-propylbenzene	11.305	91	23774	4.774	ug/l	99
79) 2-Chlorotoluene	11.366	91	14485	5.110	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	17528	4.868	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	3196	5.277	ug/l	96
82) 4-Chlorotoluene	11.457	91	15375	4.664	ug/l	96
83) tert-Butylbenzene	11.713	119	18405	4.946	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	17812	5.030	ug/l	100
85) sec-Butylbenzene	11.890	105	22757	4.960	ug/l	98
86) p-Isopropyltoluene	12.012	119	17921	4.661	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	9947	4.968	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	10107	4.889	ug/l	95
89) n-Butylbenzene	12.335	91	15596	4.580	ug/l	99
90) Hexachloroethane	12.542	117	4206	5.406	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	9793	4.814	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2295	6.025	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	6001	5.211	ug/l	96
94) Hexachlorobutadiene	13.725	225	2434	5.406	ug/l	91
95) Naphthalene	13.774	128	22127	4.978	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	6138	5.071	ug/l	95

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Acq On : 13 Sep 2022 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

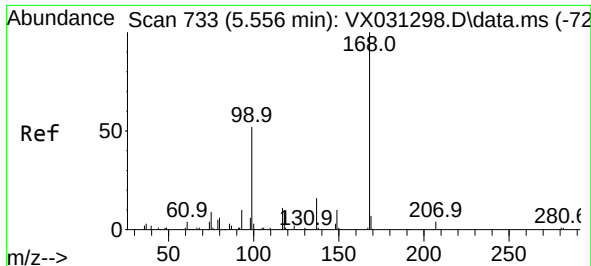
Quant Time: Sep 14 05:32:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 14 05:31:57 2022
Response via : Initial Calibration

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

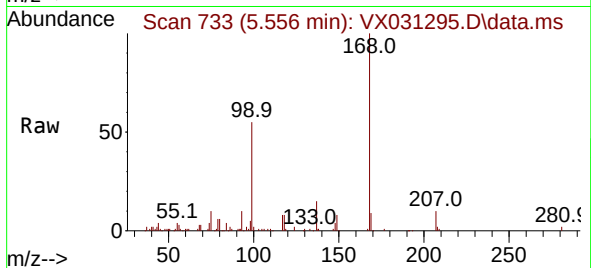
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

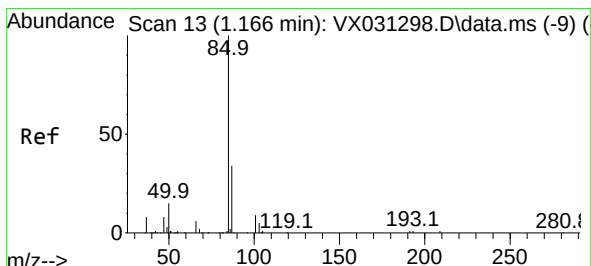
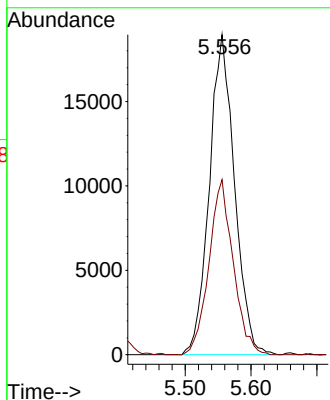
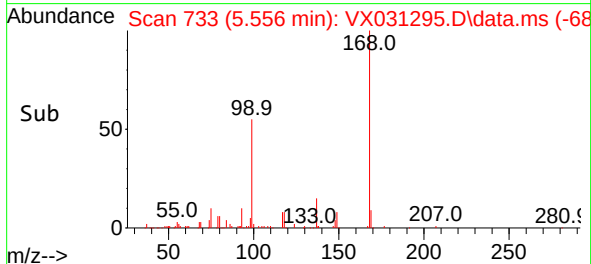
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



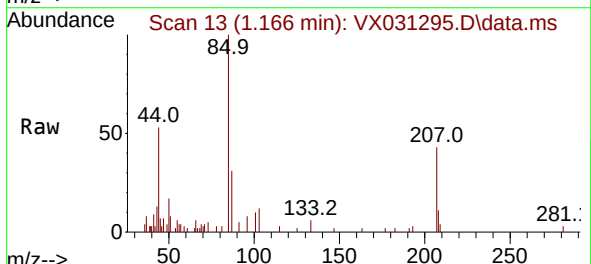
Tgt Ion:168 Resp: 50540
Ion Ratio Lower Upper
168 100
99 54.7 41.3 61.9

Manual Integrations
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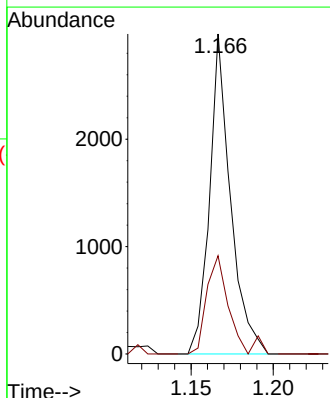
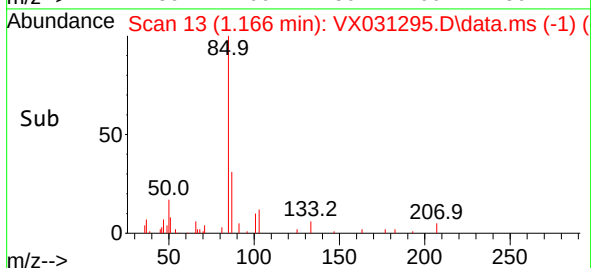
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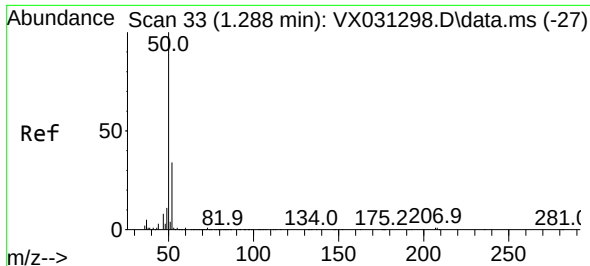


#2
Dichlorodifluoromethane
Concen: 5.069 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



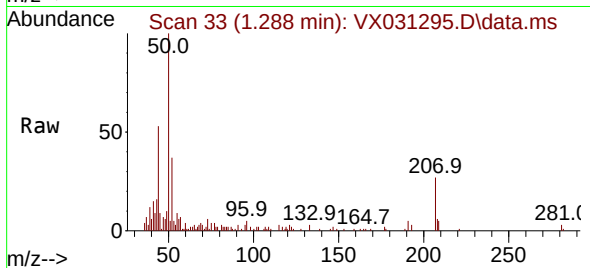
Tgt Ion: 85 Resp: 2639
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.4





#3
Chloromethane
Concen: 5.326 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

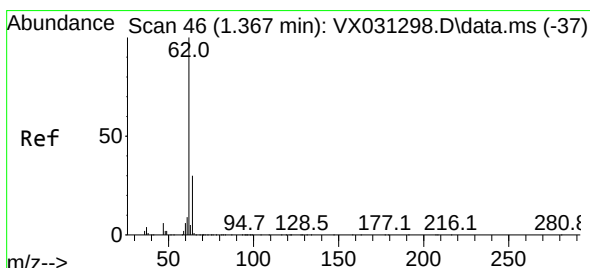
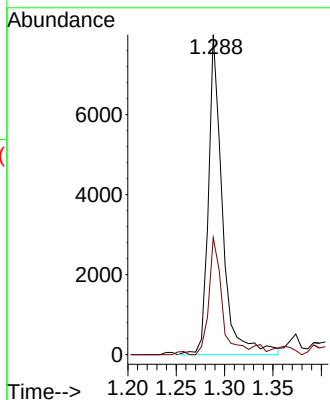
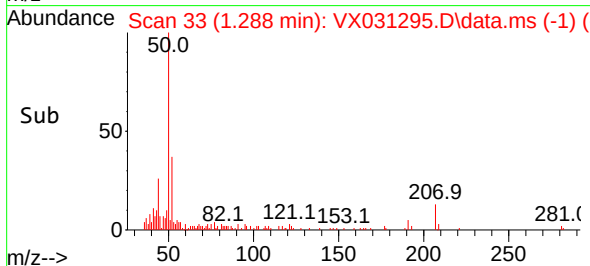
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



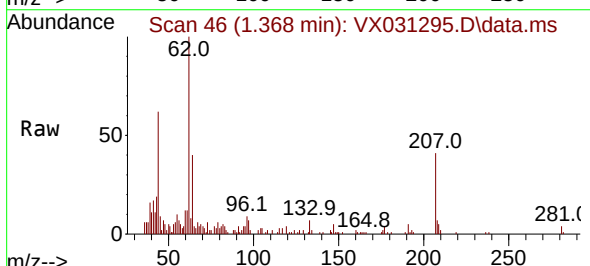
Tgt Ion: 50 Resp: 8104
Ion Ratio Lower Upper
50 100
52 35.7 27.1 40.7

Manual Integrations
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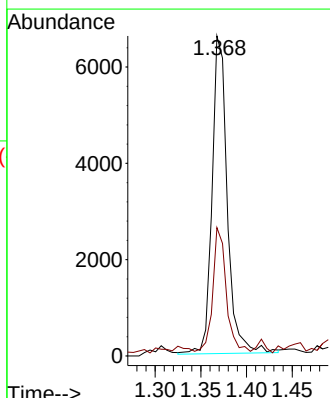
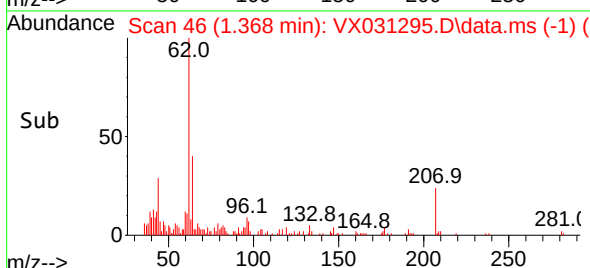
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

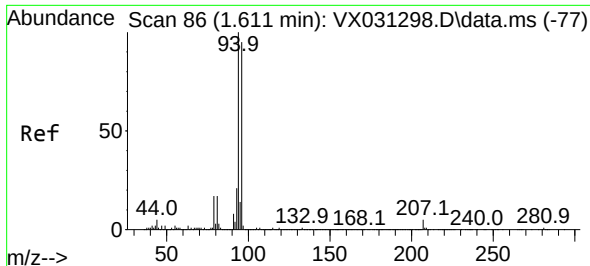


#4
Vinyl Chloride
Concen: 4.587 ug/l
RT: 1.368 min Scan# 46
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



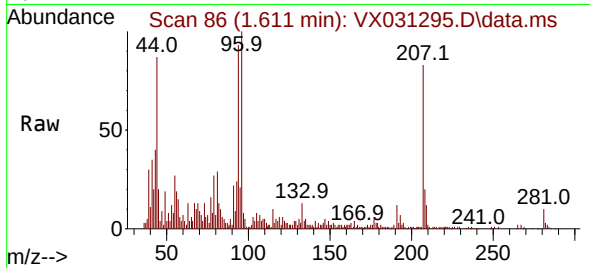
Tgt Ion: 62 Resp: 7643
Ion Ratio Lower Upper
62 100
64 37.4 24.1 36.1#





#5
Bromomethane
Concen: 5.237 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

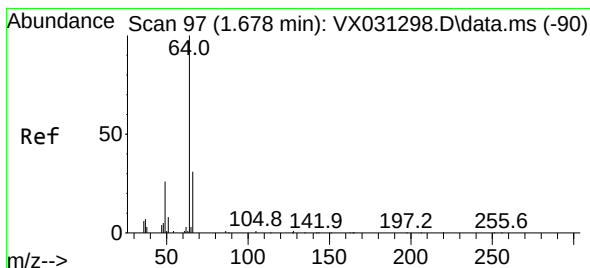
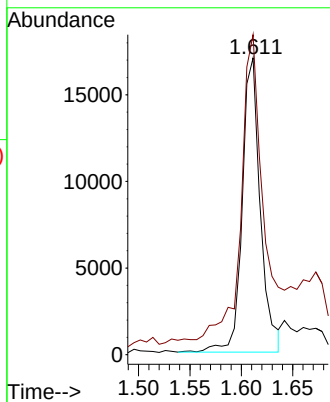
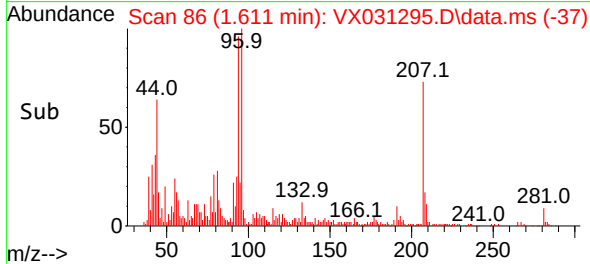
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 2089
Ion Ratio Lower Upper
94 100
96 103.8 76.1 114.1

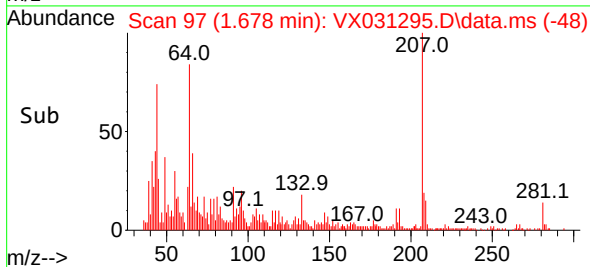
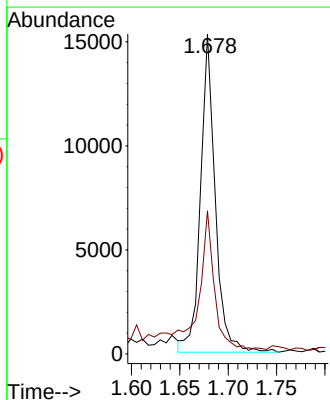
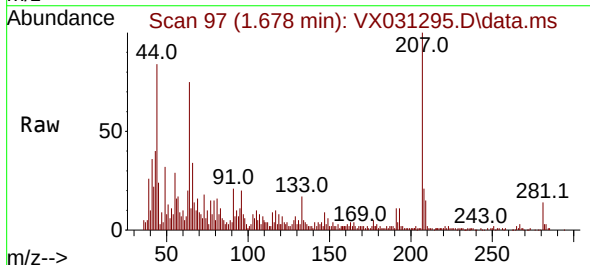
Manual Integrations
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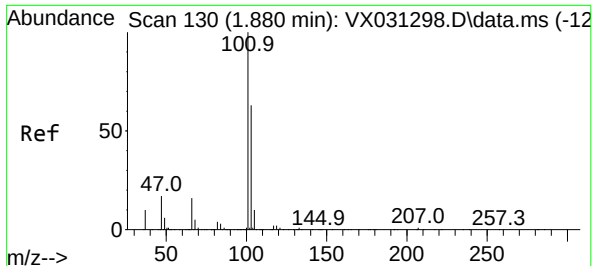
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#6
Chloroethane
Concen: 4.897 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion: 64 Resp: 16230
Ion Ratio Lower Upper
64 100
66 42.7 25.8 38.8#





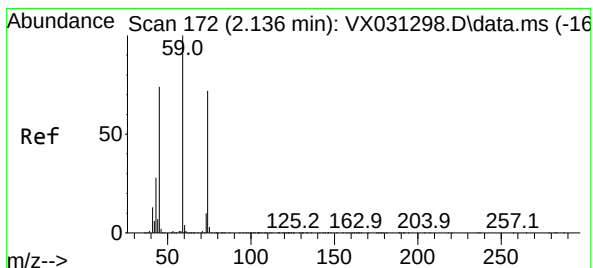
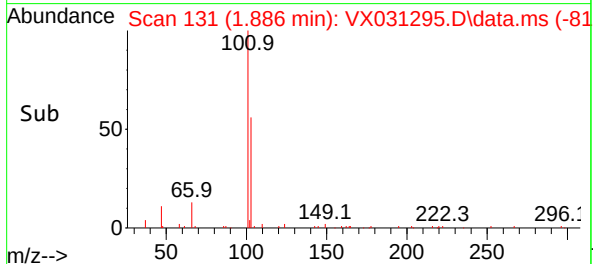
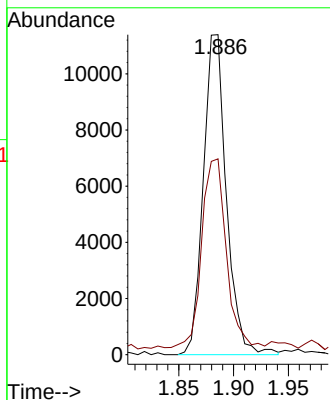
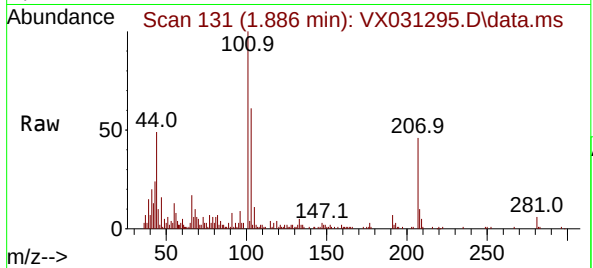
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 Trichlorofluoromethane
 Concen: 4.923 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX031295.D
 Acq: 13 Sep 2022 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 1667
 Ion Ratio Lower Upper
 101 100
 103 58.0 50.2 75.4

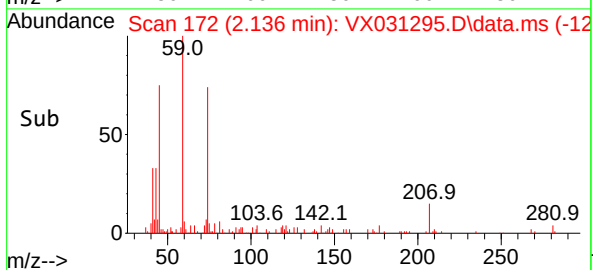
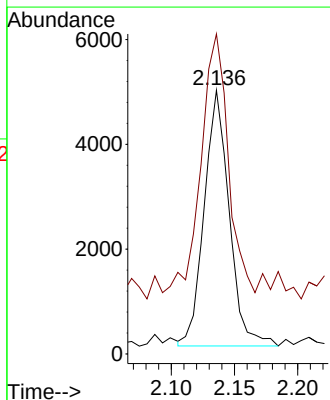
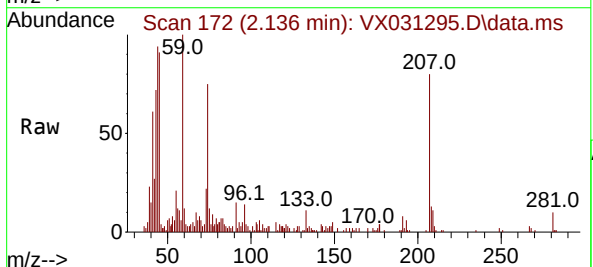
Manual Integrations
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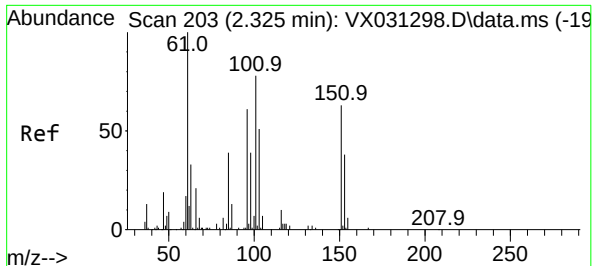
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#8
 Diethyl Ether
 Concen: 4.672 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX031295.D
 Acq: 13 Sep 2022 17:29

Tgt Ion: 74 Resp: 6709
 Ion Ratio Lower Upper
 74 100
 45 109.8 53.3 159.9





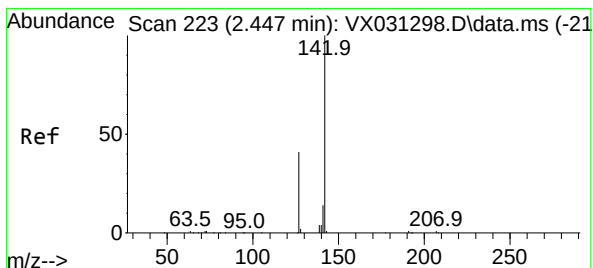
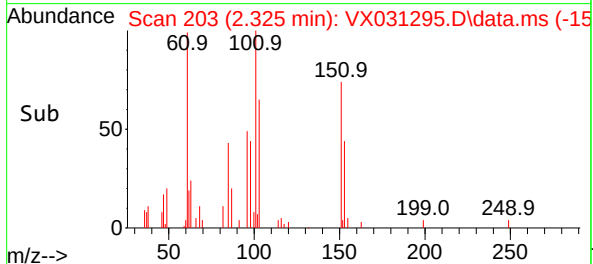
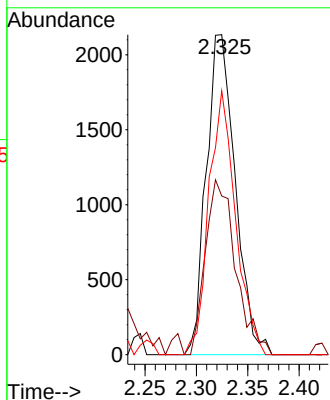
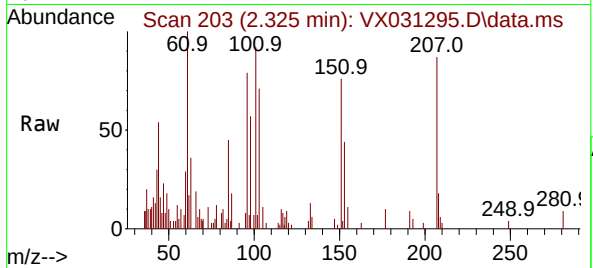
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1,1,2-Trichlorotrifluoroethane
Concen: 5.171 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 4188
Ion Ratio Lower Upper
101 100
85 57.2 38.2 57.2
151 76.1 64.1 96.1

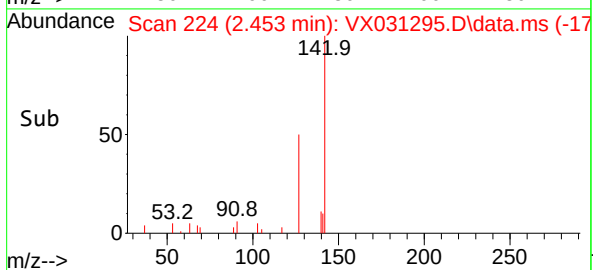
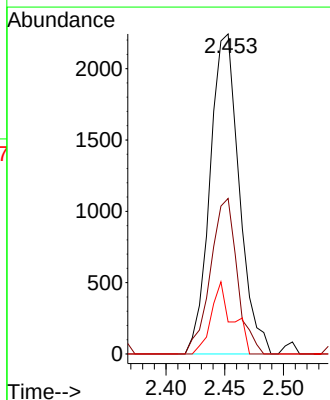
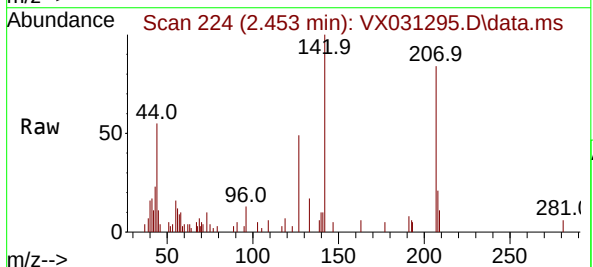
Manual Integrations
APPROVED

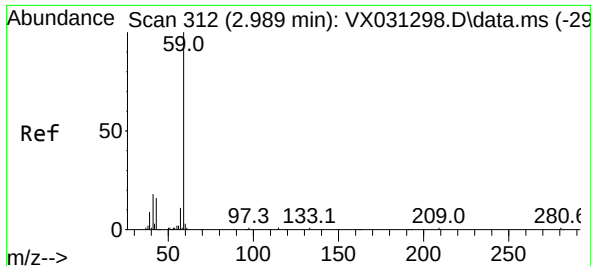
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 4.280 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

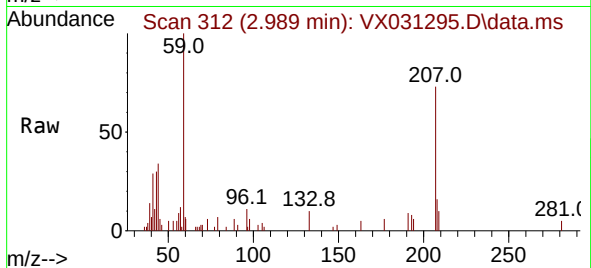
Tgt Ion:142 Resp: 3878
Ion Ratio Lower Upper
142 100
127 44.5 33.3 49.9
141 16.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 29.701 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

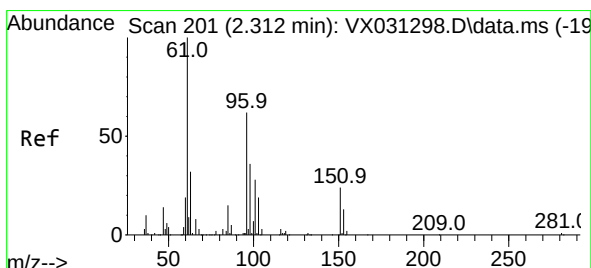
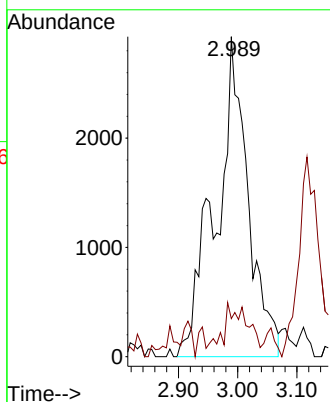
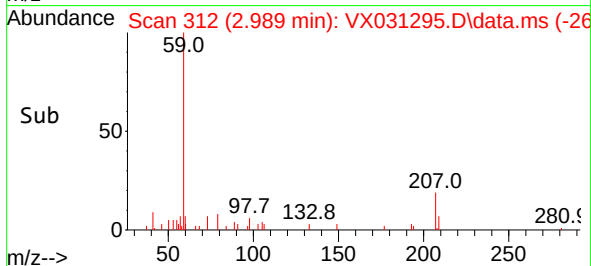
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



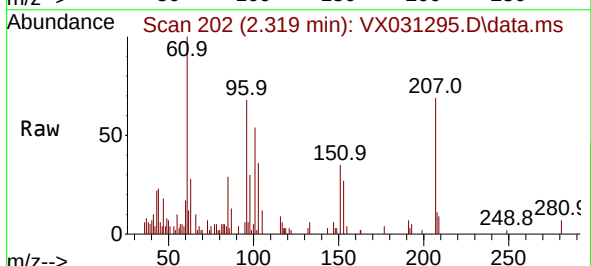
Tgt Ion: 59 Resp: 11108
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

Manual Integrations
APPROVED

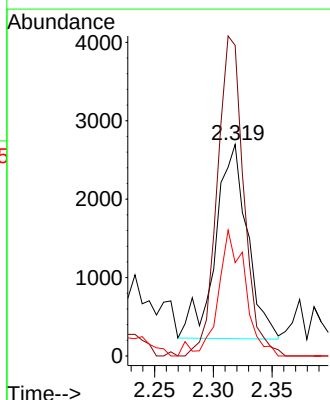
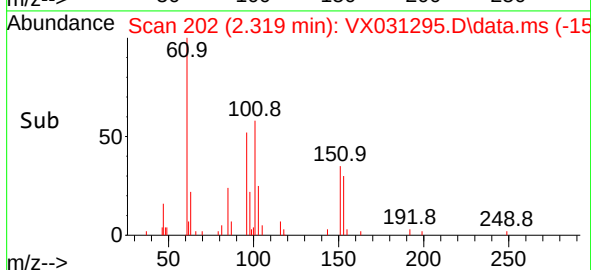
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

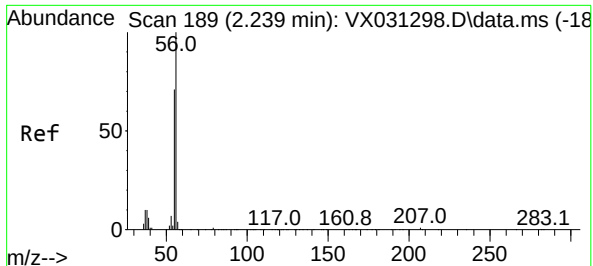


#12
1,1-Dichloroethene
Concen: 5.760 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



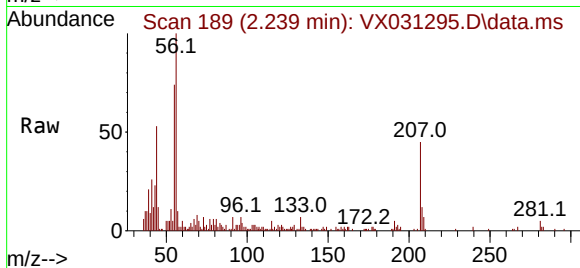
Tgt Ion: 96 Resp: 4663
Ion Ratio Lower Upper
96 100
61 160.5 128.7 193.1
98 48.3 46.7 70.1





#13
Acrolein
Concen: 35.195 ug/l m
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

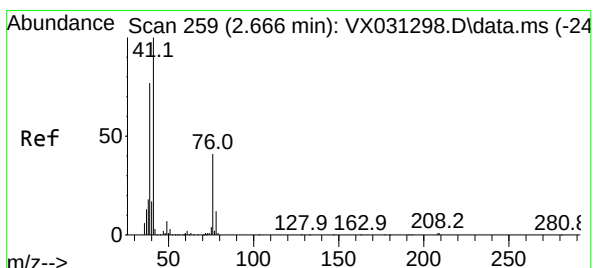
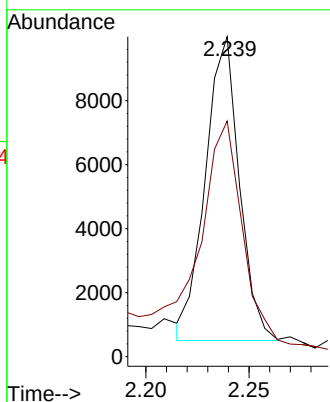
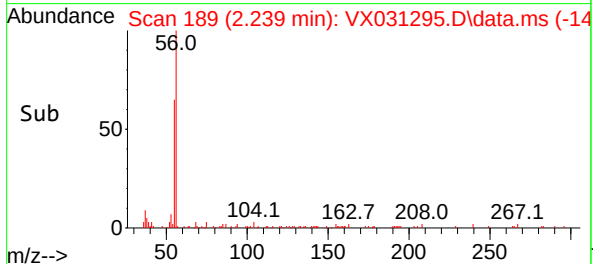
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



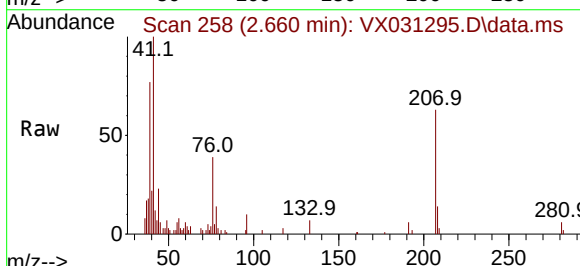
Tgt Ion: 56 Resp: 1087
Ion Ratio Lower Upper
56 100
55 99.0 60.6 90.8

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APPROVED

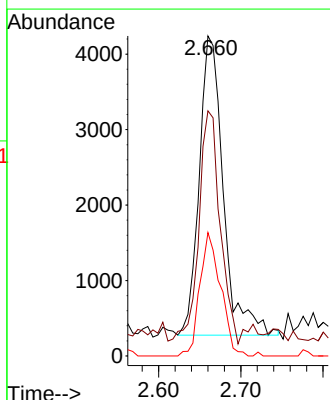
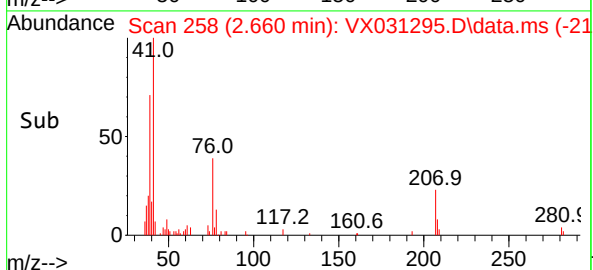
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

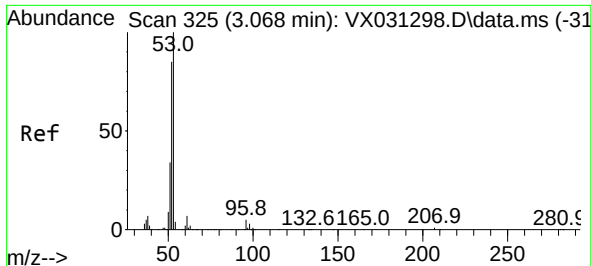


#14
Allyl chloride
Concen: 4.907 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion: 41 Resp: 8071
Ion Ratio Lower Upper
41 100
39 69.0 57.9 86.9
76 35.6 28.4 42.6





#15

Acrylonitrile

Concen: 25.098 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

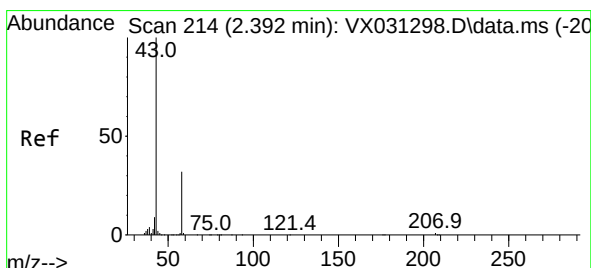
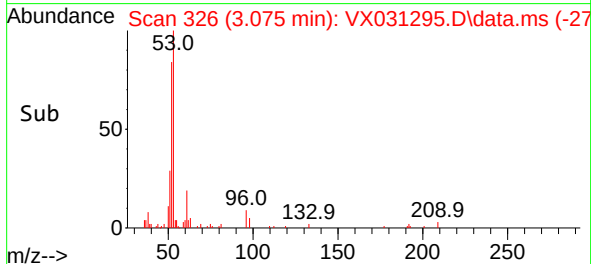
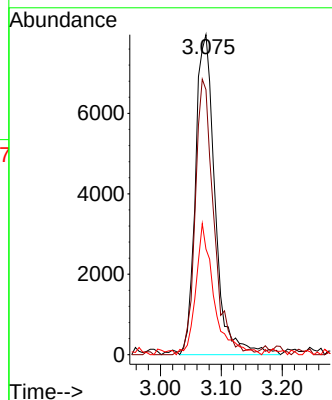
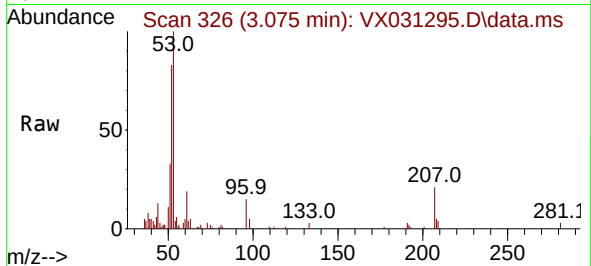
Tgt Ion: 53	Resp: 1780
Ion Ratio	Lower Upper
53 100	
52 81.5	66.7 100.1
51 38.0	28.2 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#16

Acetone

Concen: 26.408 ug/l

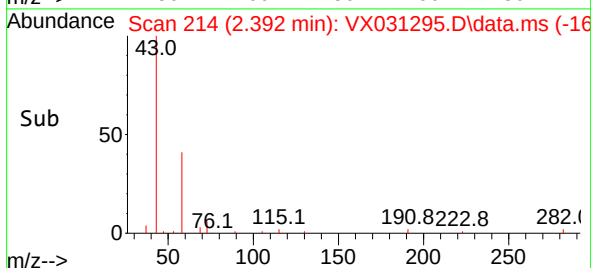
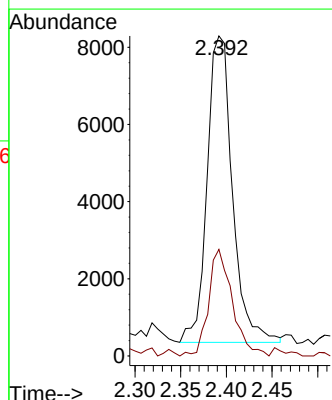
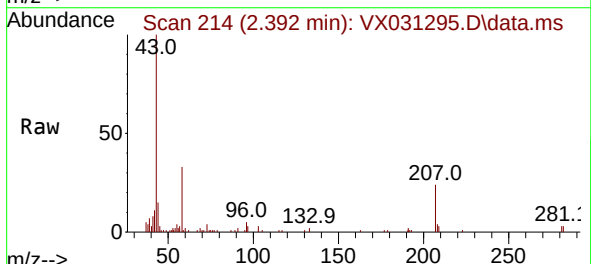
RT: 2.392 min Scan# 214

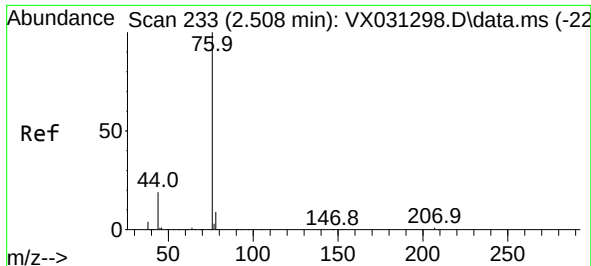
Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Tgt Ion: 43	Resp: 15336
Ion Ratio	Lower Upper
43 100	
58 34.7	25.9 38.9





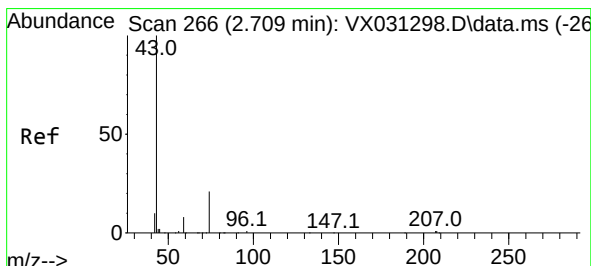
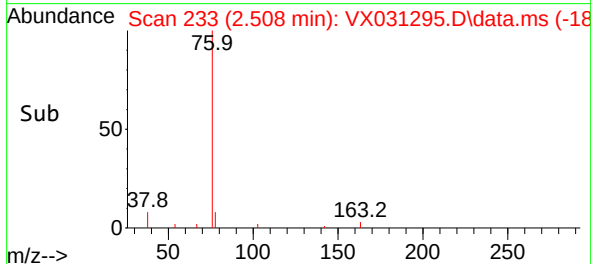
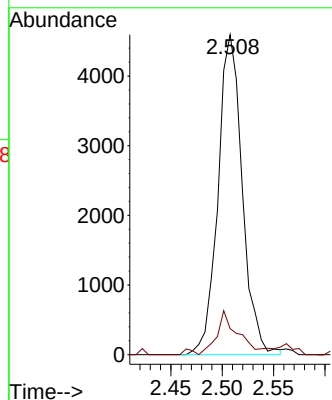
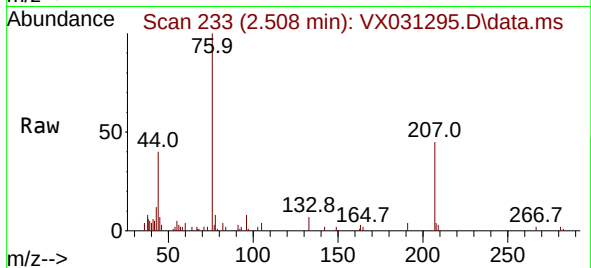
#17
Carbon Disulfide
Concen: 4.446 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 753
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

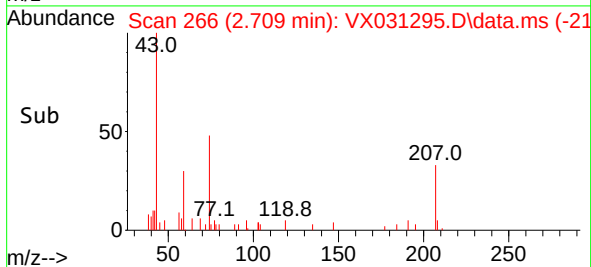
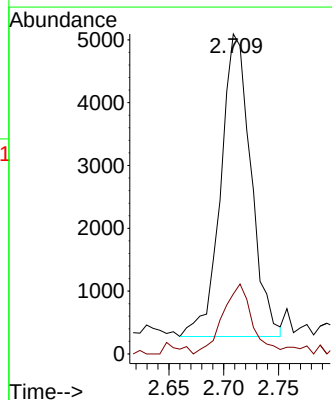
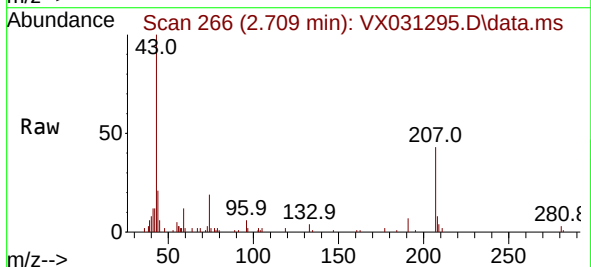
Manual Integrations
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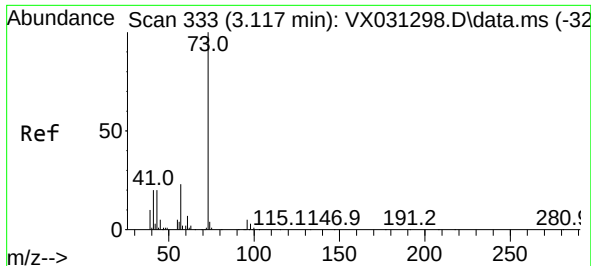
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 5.094 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion: 43 Resp: 9247
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.793 ug/l

RT: 3.117 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 16200

Ion Ratio Lower Upper

73 100

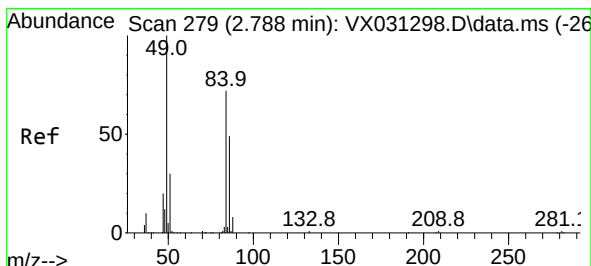
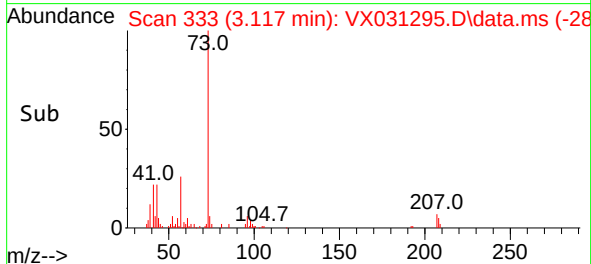
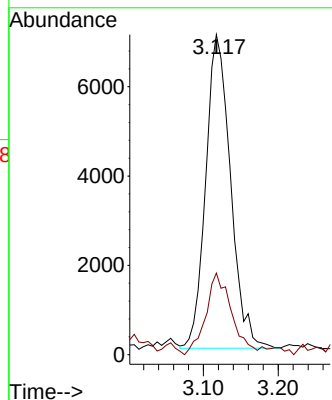
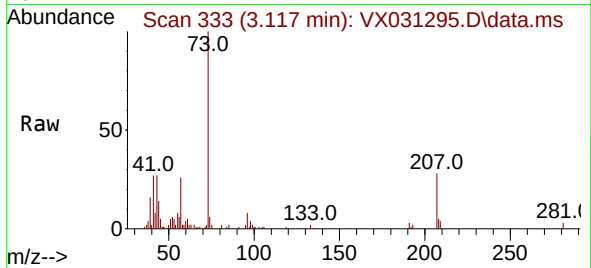
57 24.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#20

Methylene Chloride

Concen: 5.781 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Tgt Ion: 84 Resp: 5740

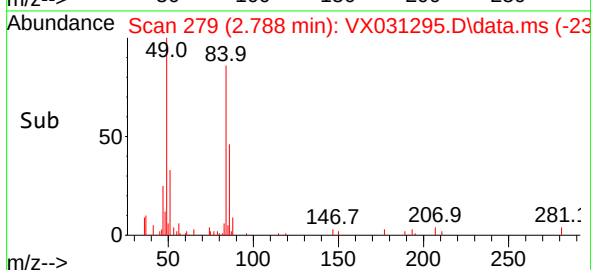
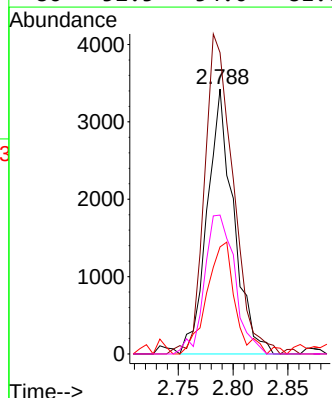
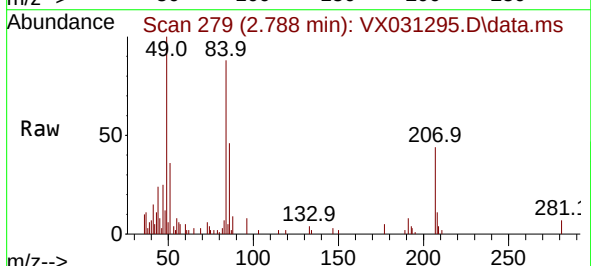
Ion Ratio Lower Upper

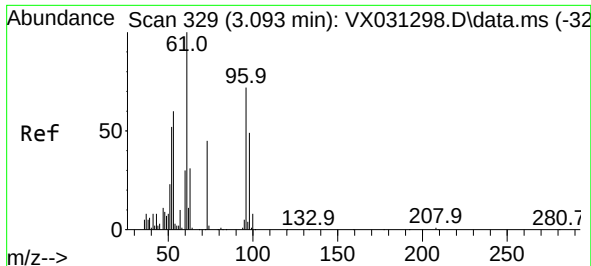
84 100

49 113.7 111.0 166.4

51 40.4 33.7 50.5

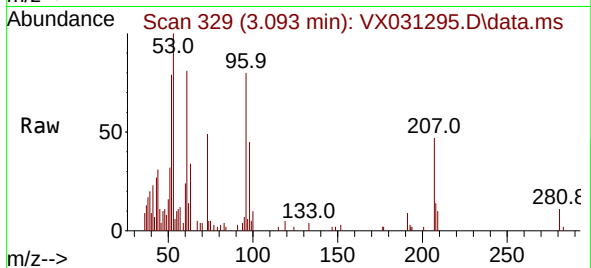
86 52.5 54.0 81.0#





#21
trans-1,2-Dichloroethene
Concen: 4.495 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

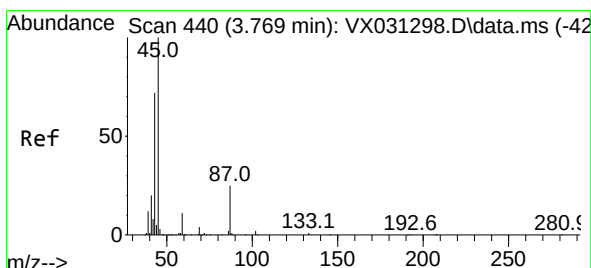
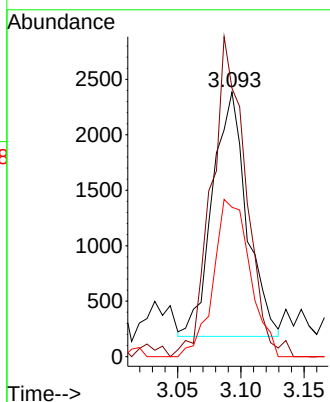
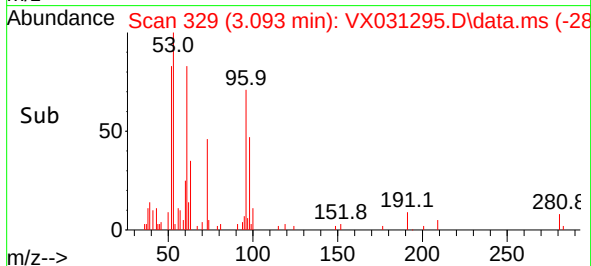
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 414
Ion Ratio Lower Upper
96 100
61 109.1 110.6 166.0
98 62.3 54.0 81.0

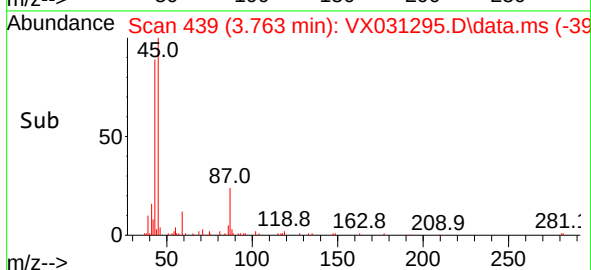
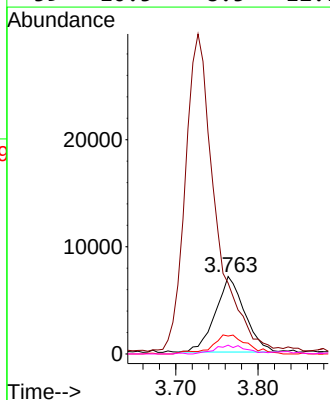
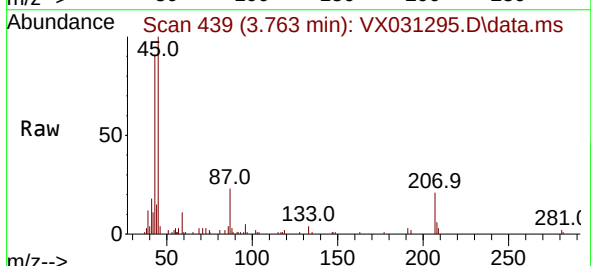
Manual Integrations
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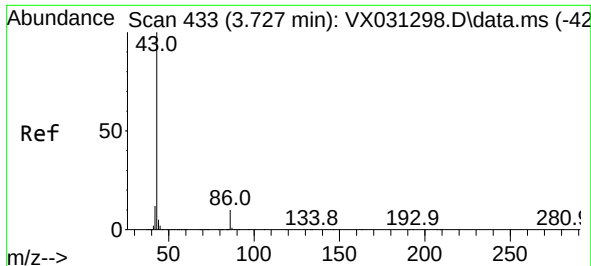
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 4.568 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

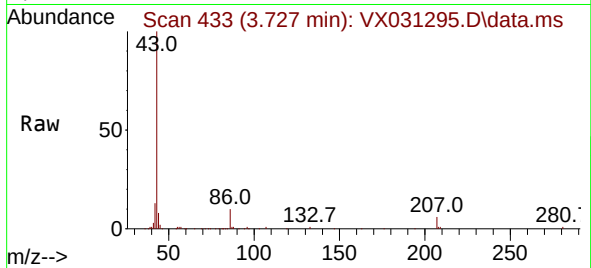
Tgt Ion: 45 Resp: 17411
Ion Ratio Lower Upper
45 100
43 85.3 58.0 87.0
87 22.1 19.6 29.4
59 10.5 8.5 12.7





#23
 Vinyl Acetate
 Concen: 22.393 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031295.D
 Acq: 13 Sep 2022 17:29

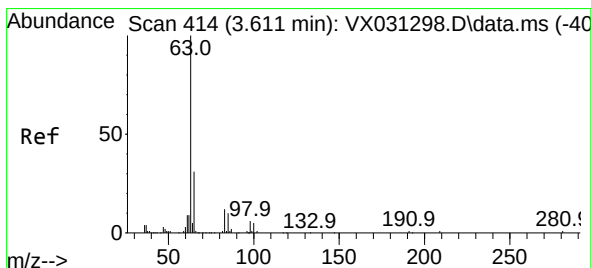
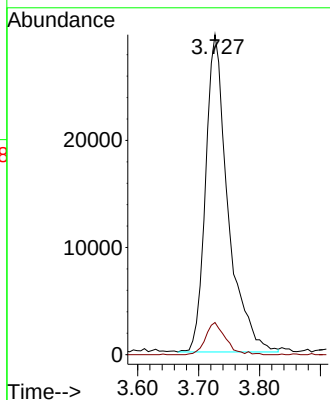
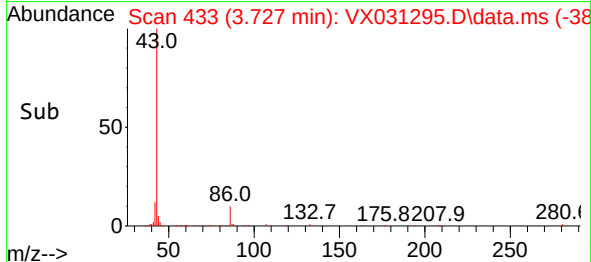
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



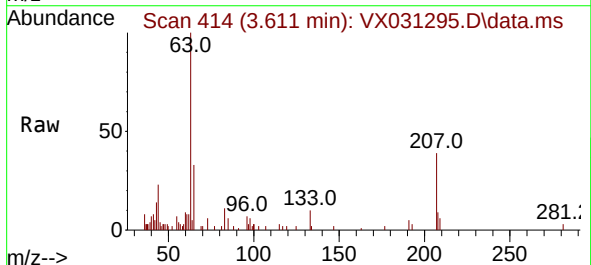
Tgt Ion: 43 Resp: 7552
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.7 11.5

Manual Integrations
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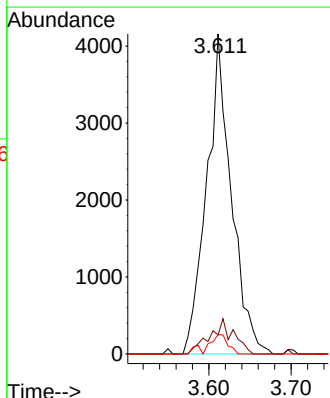
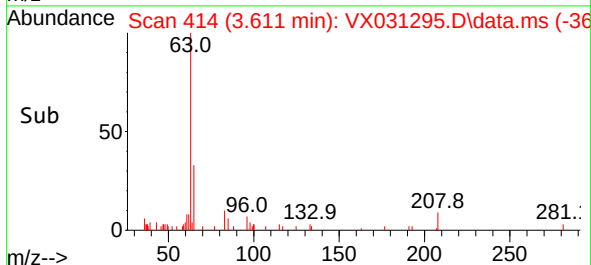
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

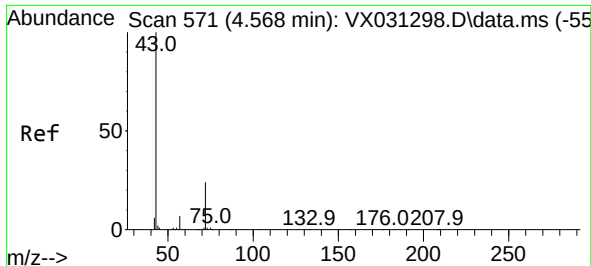


#24
 1,1-Dichloroethane
 Concen: 4.814 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031295.D
 Acq: 13 Sep 2022 17:29



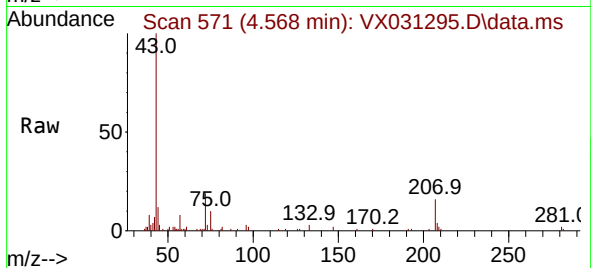
Tgt Ion: 63 Resp: 8669
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.1 9.3
 100 6.0 2.3 6.8





#25
2-Butanone
Concen: 24.355 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

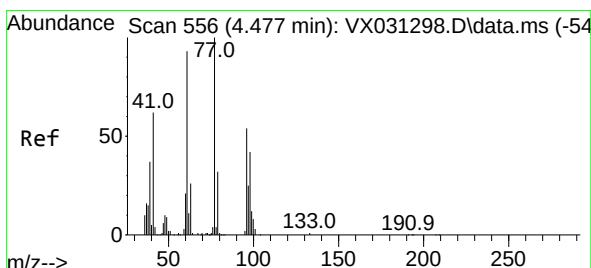
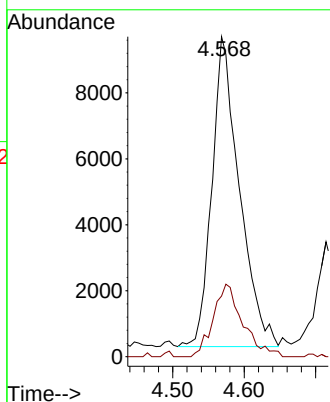
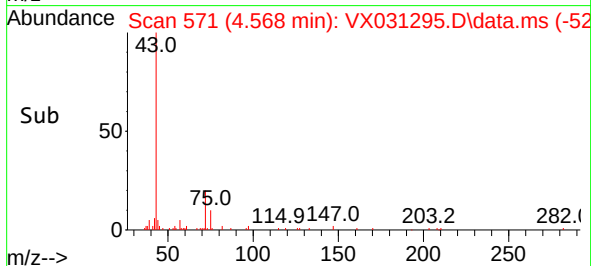
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



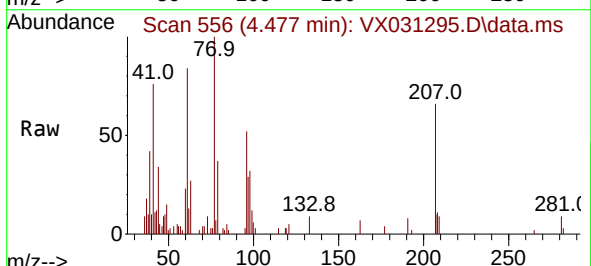
Tgt Ion: 43 Resp: 25049
Ion Ratio Lower Upper
43 100
72 19.6 19.4 29.2

Manual Integrations
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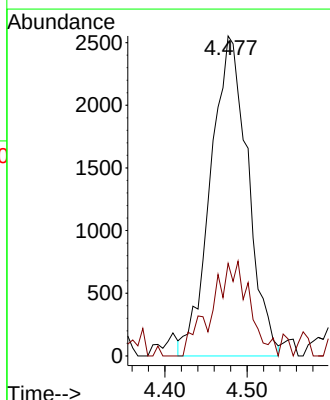
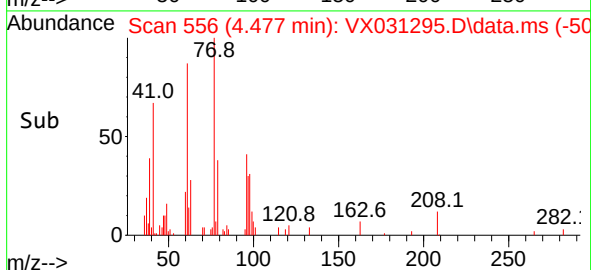
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

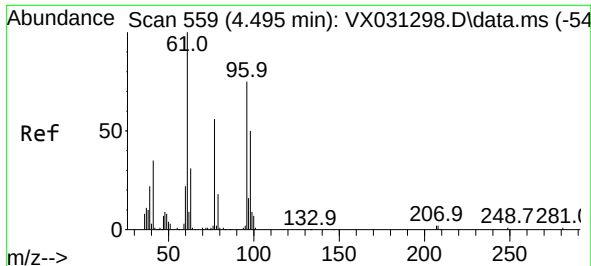


#26
2,2-Dichloropropane
Concen: 5.277 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion: 77 Resp: 8012
Ion Ratio Lower Upper
77 100
97 18.2 13.0 38.9





#27

cis-1,2-Dichloroethene

Concen: 4.114 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX031295.D

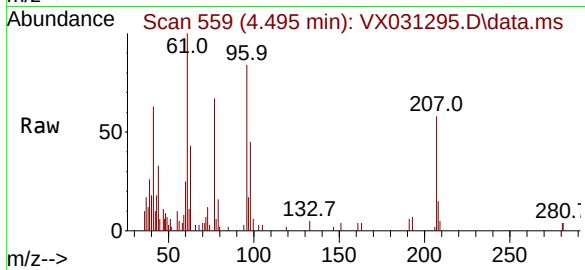
Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



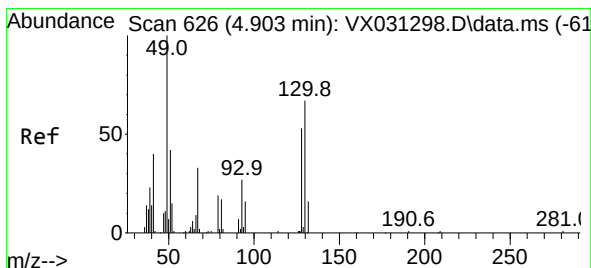
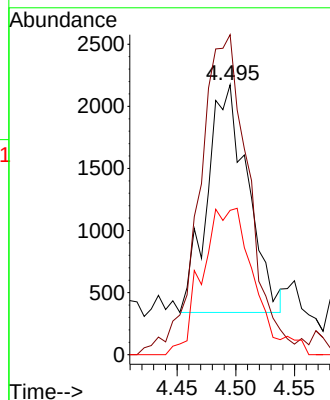
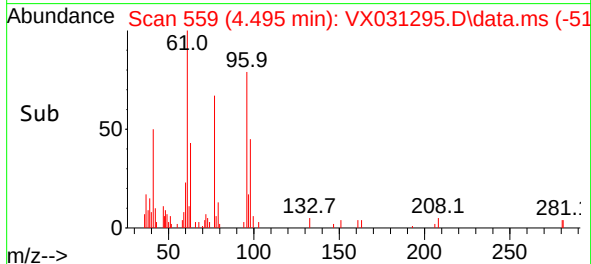
Tgt Ion:	96	Resp:	440
Ion	Ratio	Lower	Upper
96	100		
61	169.4	0.0	285.4
98	82.7	0.0	129.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#28

Bromochloromethane

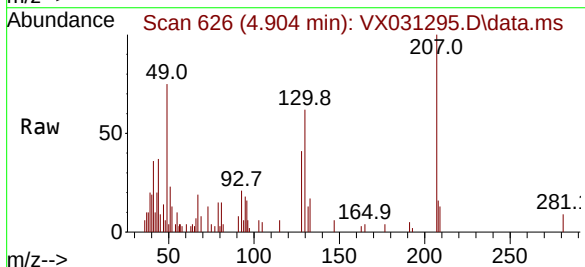
Concen: 5.521 ug/l

RT: 4.904 min Scan# 626

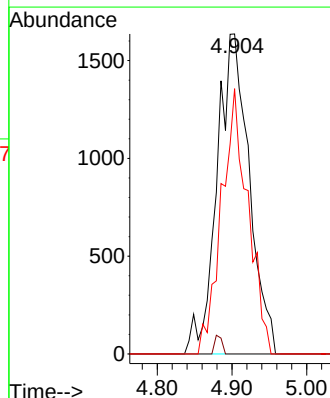
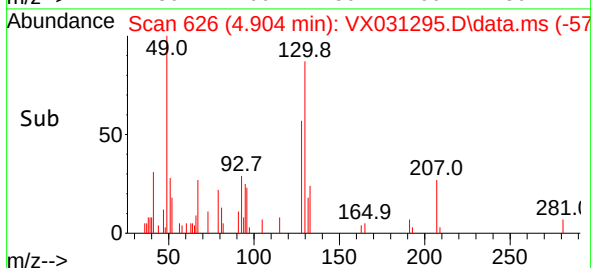
Delta R.T. 0.000 min

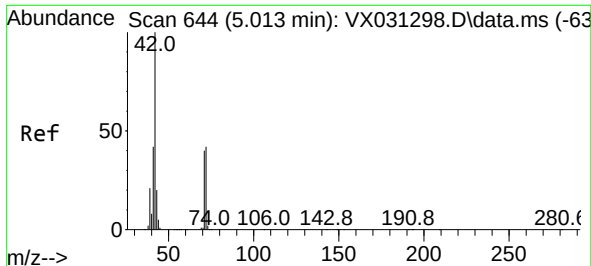
Lab File: VX031295.D

Acq: 13 Sep 2022 17:29



Tgt Ion:	49	Resp:	4902
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	68.2	54.6	81.8





#29

Tetrahydrofuran

Concen: 24.056 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

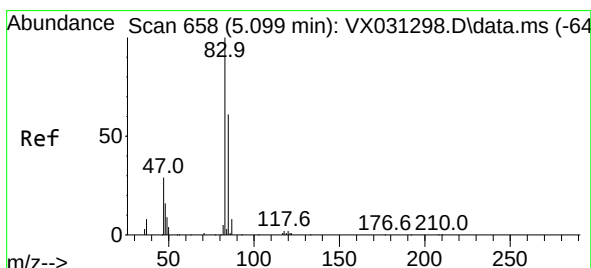
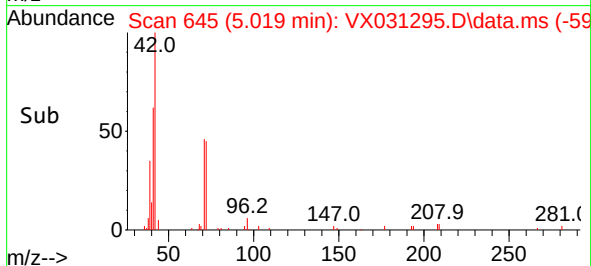
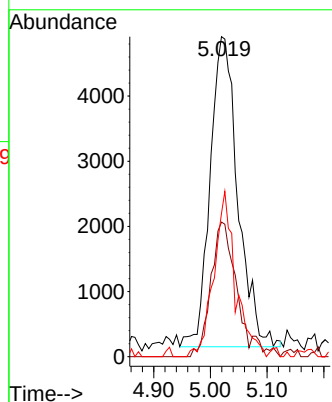
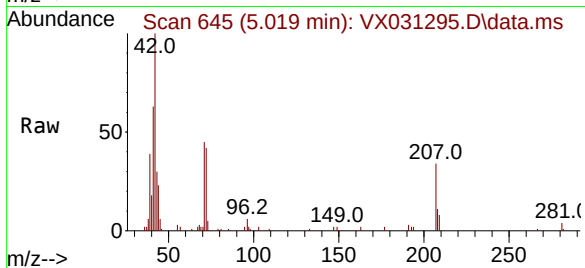
Tgt Ion:	42	Resp:	1622
Ion Ratio	Lower	Upper	
42	100		
72	37.7	33.6	50.4
71	41.5	31.6	47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 4.492 ug/l

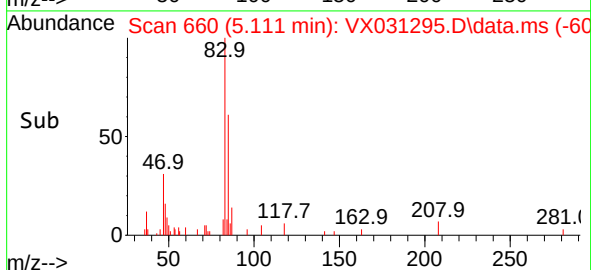
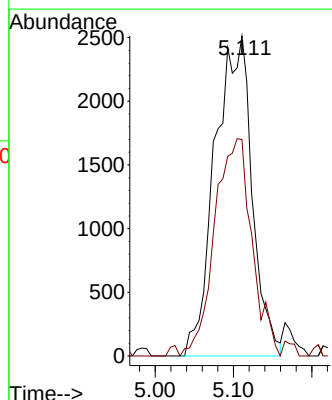
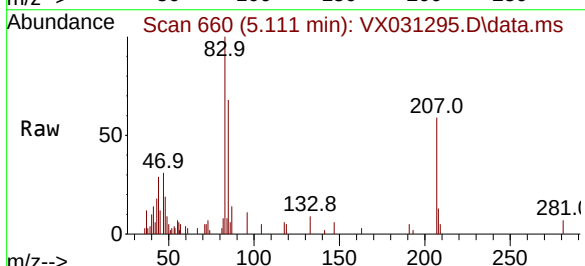
RT: 5.111 min Scan# 660

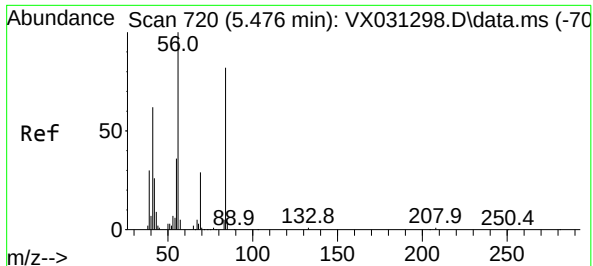
Delta R.T. 0.012 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

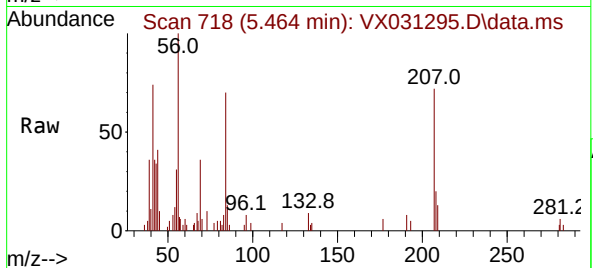
Tgt Ion:	83	Resp:	8260
Ion Ratio	Lower	Upper	
83	100		
85	67.6	48.6	72.8





#31
Cyclohexane
Concen: 4.232 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

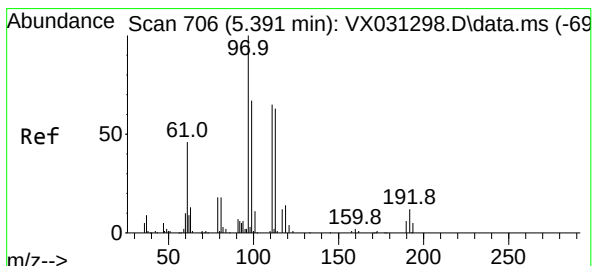
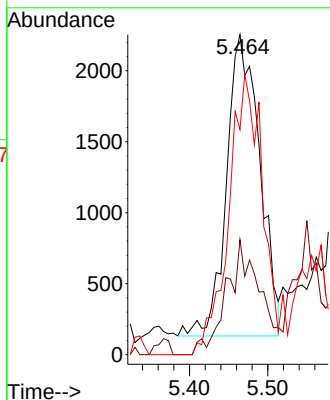
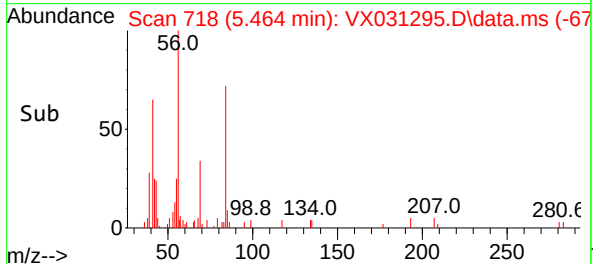
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



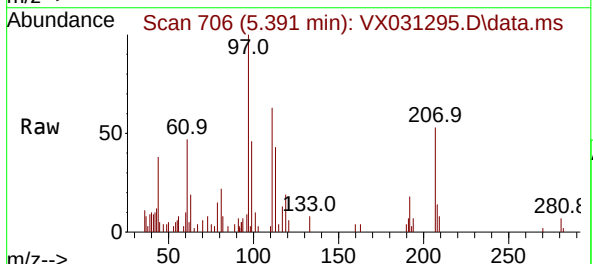
Tgt Ion: 56 Resp: 625
Ion Ratio Lower Upper
56 100
69 38.2 23.0 34.4
84 74.7 65.2 97.8

Manual Integrations
APPROVED

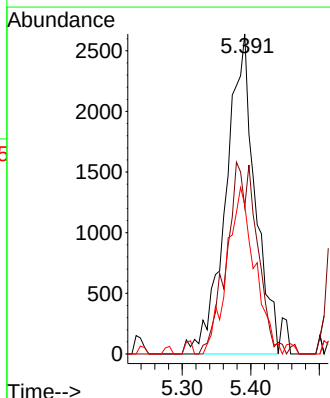
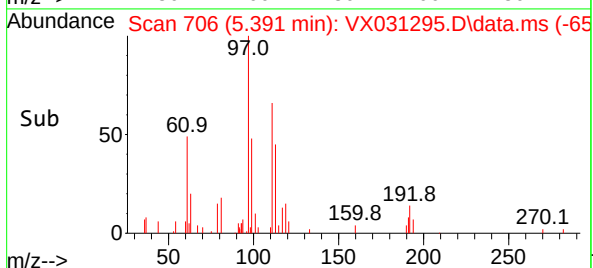
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

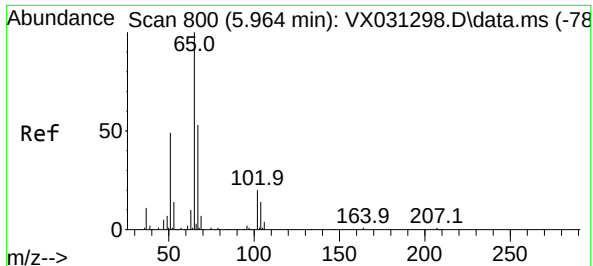


#32
1,1,1-Trichloroethane
Concen: 4.879 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion: 97 Resp: 7809
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 49.9 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 4.269 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 4580

Ion Ratio Lower Upper

65 100

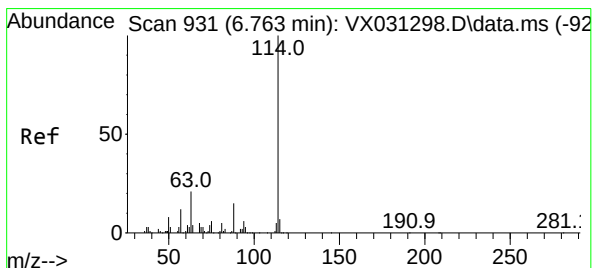
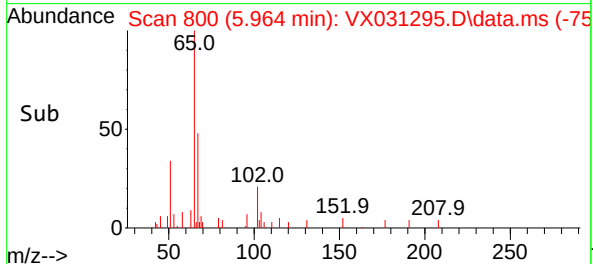
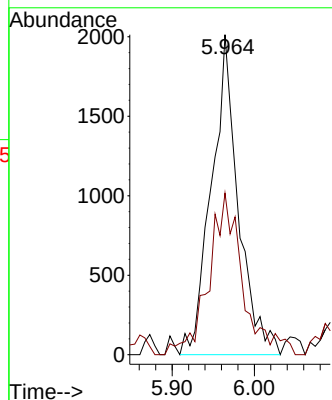
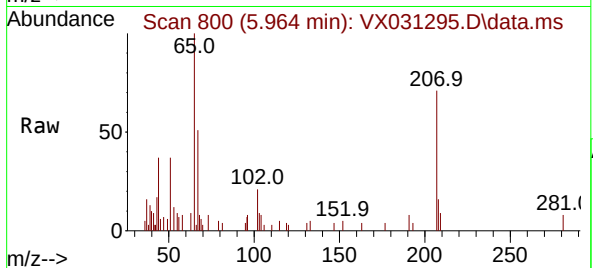
67 60.3 0.0 109.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

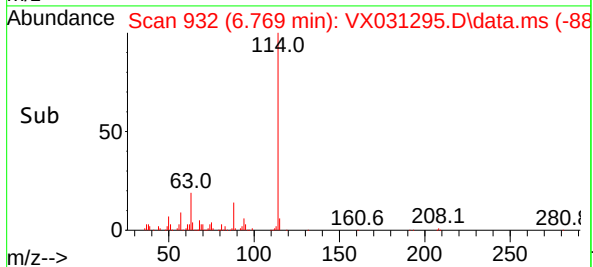
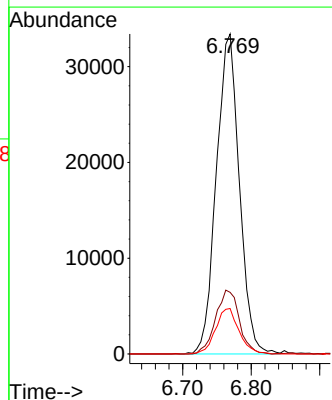
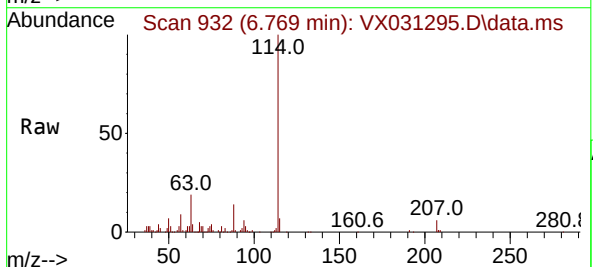
Tgt Ion:114 Resp: 77892

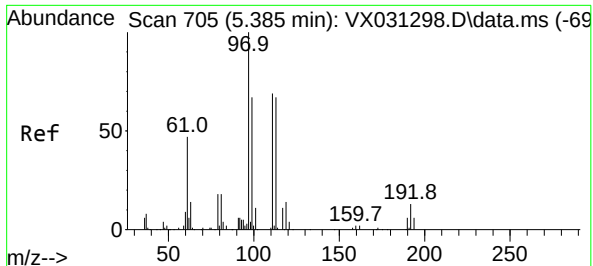
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.0

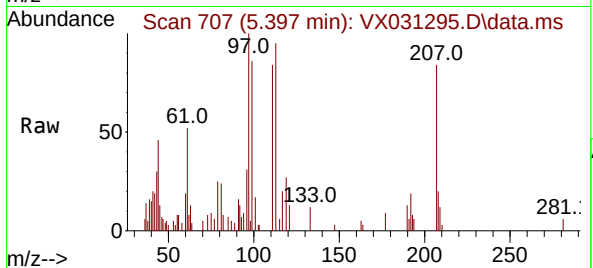
88 14.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 4.677 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

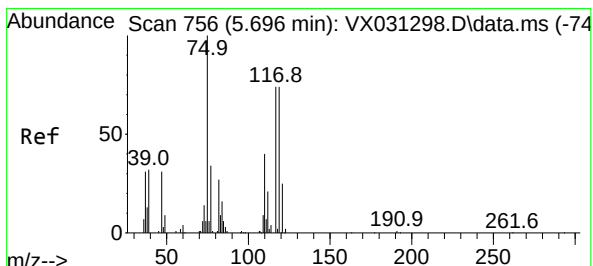
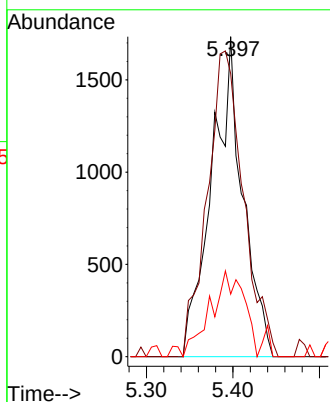
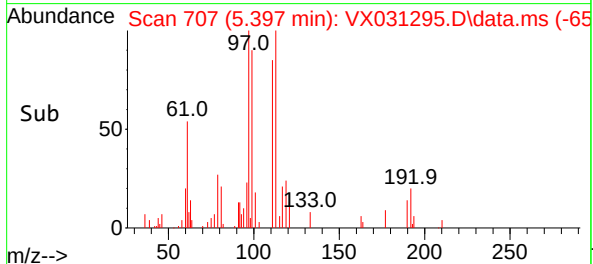
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 4320
Ion Ratio Lower Upper
113 100
111 110.8 83.0 124.6
192 29.7 16.0 24.0

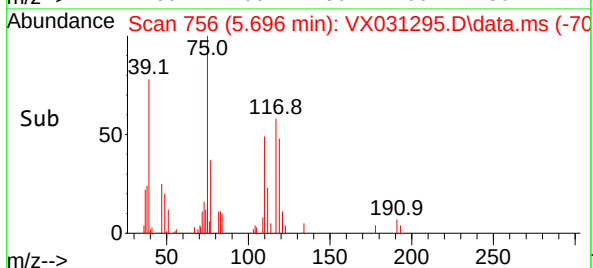
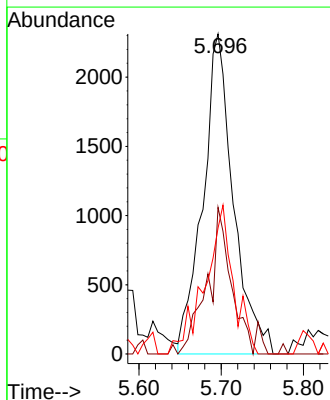
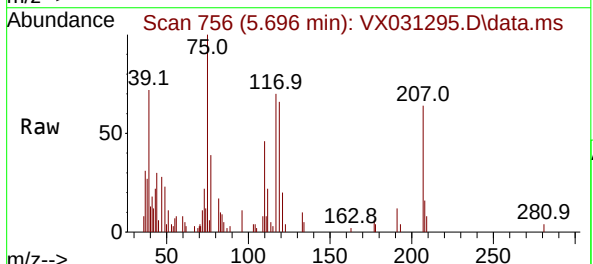
Manual Integrations
APPROVED

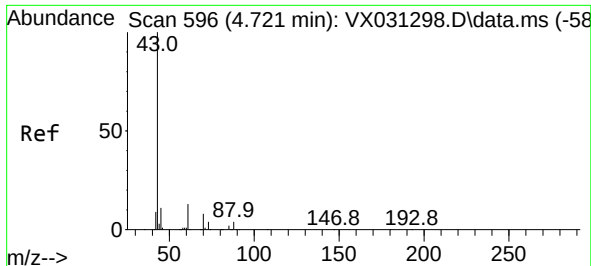
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion: 75 Resp: 5962
Ion Ratio Lower Upper
75 100
110 36.1 18.5 55.5
77 43.4 25.5 38.3





#37

Ethyl Acetate

Concen: 5.068 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

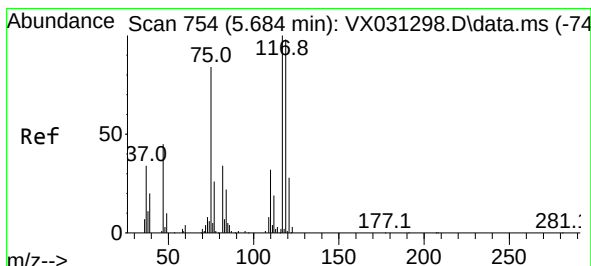
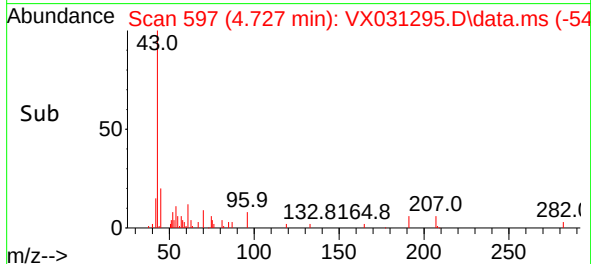
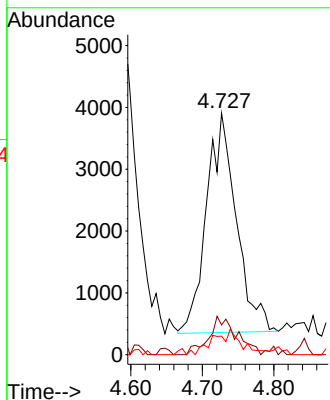
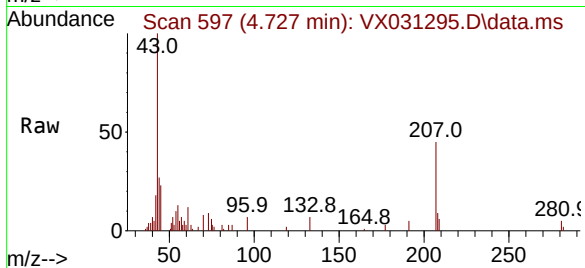
Tgt Ion: 43	Resp: 10290
Ion Ratio	Lower Upper
43 100	
61 16.4	10.4 15.6
70 5.6	7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#38

Carbon Tetrachloride

Concen: 4.821 ug/l

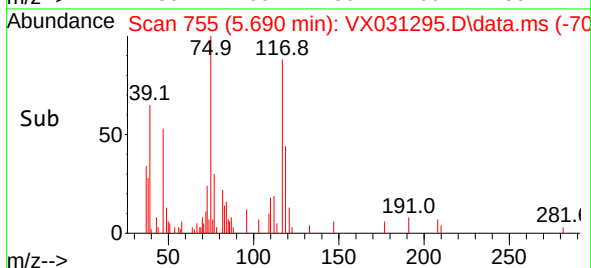
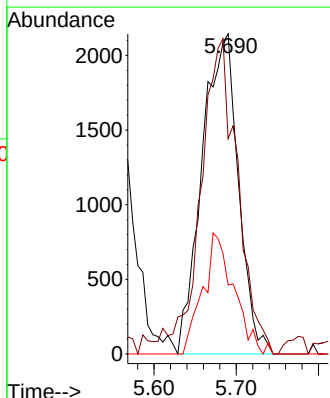
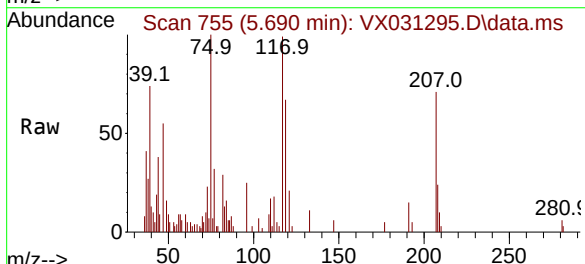
RT: 5.690 min Scan# 755

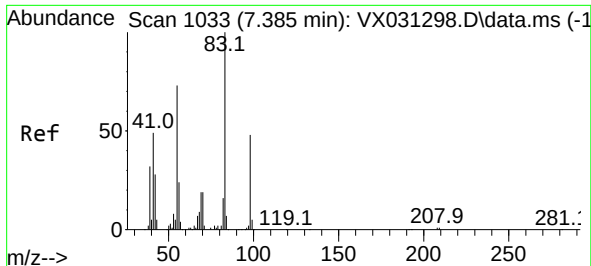
Delta R.T. 0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Tgt Ion: 117	Resp: 6588
Ion Ratio	Lower Upper
117 100	
119 67.3	77.6 116.4#
121 21.5	22.0 33.0#





#39

Methylcyclohexane

Concen: 4.913 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

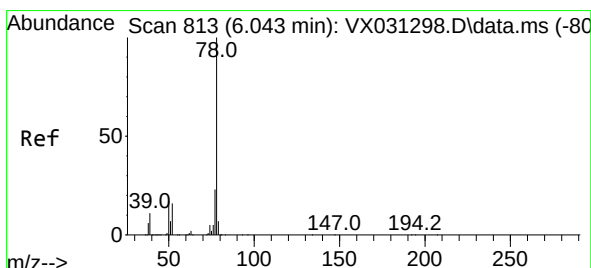
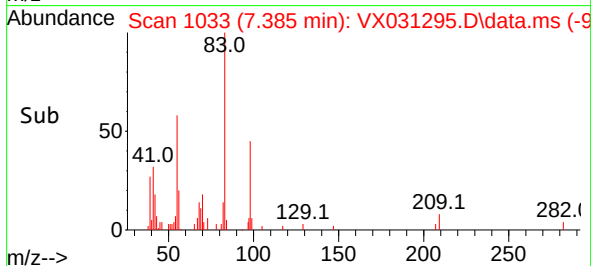
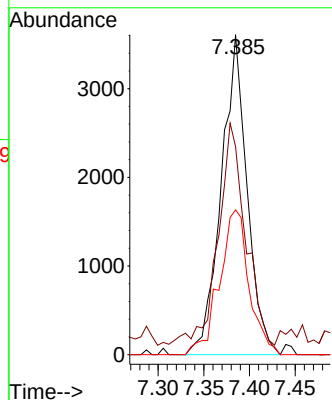
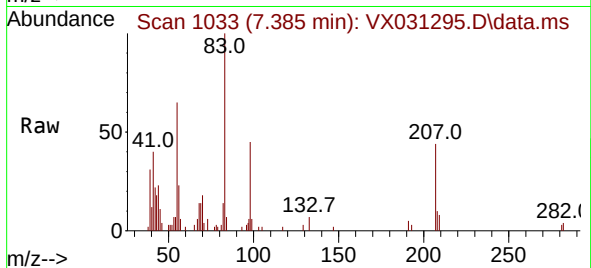
Tgt Ion:	83	Resp:	7100
Ion	Ratio	Lower	Upper
83	100		
55	59.3	58.5	87.7
98	45.3	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 4.699 ug/l

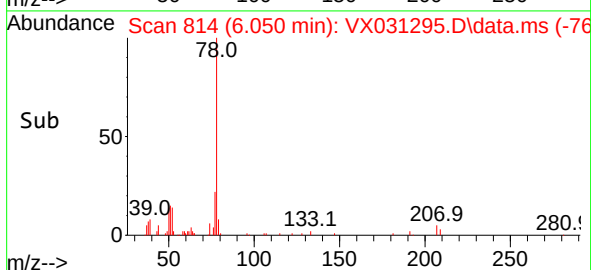
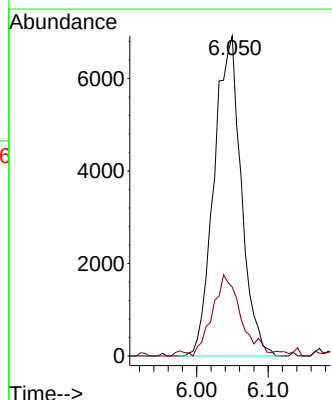
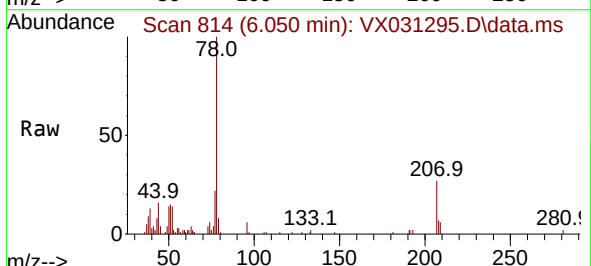
RT: 6.050 min Scan# 814

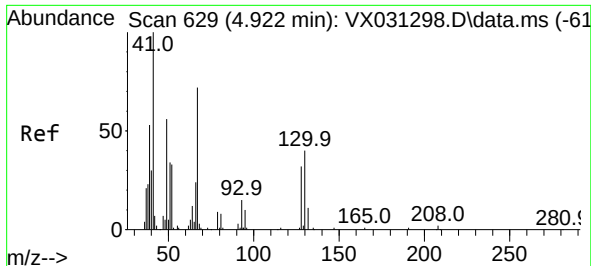
Delta R.T. 0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

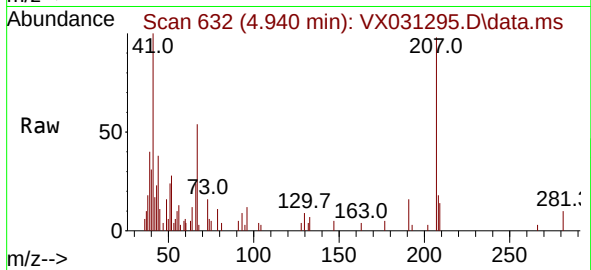
Tgt Ion:	78	Resp:	18237
Ion	Ratio	Lower	Upper
78	100		
77	20.3	18.2	27.2





#41
Methacrylonitrile
Concen: 4.865 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

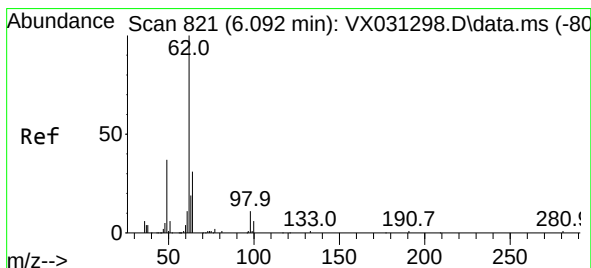
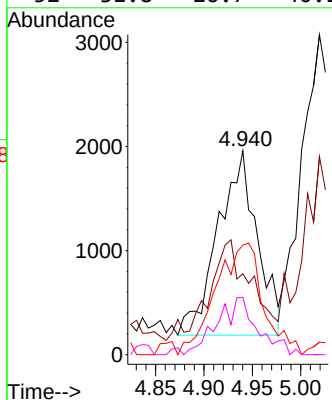
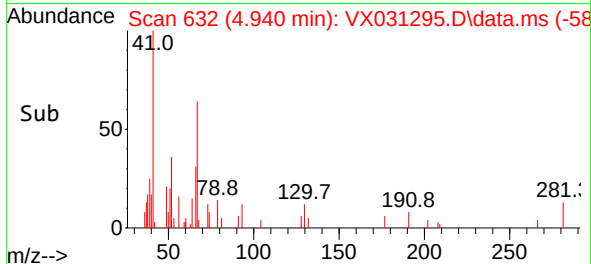
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



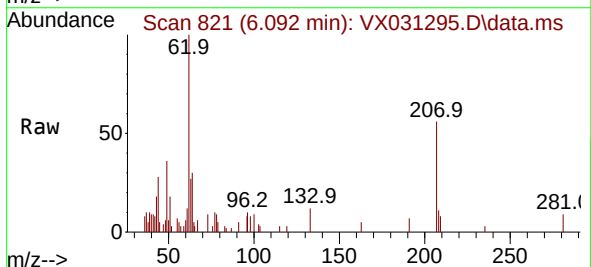
Tgt Ion:	41	Resp:	5000
Ion	Ratio	Lower	Upper
41	100		
39	49.6	45.1	67.7
67	73.0	58.0	87.0
52	31.8	26.7	40.1

Manual Integrations
APPROVED

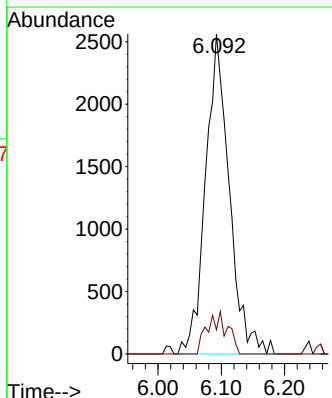
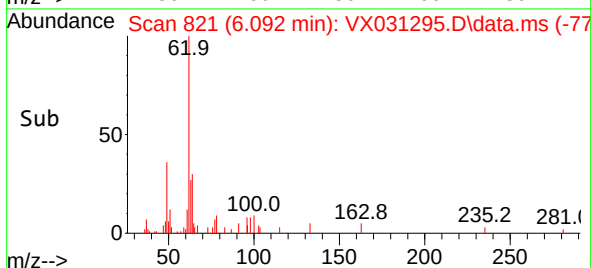
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

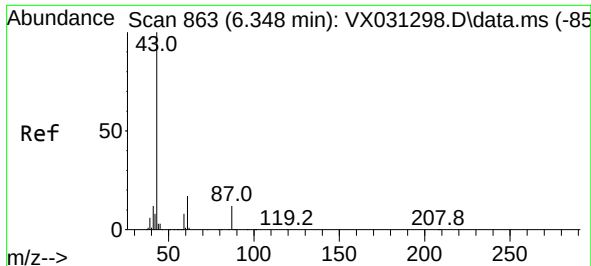


#42
1,2-Dichloroethane
Concen: 4.729 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



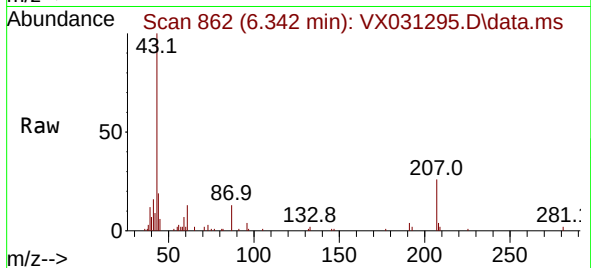
Tgt Ion:	62	Resp:	6683
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	19.0





#43
Isopropyl Acetate
Concen: 4.915 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

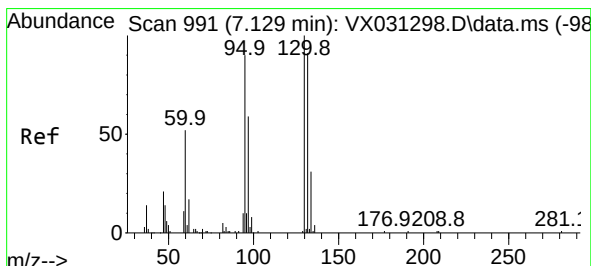
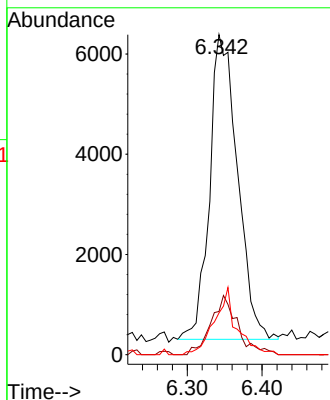
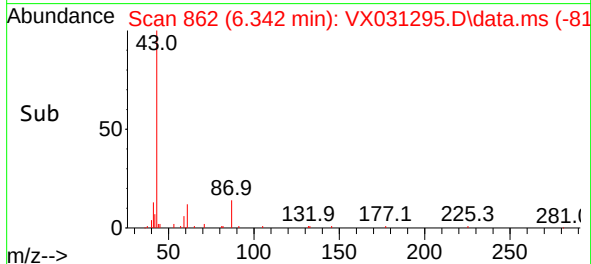
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
61 18.5 14.3 21.5
87 17.4 9.6 14.4

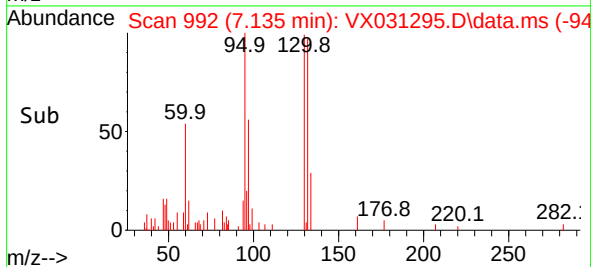
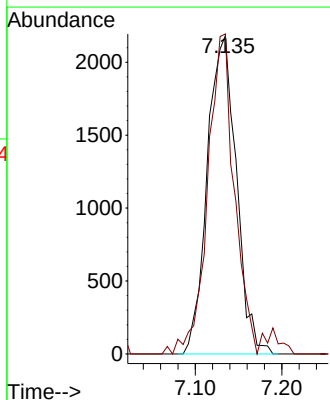
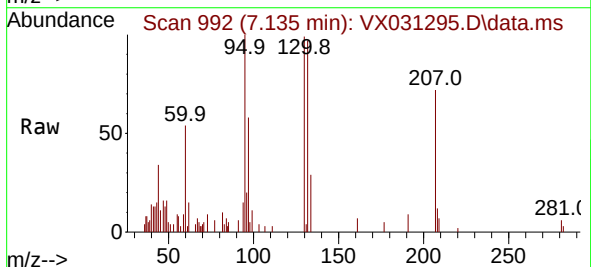
Manual Integrations
APPROVED

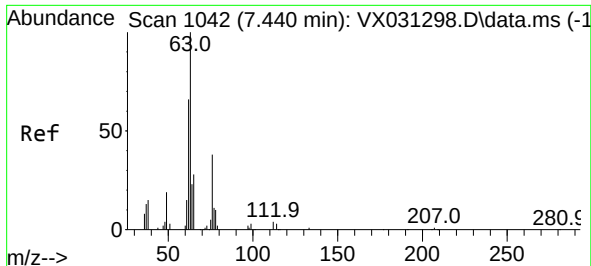
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 4.942 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion:130 Resp: 5082
Ion Ratio Lower Upper
130 100
95 97.3 0.0 181.4





#45

1,2-Dichloropropane

Concen: 4.956 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 532

Ion Ratio Lower Upper

63 100

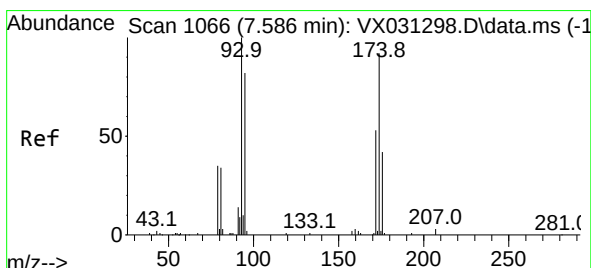
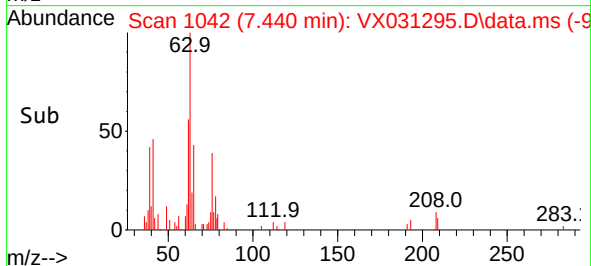
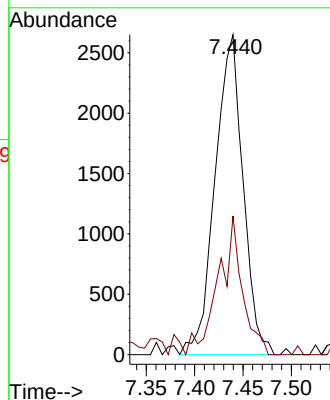
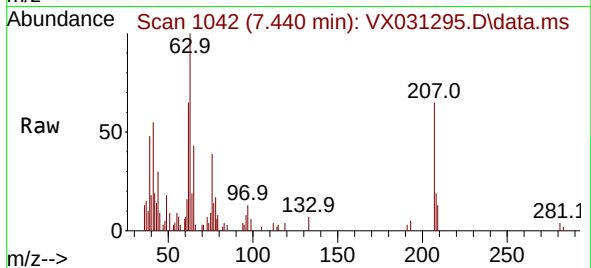
65 43.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 4.933 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

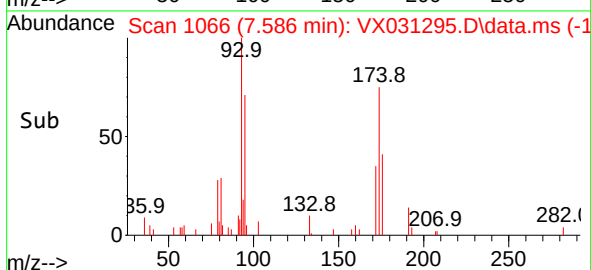
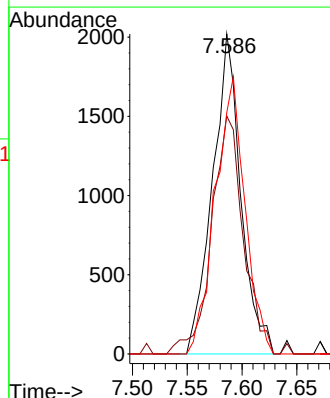
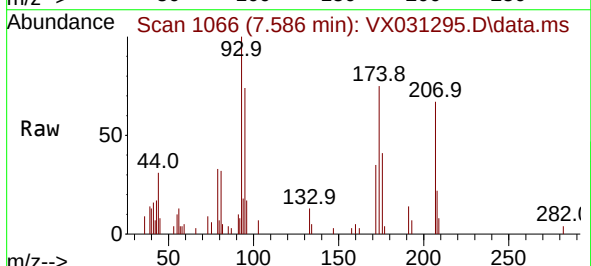
Tgt Ion: 93 Resp: 3638

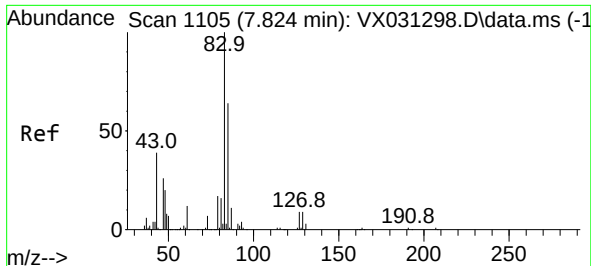
Ion Ratio Lower Upper

93 100

95 83.0 67.9 101.9

174 91.0 78.3 117.5





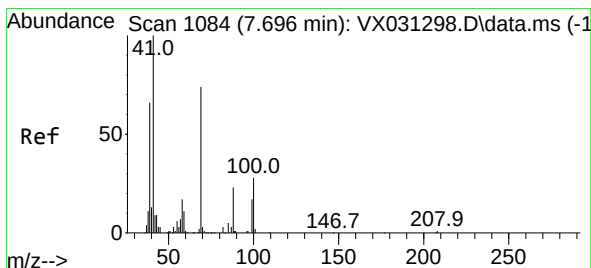
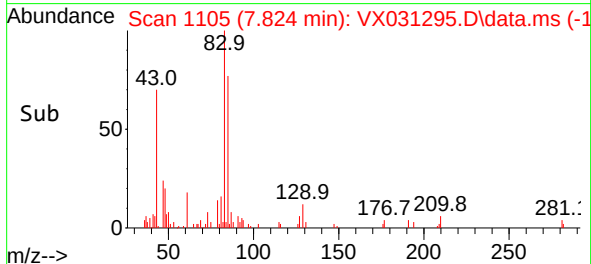
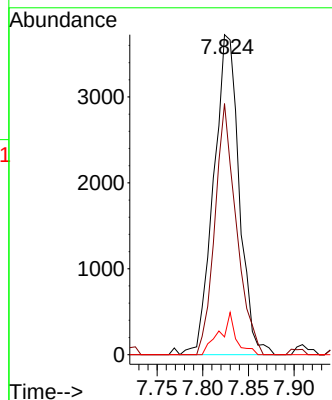
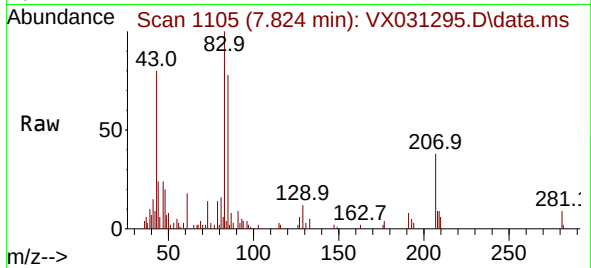
#47
Bromodichloromethane
Concen: 4.744 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 7238
Ion Ratio Lower Upper
83 100
85 78.5 51.4 77.2
127 5.5 7.3 10.9

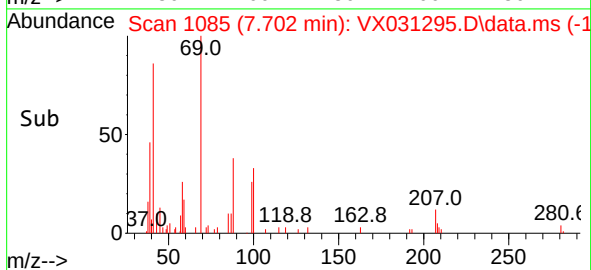
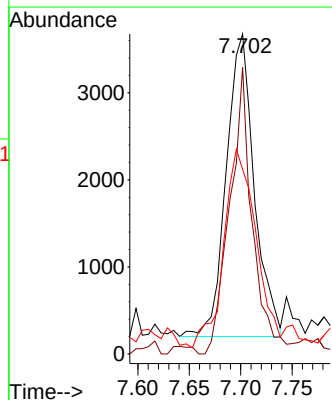
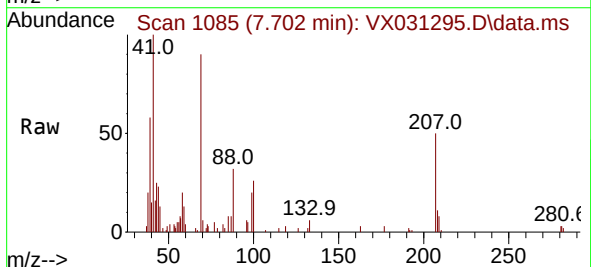
Manual Integrations
APPROVED

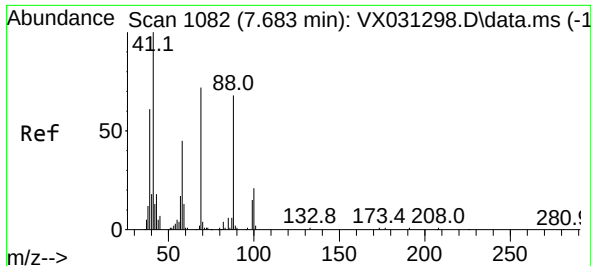
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#48
Methyl methacrylate
Concen: 4.781 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion: 41 Resp: 6584
Ion Ratio Lower Upper
41 100
69 76.9 63.0 94.4
39 80.4 52.6 79.0





#49

1,4-Dioxane

Concen: 105.522 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.012 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

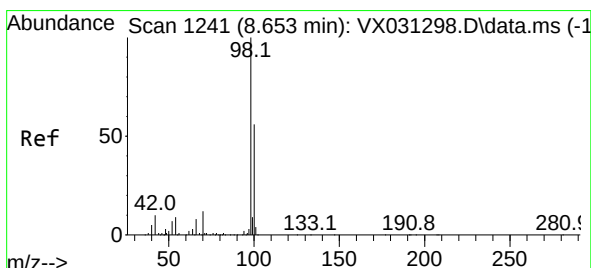
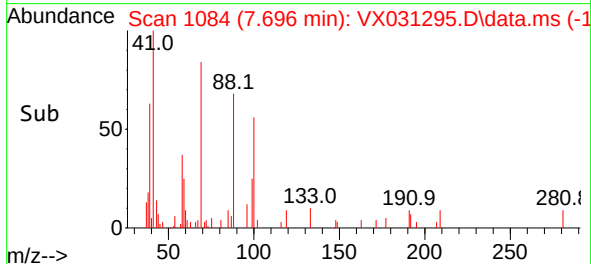
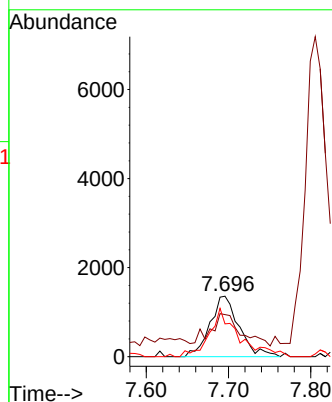
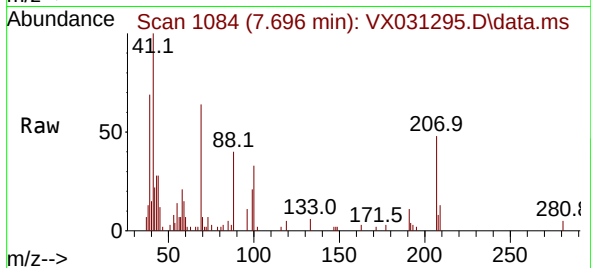
Tgt Ion:	88	Resp:	3339
Ion	Ratio	Lower	Upper
88	100		
43	55.2	27.2	40.8
58	79.9	52.0	78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#50

Toluene-d8

Concen: 3.389 ug/l

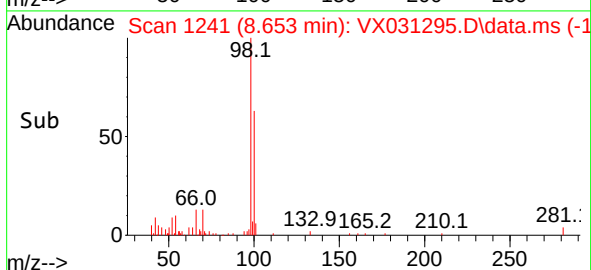
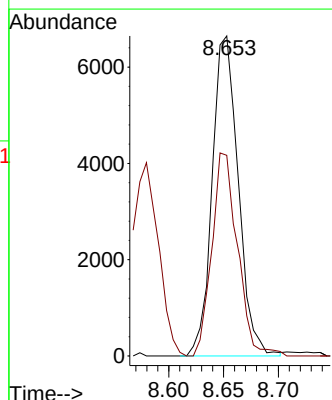
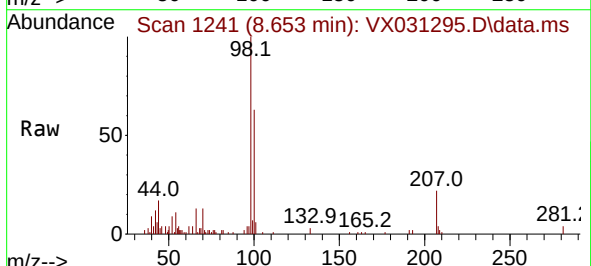
RT: 8.653 min Scan# 1241

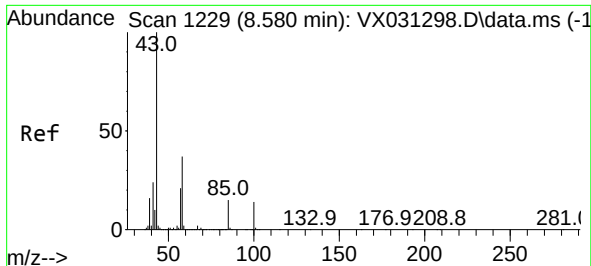
Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Tgt Ion:	98	Resp:	11005
Ion	Ratio	Lower	Upper
98	100		
100	62.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 22.353 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 4943

Ion Ratio Lower Upper

43 100

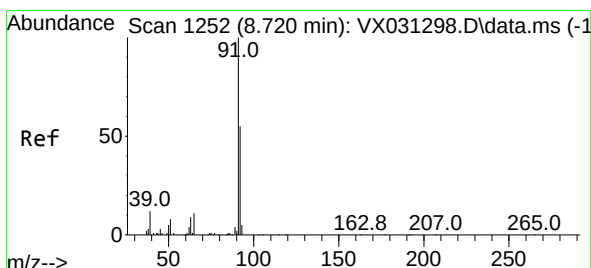
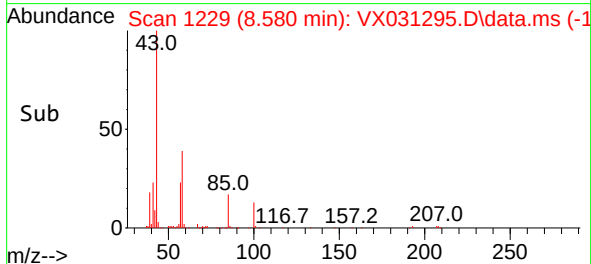
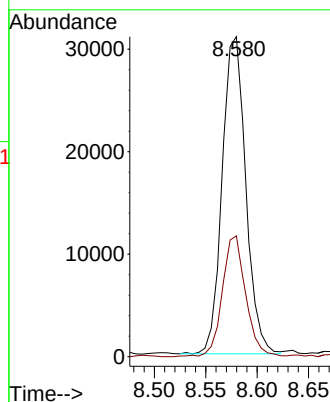
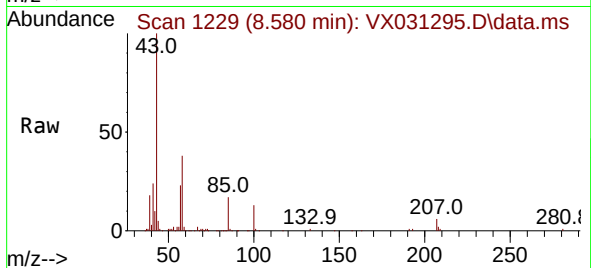
58 37.8 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#52

Toluene

Concen: 4.199 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX031295.D

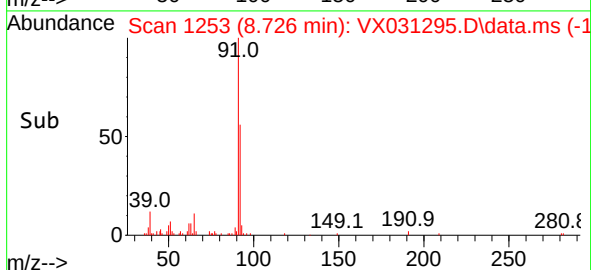
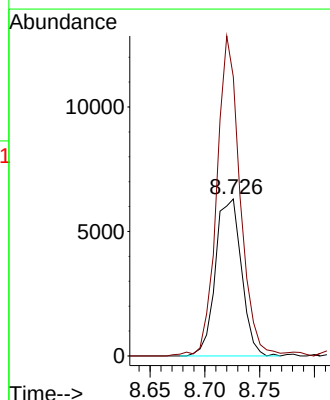
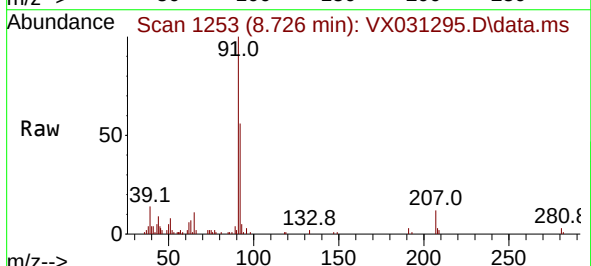
Acq: 13 Sep 2022 17:29

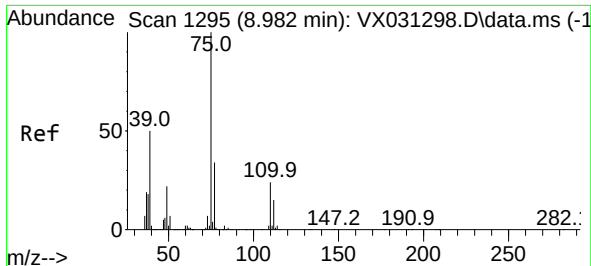
Tgt Ion: 92 Resp: 10406

Ion Ratio Lower Upper

92 100

91 182.7 143.3 214.9





#53

t-1,3-Dichloropropene

Concen: 4.899 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 8678

Ion Ratio Lower Upper

75 100

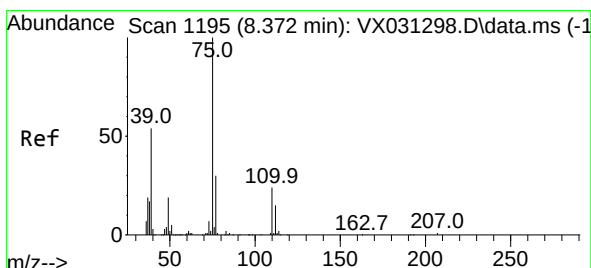
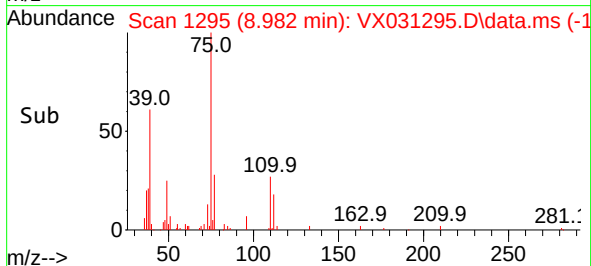
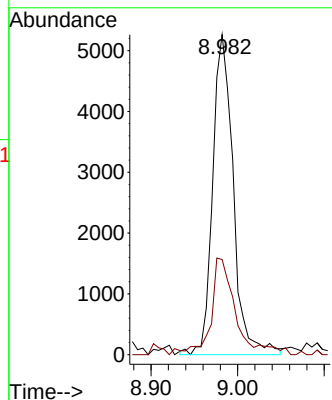
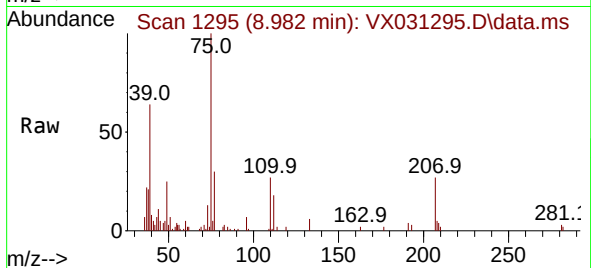
77 28.7 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#54

cis-1,3-Dichloropropene

Concen: 4.861 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

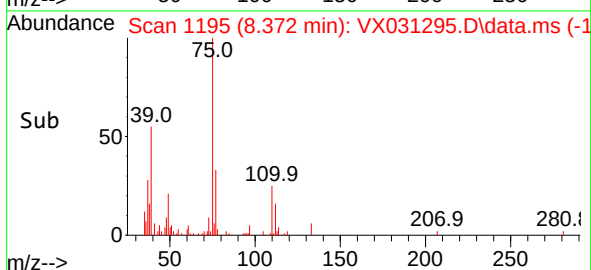
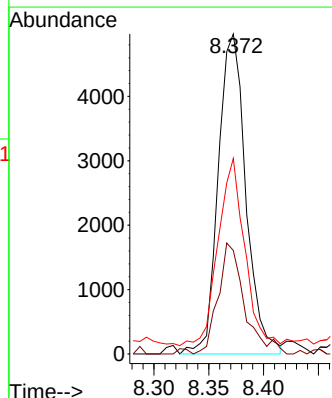
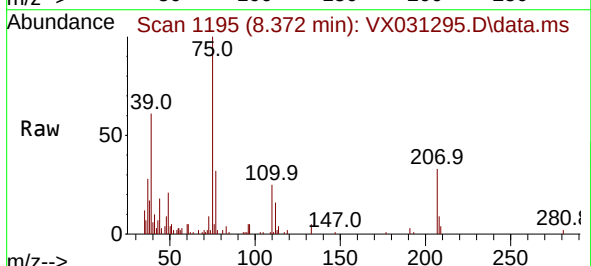
Tgt Ion: 75 Resp: 8720

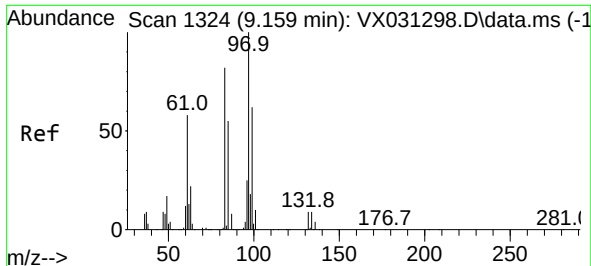
Ion Ratio Lower Upper

75 100

77 30.7 23.8 35.6

39 58.5 43.3 64.9





#55

1,1,2-Trichloroethane

Concen: 4.743 ug/l

RT: 9.153 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

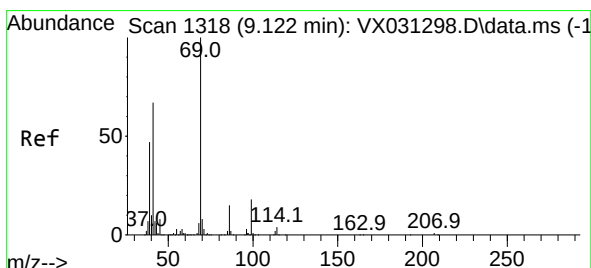
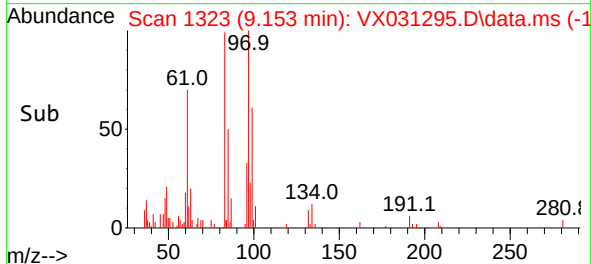
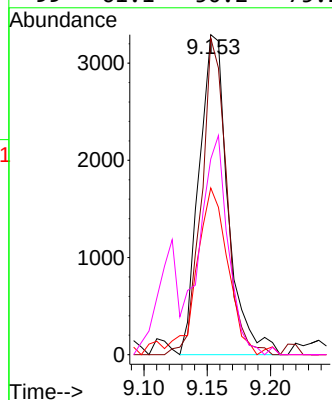
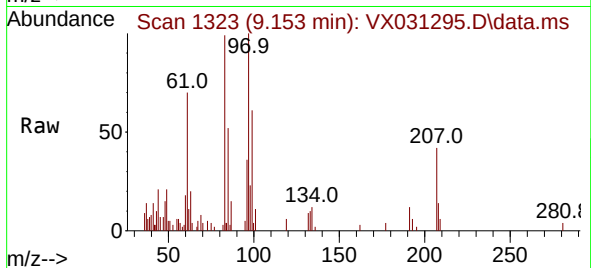
Tgt Ion: 97	Resp: 5254
Ion Ratio	Lower Upper
97 100	
83 99.0	65.3 97.9
85 52.1	43.8 65.6
99 61.1	50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#56

Ethyl methacrylate

Concen: 4.530 ug/l

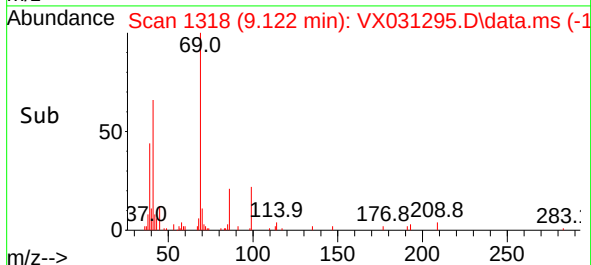
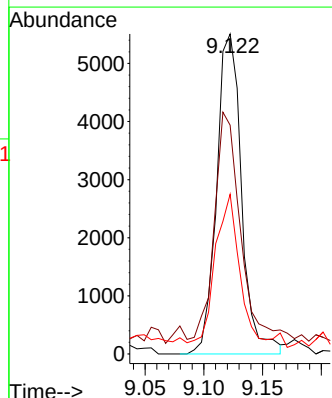
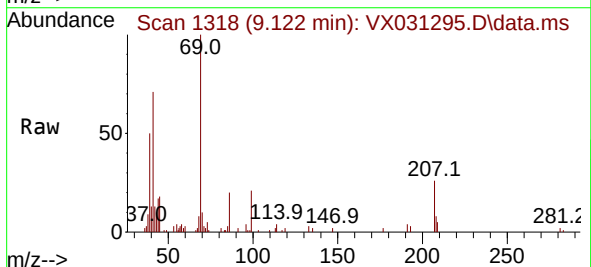
RT: 9.122 min Scan# 1318

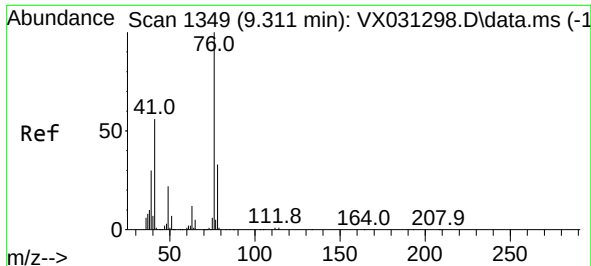
Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Tgt Ion: 69	Resp: 8134
Ion Ratio	Lower Upper
69 100	
41 76.6	57.2 85.8
39 43.4	39.4 59.0





#57

1,3-Dichloropropane

Concen: 4.773 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 856

Ion Ratio Lower Upper

76 100

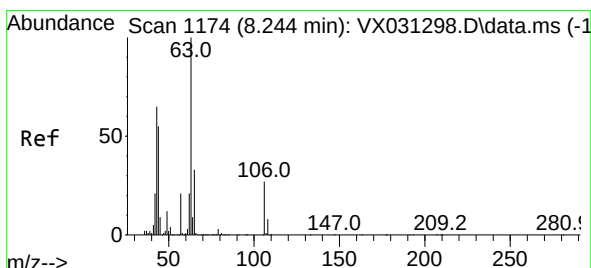
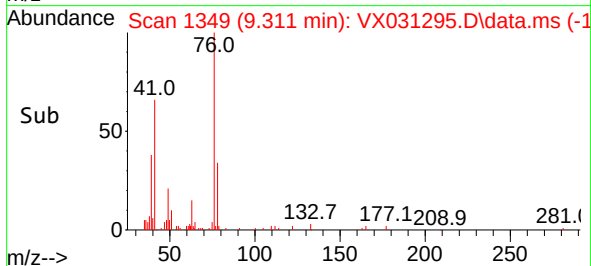
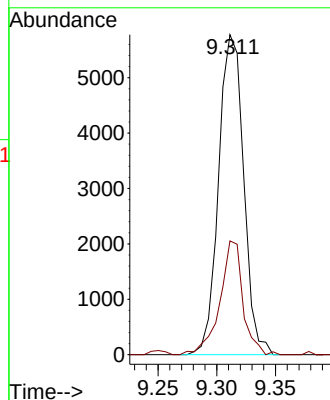
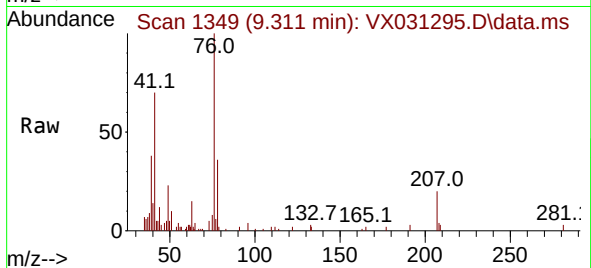
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 23.808 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031295.D

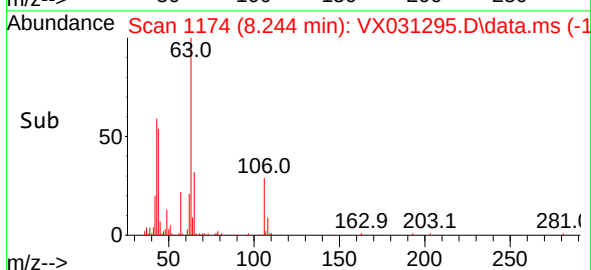
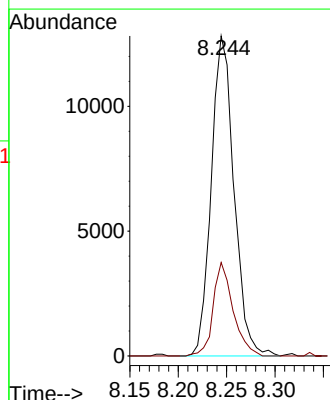
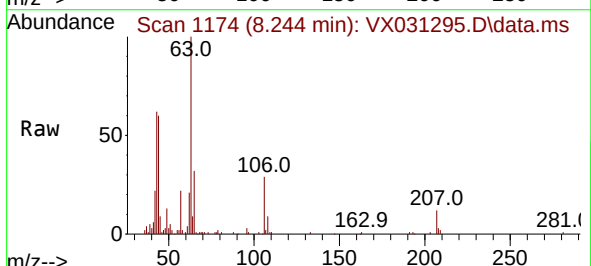
Acq: 13 Sep 2022 17:29

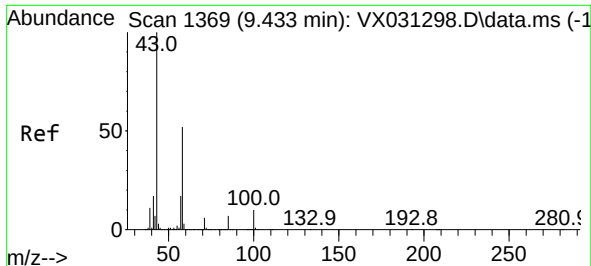
Tgt Ion: 63 Resp: 20980

Ion Ratio Lower Upper

63 100

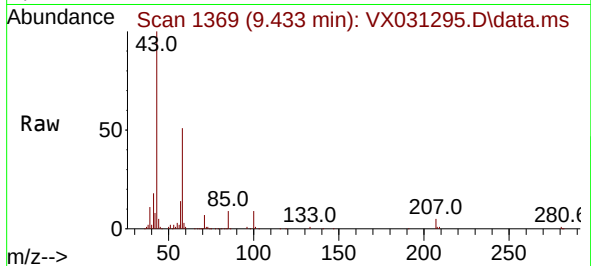
106 25.6 21.0 31.6





#59
2-Hexanone
Concen: 22.629 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

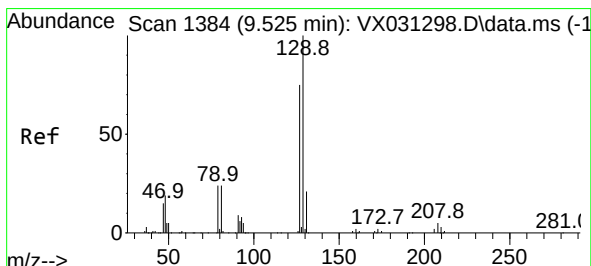
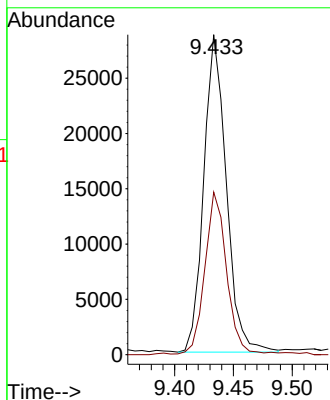
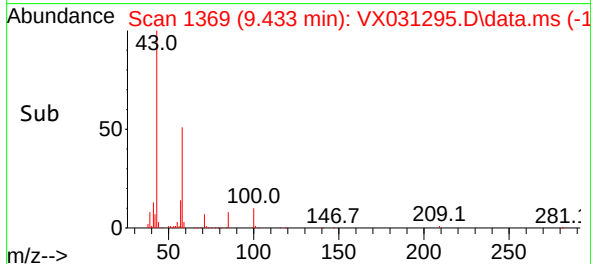
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



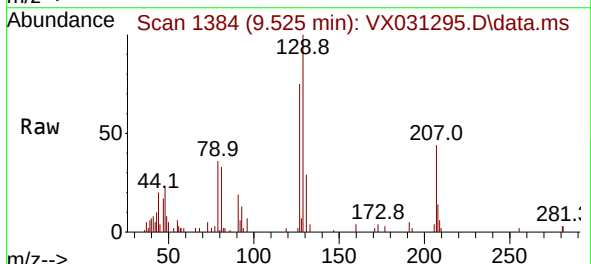
Tgt Ion: 43 Resp: 3829
Ion Ratio Lower Upper
43 100
58 50.3 25.9 77.7

Manual Integrations
APPROVED

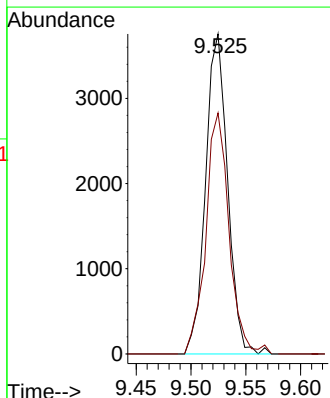
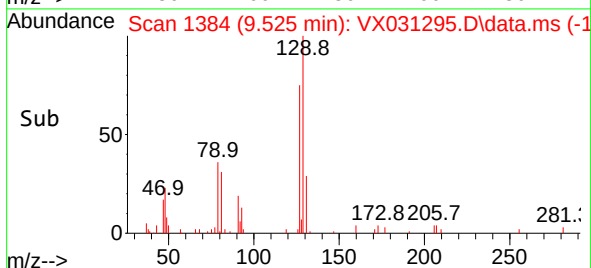
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

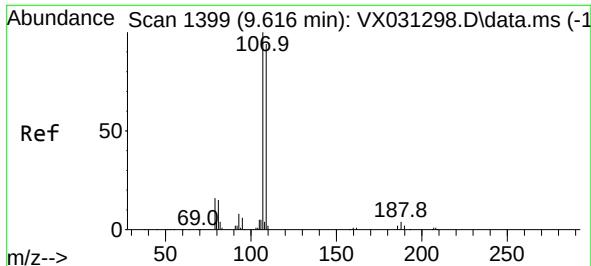


#60
Dibromochloromethane
Concen: 4.399 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion:129 Resp: 5246
Ion Ratio Lower Upper
129 100
127 79.5 38.0 114.1





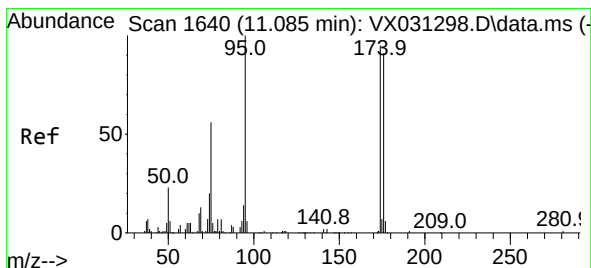
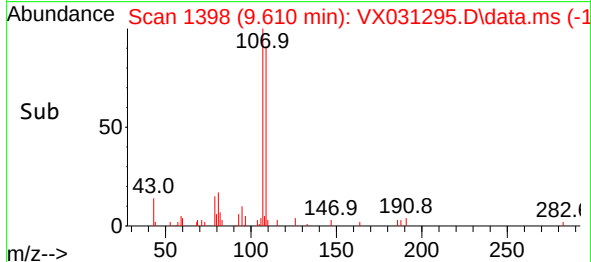
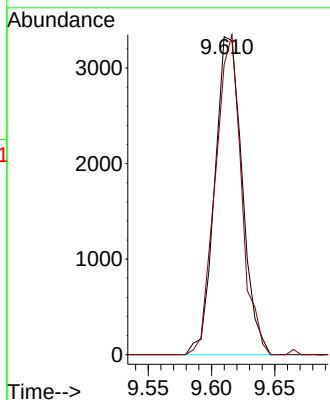
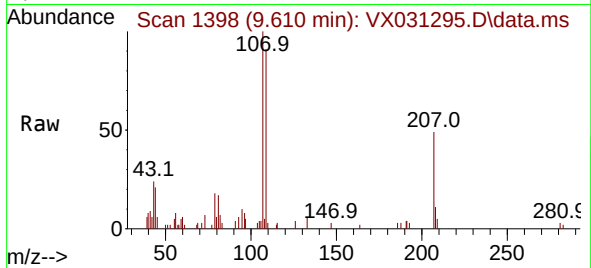
#61
1,2-Dibromoethane
Concen: 4.491 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 500
Ion Ratio Lower Upper
107 100
109 95.9 79.1 118.7

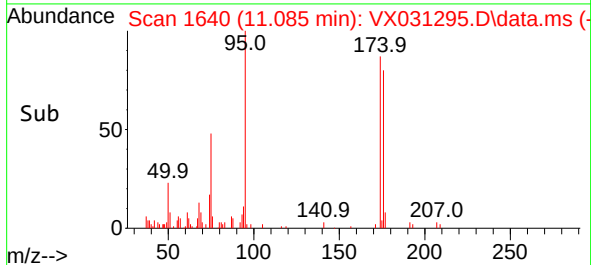
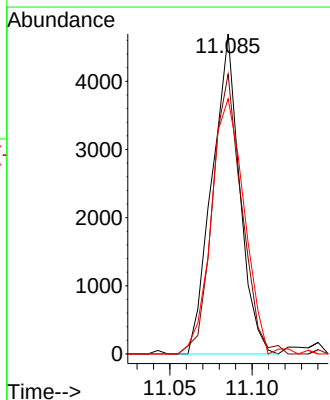
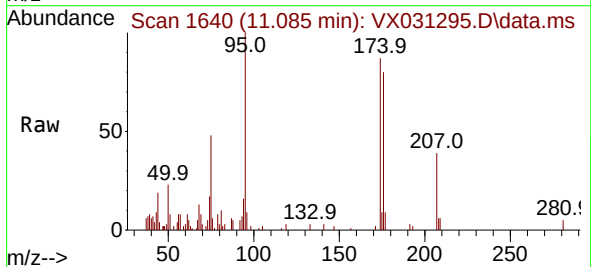
Manual Integrations
APPROVED

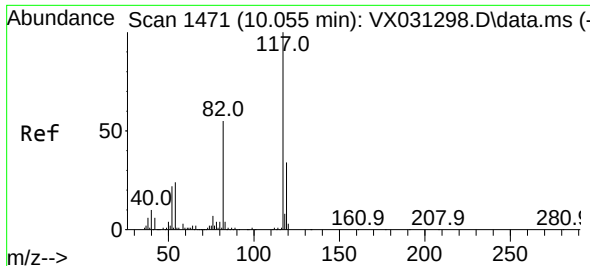
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#62
4-Bromofluorobenzene
Concen: 4.813 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

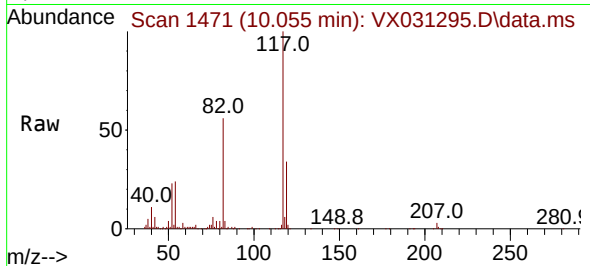
Tgt Ion: 95 Resp: 5472
Ion Ratio Lower Upper
95 100
174 92.4 0.0 179.8
176 95.3 0.0 177.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

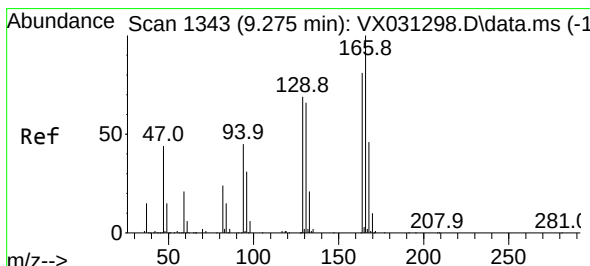
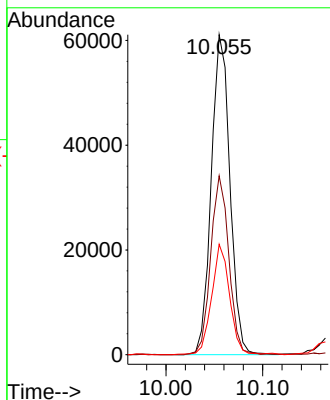
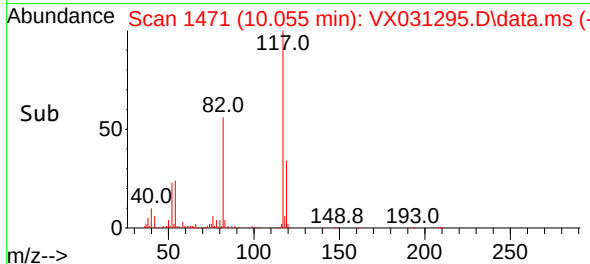
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



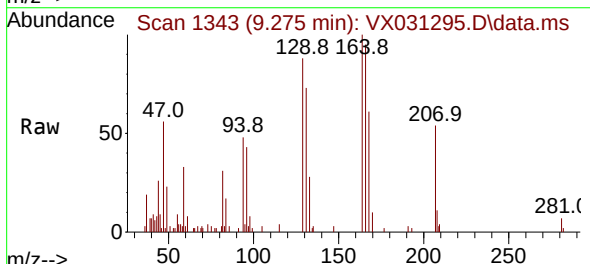
Tgt Ion:117 Resp: 81880
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.4
119 34.3 27.0 40.4

Manual Integrations
APPROVED

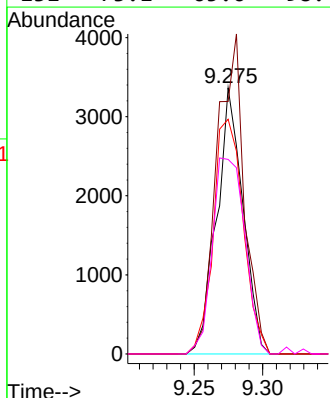
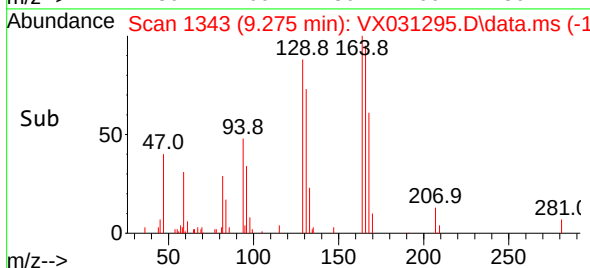
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

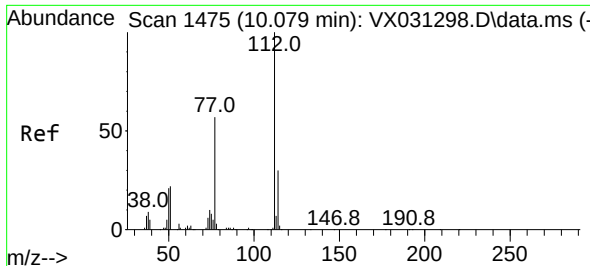


#64
Tetrachloroethene
Concen: 4.816 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



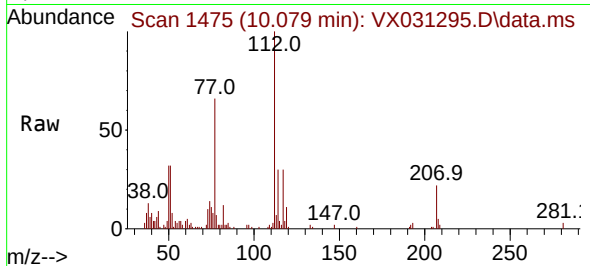
Tgt Ion:164 Resp: 4498
Ion Ratio Lower Upper
164 100
166 94.9 99.0 148.6#
129 88.2 67.8 101.8
131 73.1 65.6 98.4





#65
Chlorobenzene
Concen: 4.562 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

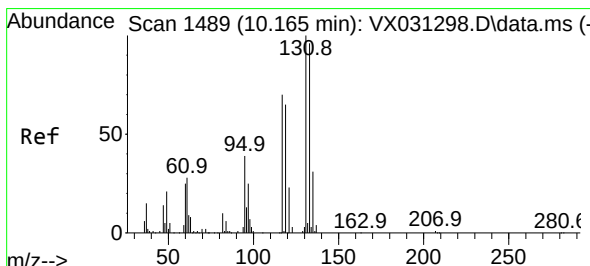
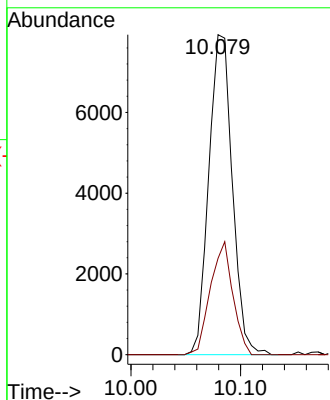
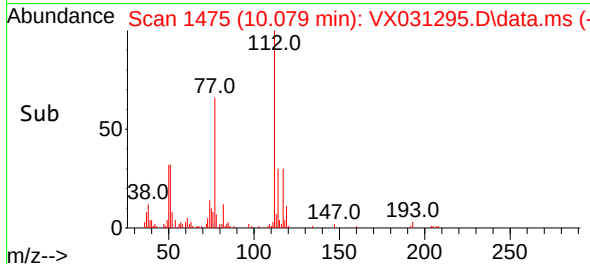
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



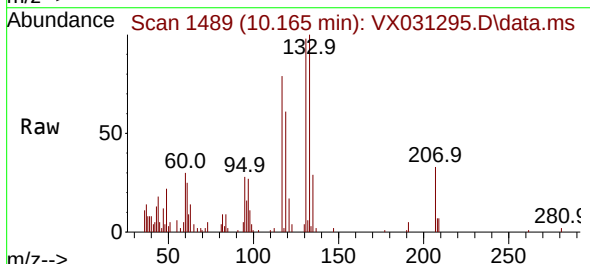
Tgt Ion:112 Resp: 11814
Ion Ratio Lower Upper
112 100
114 30.1 23.7 35.5

Manual Integrations
APPROVED

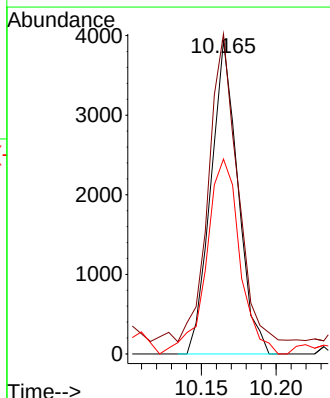
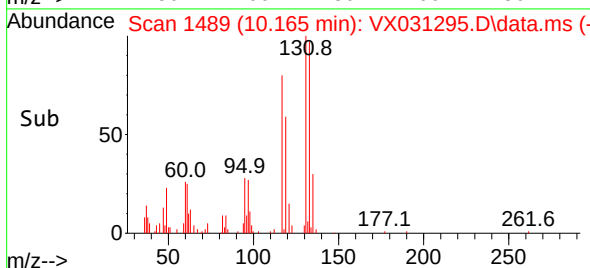
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

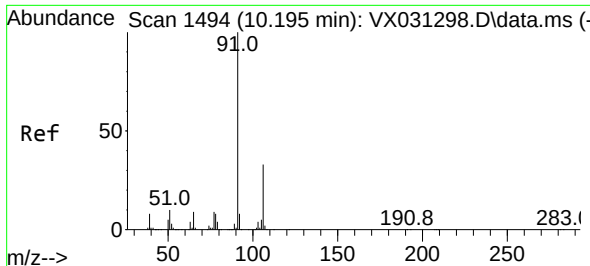


#66
1,1,1,2-Tetrachloroethane
Concen: 4.862 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion:131 Resp: 4963
Ion Ratio Lower Upper
131 100
133 109.4 50.5 151.5
119 76.2 34.8 104.5





#67

Ethyl Benzene

Concen: 4.874 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 22499

Ion Ratio Lower Upper

91 100

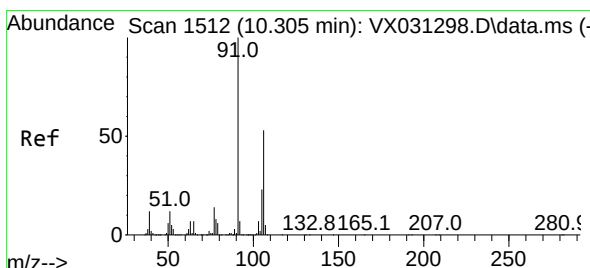
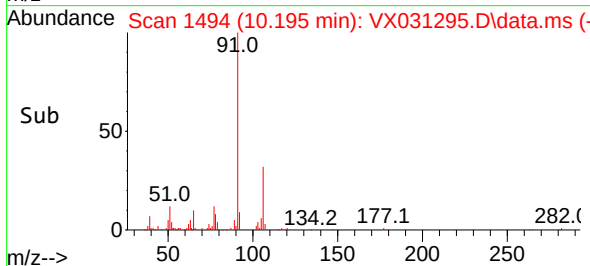
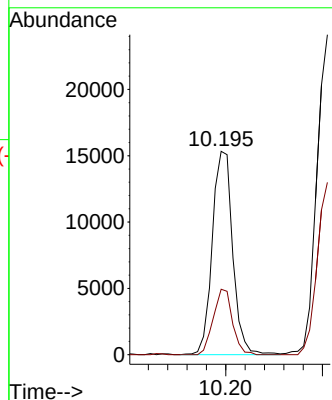
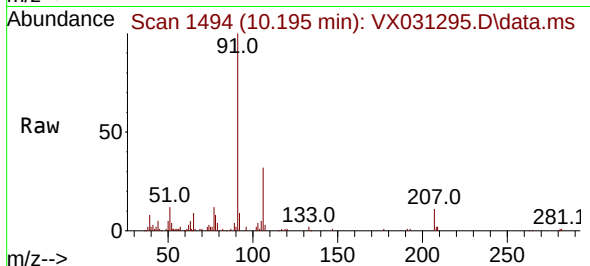
106 32.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#68

m/p-Xylenes

Concen: 9.322 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031295.D

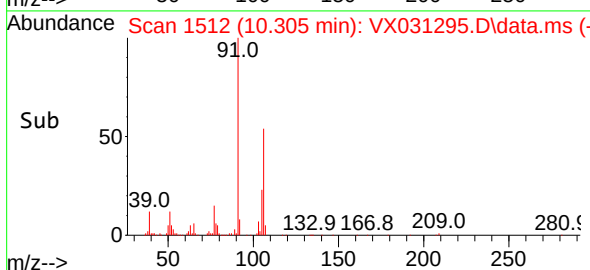
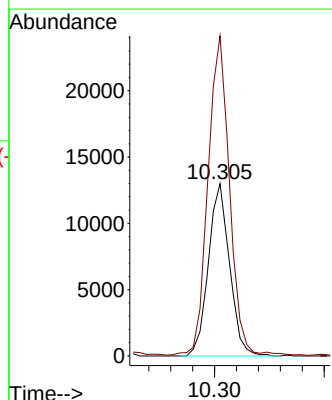
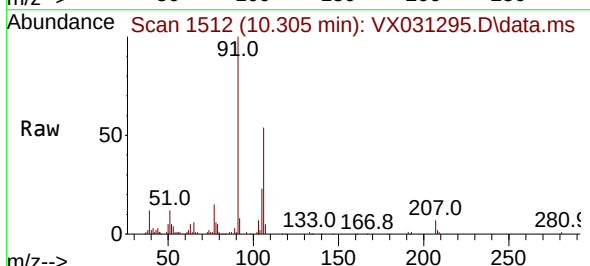
Acq: 13 Sep 2022 17:29

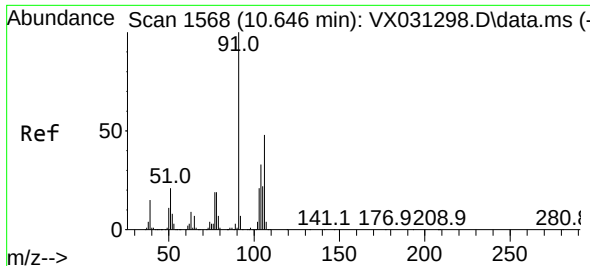
Tgt Ion:106 Resp: 17391

Ion Ratio Lower Upper

106 100

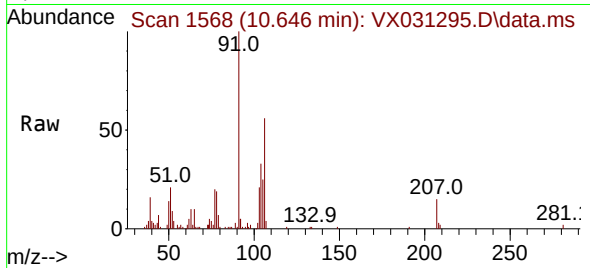
91 189.0 153.4 230.0





#69
o-Xylene
Concen: 4.721 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

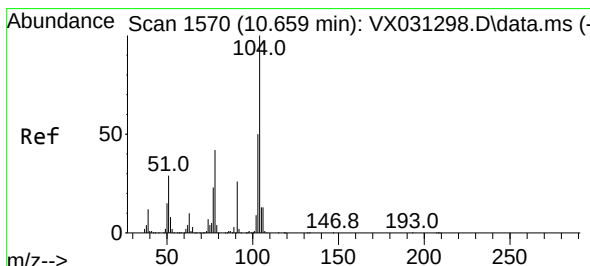
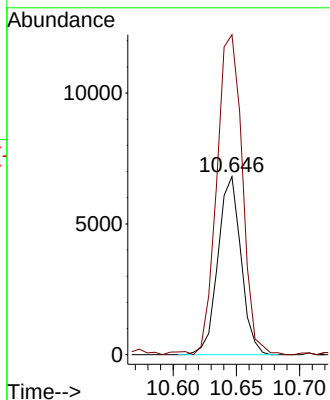
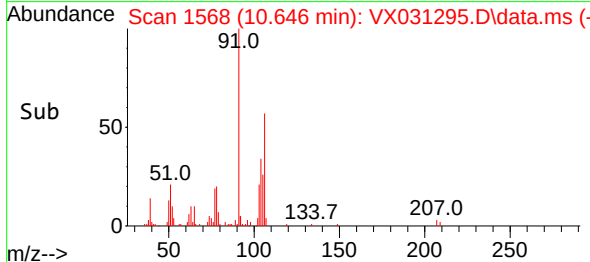
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



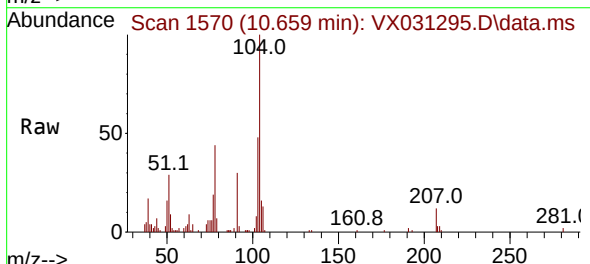
Tgt Ion:106 Resp: 862
Ion Ratio Lower Upper
106 100
91 199.6 104.4 313.1

Manual Integrations
APPROVED

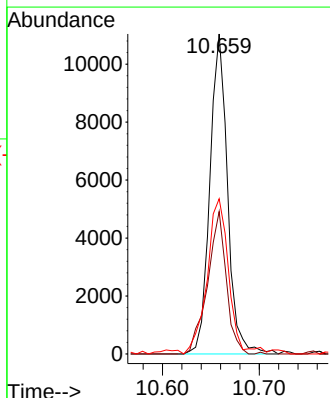
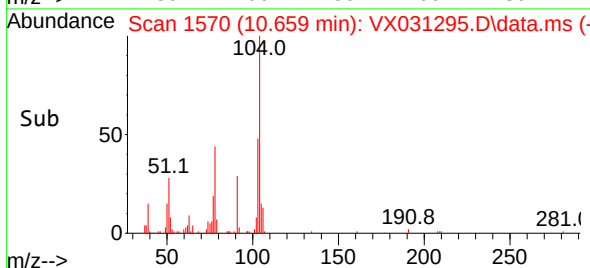
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

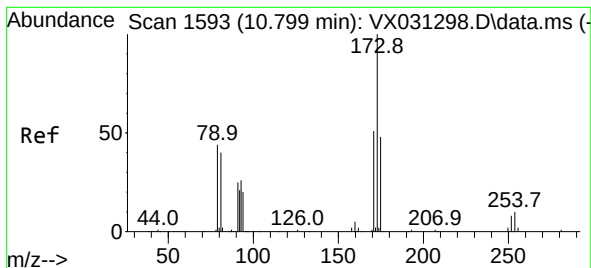


#70
Styrene
Concen: 4.581 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion:104 Resp: 14049
Ion Ratio Lower Upper
104 100
78 47.1 38.1 57.1
103 60.1 44.3 66.5





#71

Bromoform

Concen: 4.806 ug/l

RT: 10.805 min Scan# 1593

Delta R.T. 0.006 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

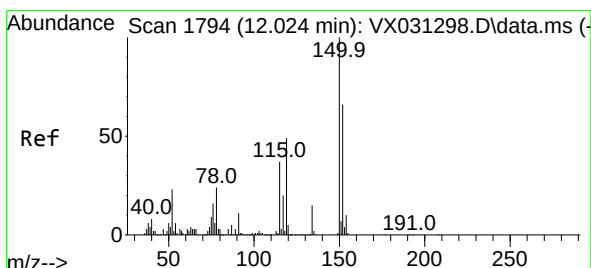
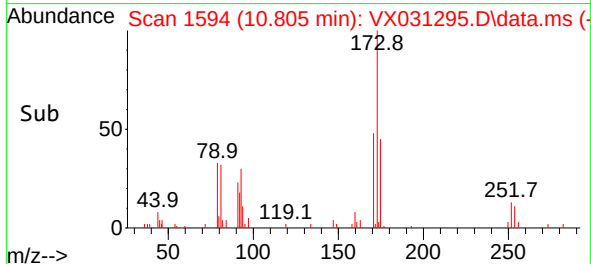
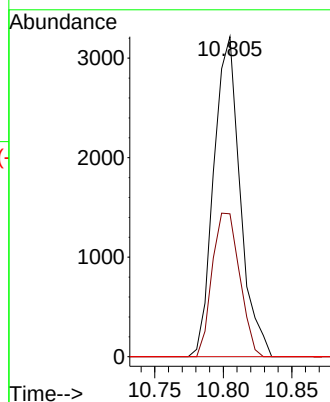
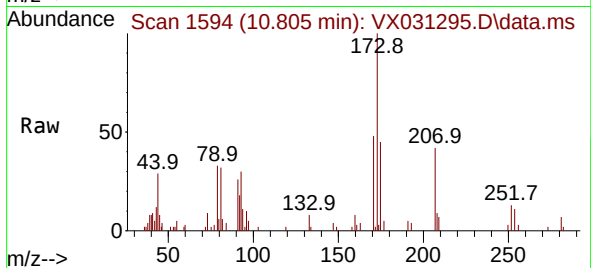
Tgt Ion:	173	Resp:	431
Ion Ratio	Lower	Upper	
173	100		
175	46.6	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

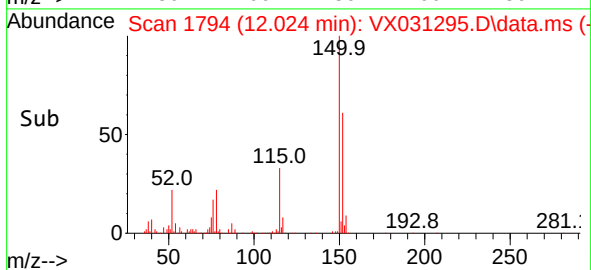
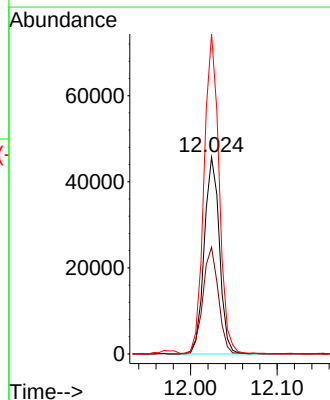
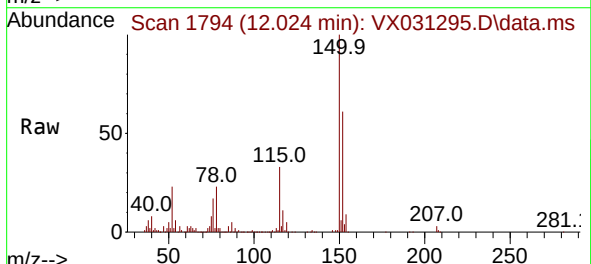
RT: 12.024 min Scan# 1794

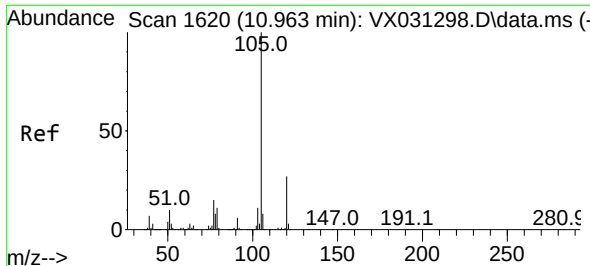
Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

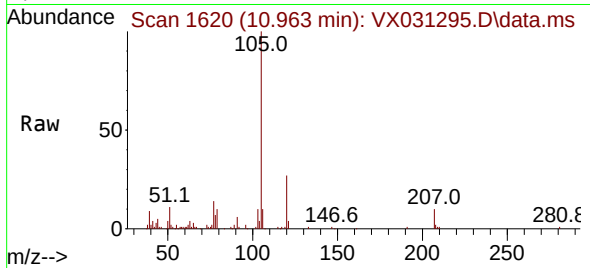
Tgt Ion:	152	Resp:	55404
Ion Ratio	Lower	Upper	
152	100		
115	56.0	39.8	119.3
150	162.1	0.0	347.6





#73
Isopropylbenzene
Concen: 5.053 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

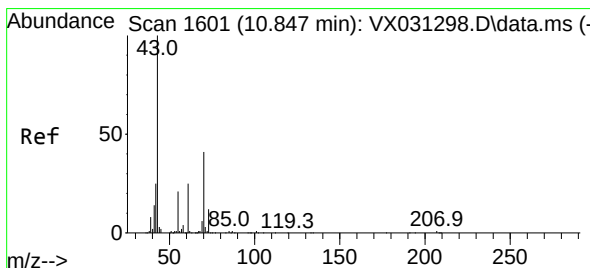
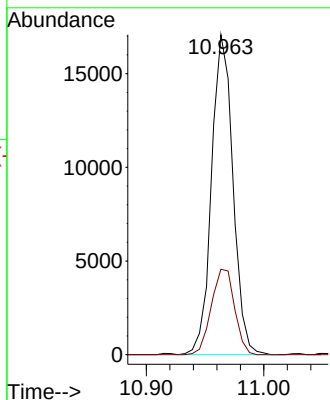
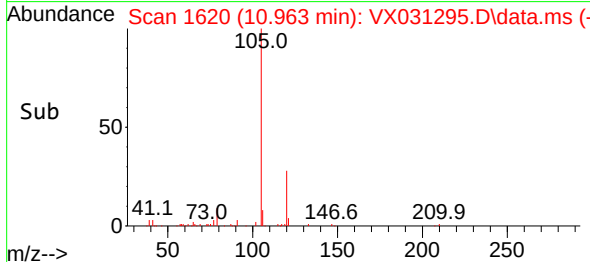
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



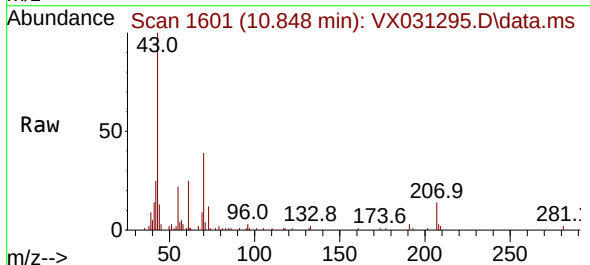
Tgt Ion: 105 Resp: 21618
Ion Ratio Lower Upper
105 100
120 29.0 13.6 40.7

Manual Integrations
APPROVED

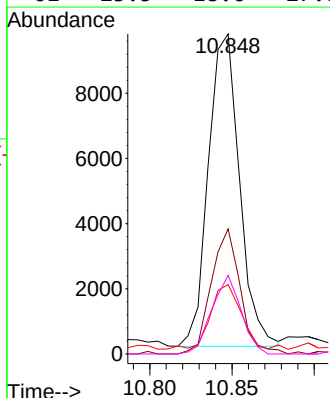
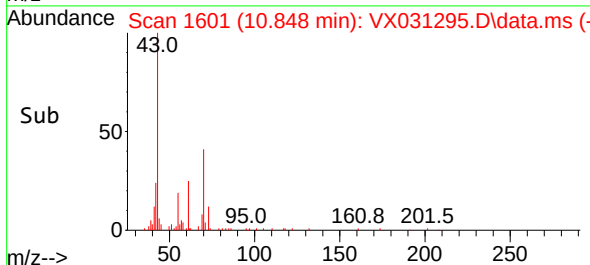
Reviewed By : John Carlone 09/14/2022
Supervised By : Mahesh Dadoda 09/14/2022

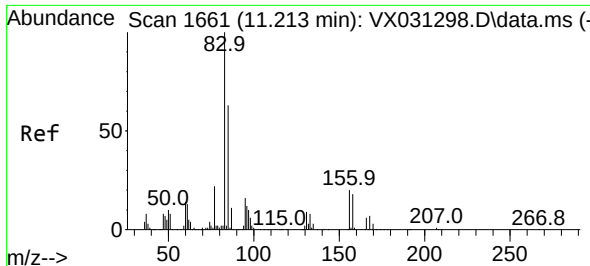


#74
N-ethyl acetate
Concen: 5.157 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



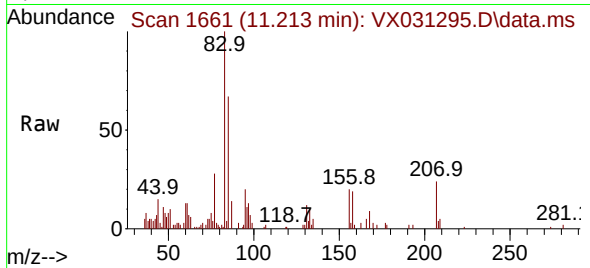
Tgt Ion: 43 Resp: 12653
Ion Ratio Lower Upper
43 100
70 37.2 30.5 45.7
55 20.3 16.6 25.0
61 23.5 18.6 27.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.201 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

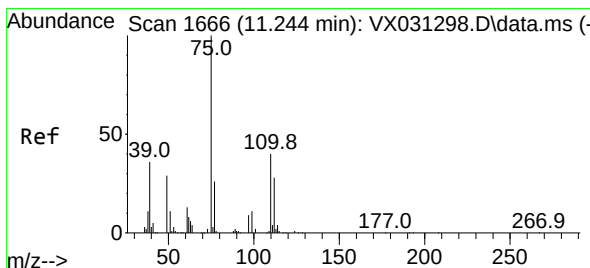
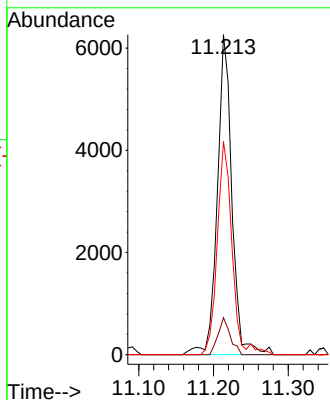
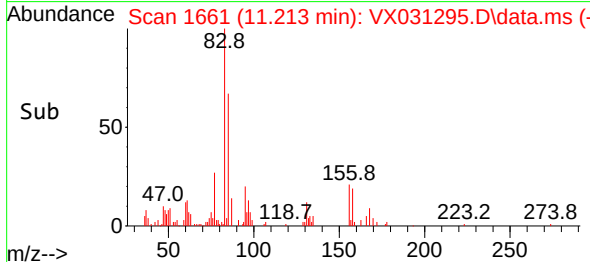
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



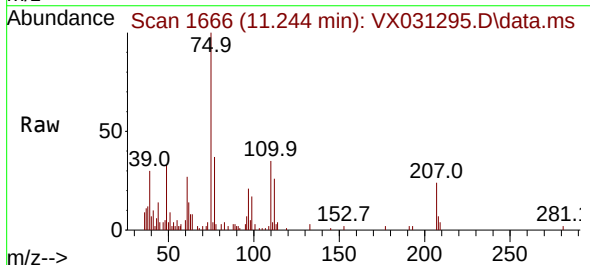
Tgt Ion: 83 Resp: 849
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.7
85 64.9 32.2 96.6

Manual Integrations
APPROVED

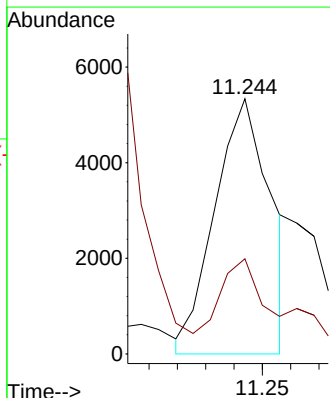
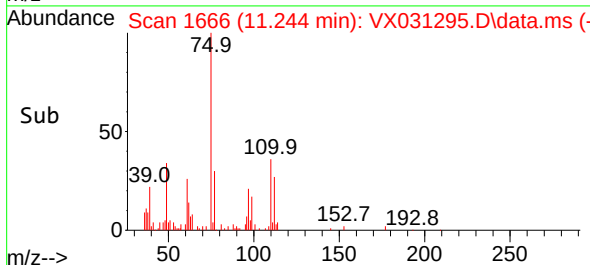
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

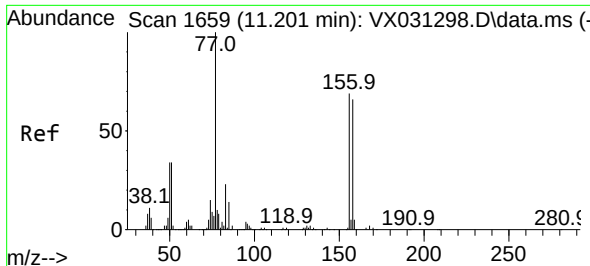


#76
1,2,3-Trichloropropane
Concen: 5.047 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion: 75 Resp: 7280
Ion Ratio Lower Upper
75 100
77 43.1 20.6 61.9





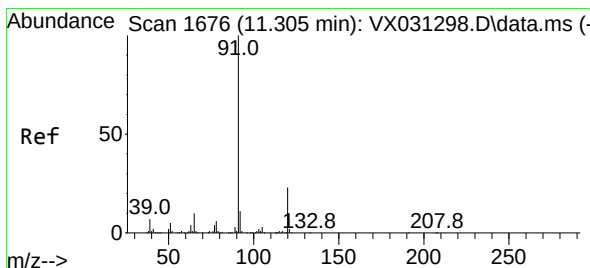
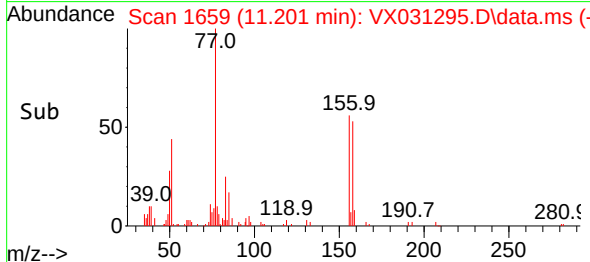
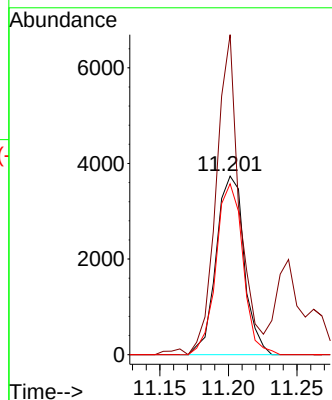
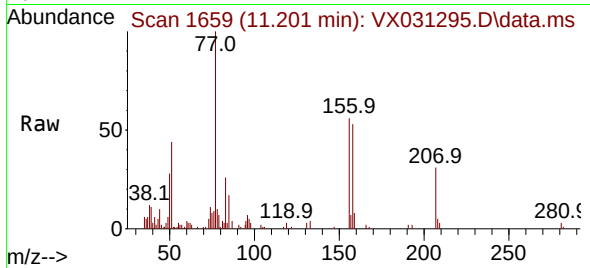
#77
Bromobenzene
Concen: 5.045 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 531
Ion Ratio Lower Upper
156 100
77 151.0 73.0 218.9
158 92.0 45.7 137.1

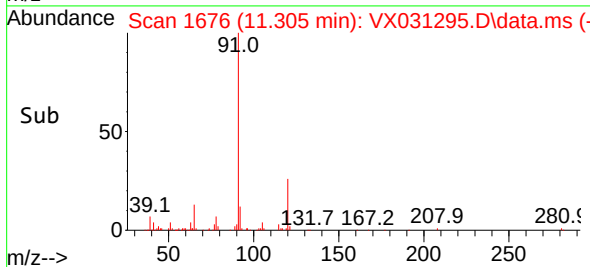
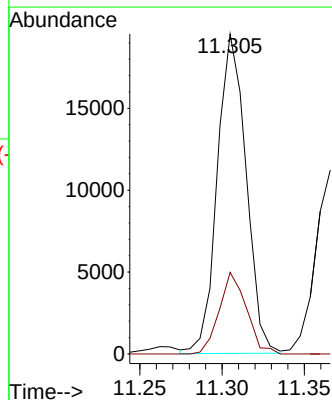
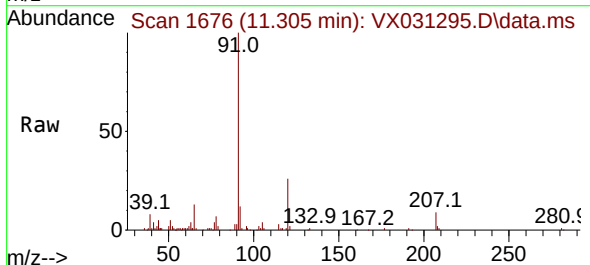
Manual Integrations
APPROVED

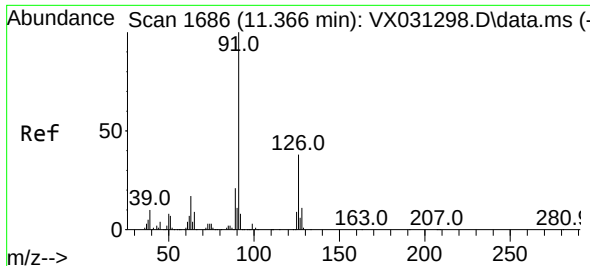
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#78
n-propylbenzene
Concen: 4.774 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion: 91 Resp: 23774
Ion Ratio Lower Upper
91 100
120 24.1 11.8 35.3





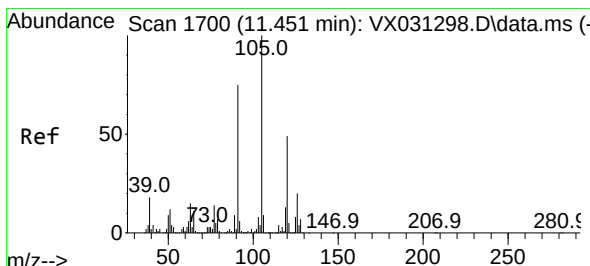
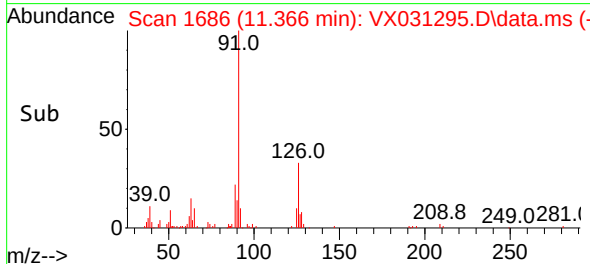
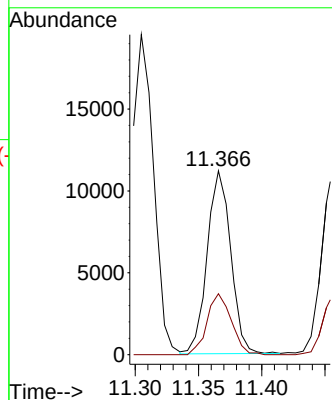
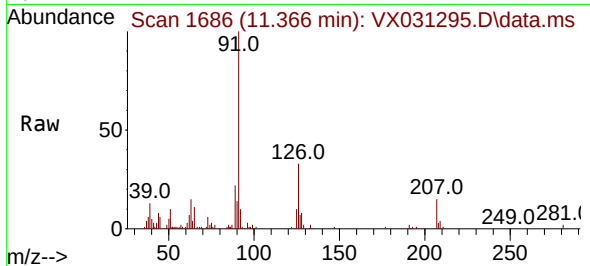
#79
2-Chlorotoluene
Concen: 5.110 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1448
Ion Ratio Lower Upper
91 100
126 34.2 18.9 56.9

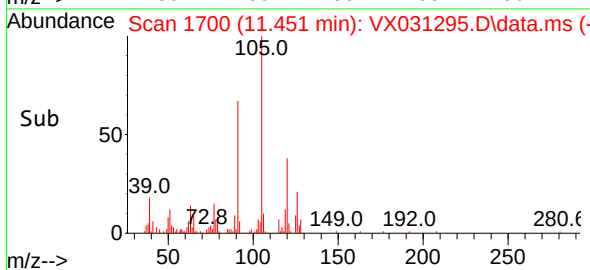
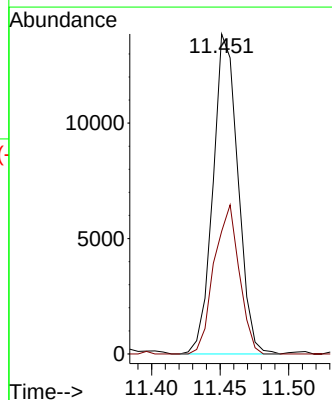
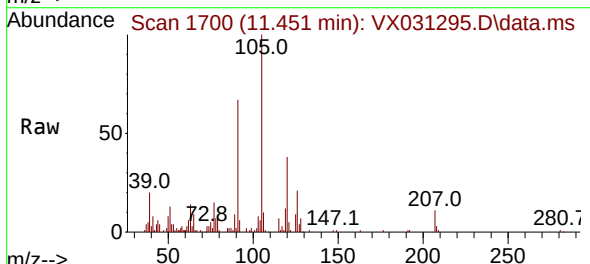
Manual Integrations
APPROVED

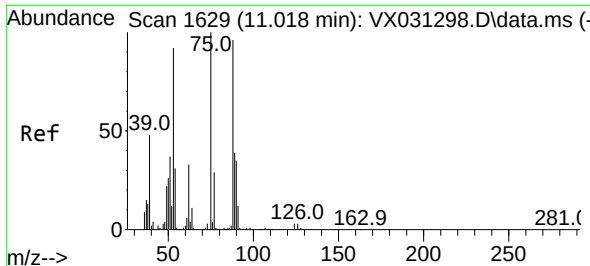
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.868 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion:105 Resp: 17528
Ion Ratio Lower Upper
105 100
120 47.0 25.3 75.9





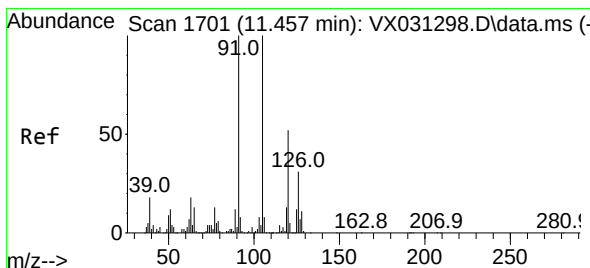
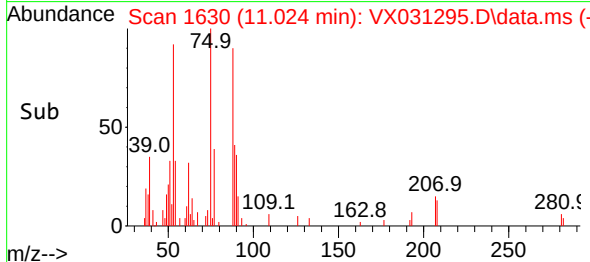
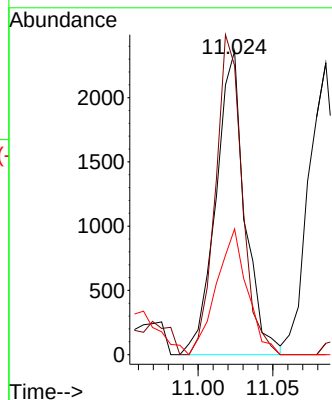
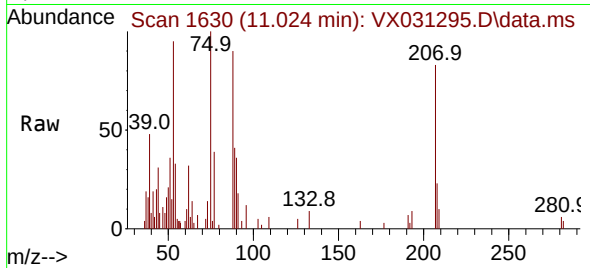
#81
trans-1,4-Dichloro-2-butene
Concen: 5.277 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3190
Ion Ratio Lower Upper
75 100
53 96.4 73.4 110.2
89 43.9 33.6 50.4

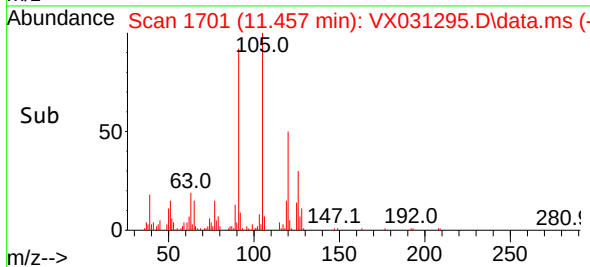
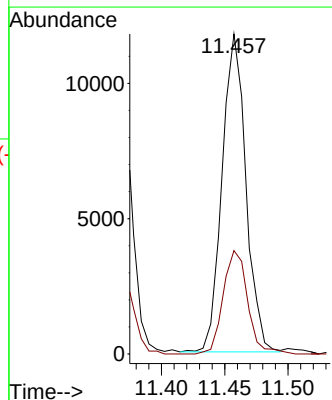
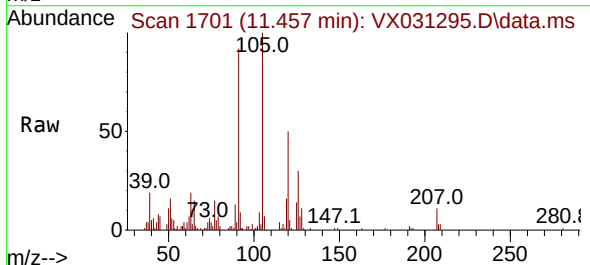
Manual Integrations
APPROVED

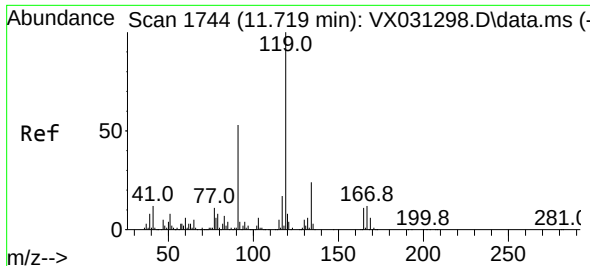
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 4.664 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

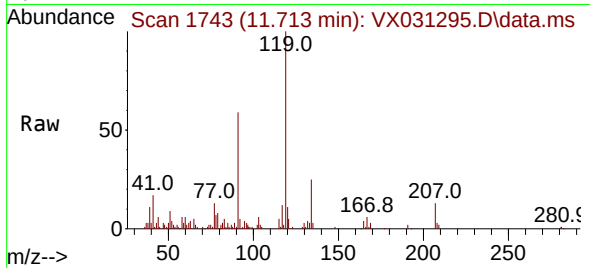
Tgt Ion: 91 Resp: 15375
Ion Ratio Lower Upper
91 100
126 33.4 15.5 46.5





#83
tert-Butylbenzene
Concen: 4.946 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

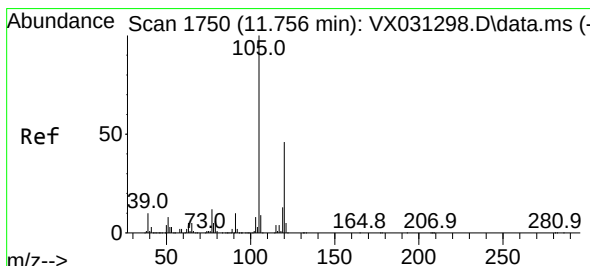
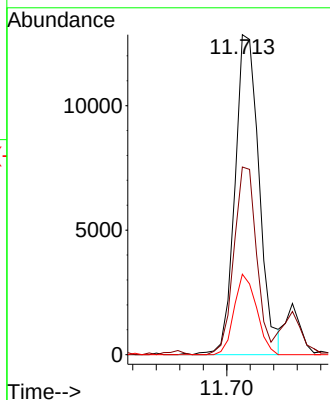
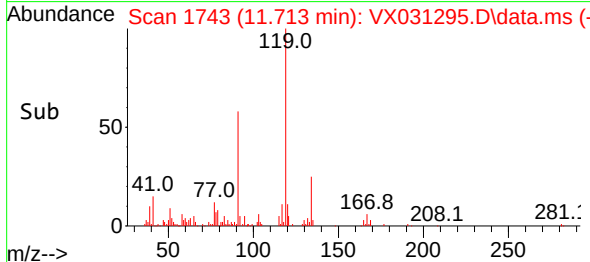
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



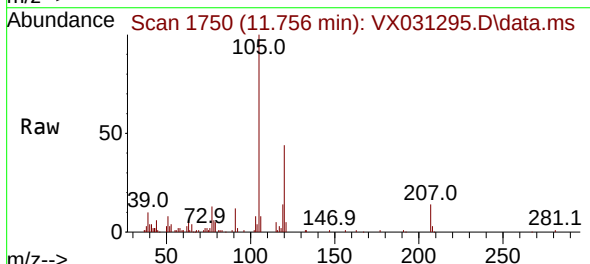
Tgt Ion:119 Resp: 1840
Ion Ratio Lower Upper
119 100
91 55.0 27.2 81.5
134 23.3 11.7 35.1

Manual Integrations
APPROVED

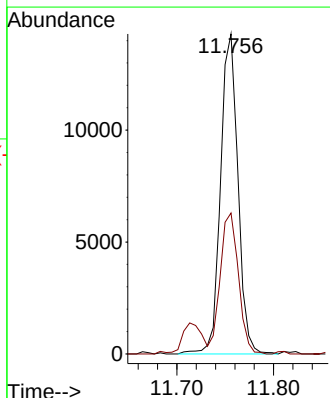
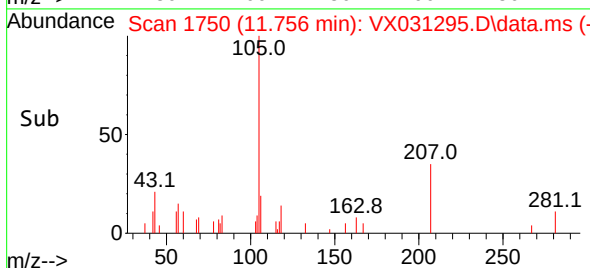
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

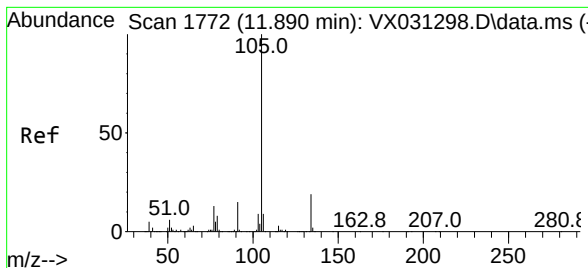


#84
1,2,4-Trimethylbenzene
Concen: 5.030 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



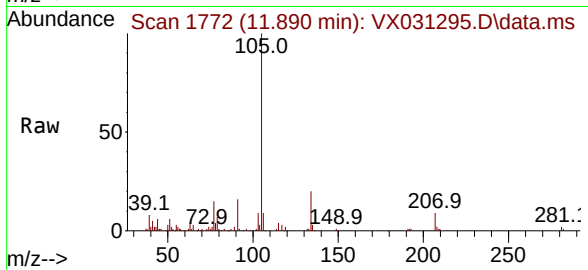
Tgt Ion:105 Resp: 17812
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 4.960 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031295.D
 Acq: 13 Sep 2022 17:29

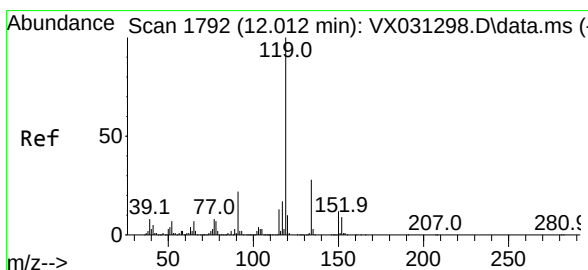
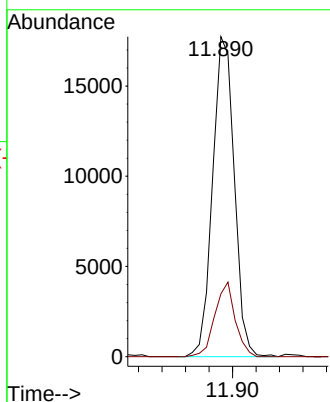
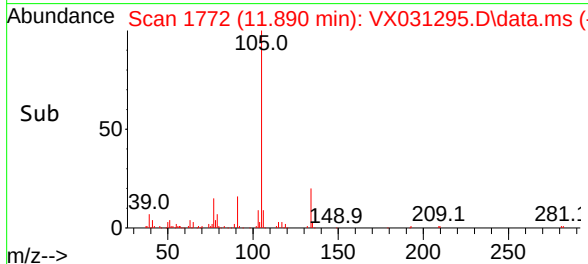
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



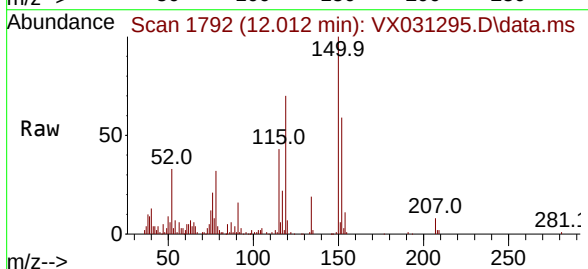
Tgt Ion:105 Resp: 2275
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.4 31.2

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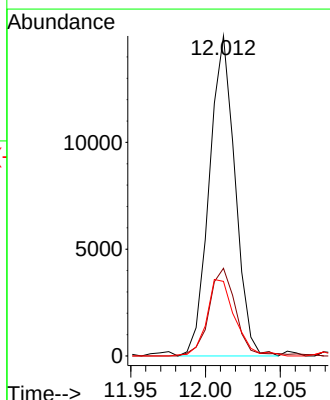
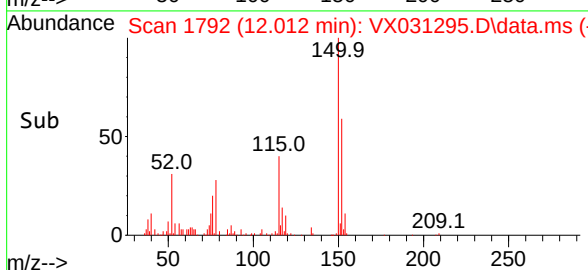
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

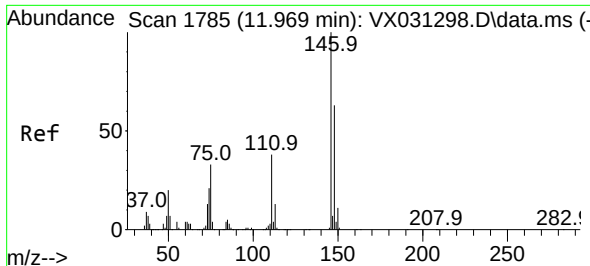


#86
 p-Isopropyltoluene
 Concen: 4.661 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031295.D
 Acq: 13 Sep 2022 17:29



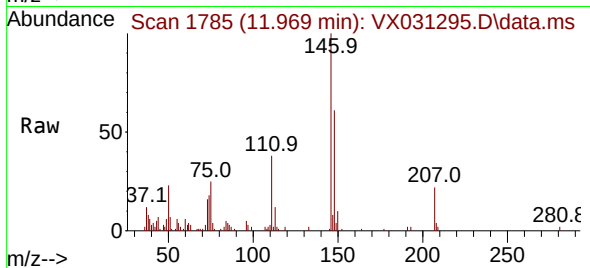
Tgt Ion:119 Resp: 17921
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.8 41.4
 91 26.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 4.968 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

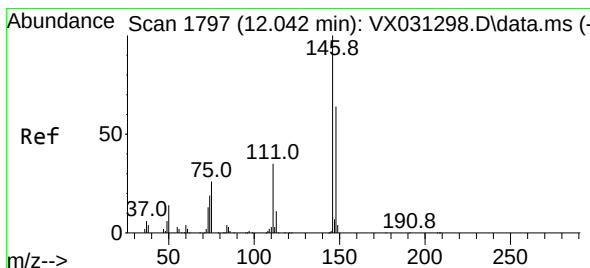
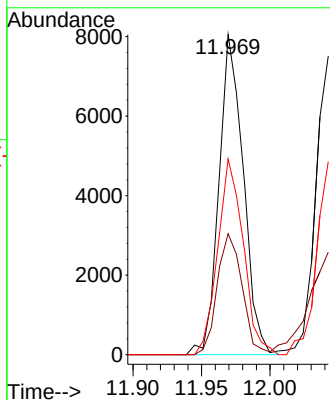
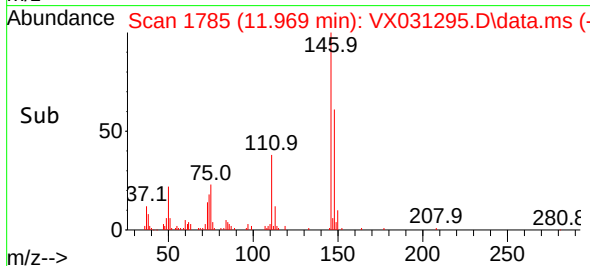
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



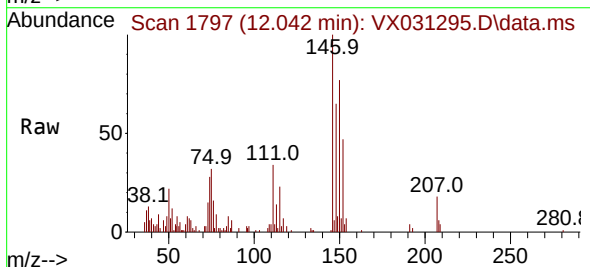
Tgt Ion:146 Resp: 994
Ion Ratio Lower Upper
146 100
111 38.6 18.8 56.3
148 64.3 31.9 95.5

Manual Integrations
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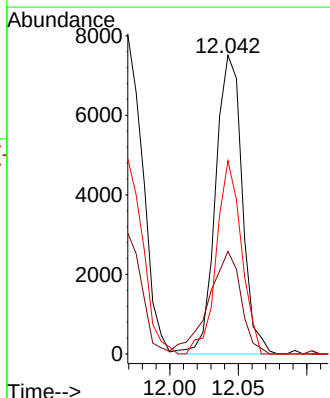
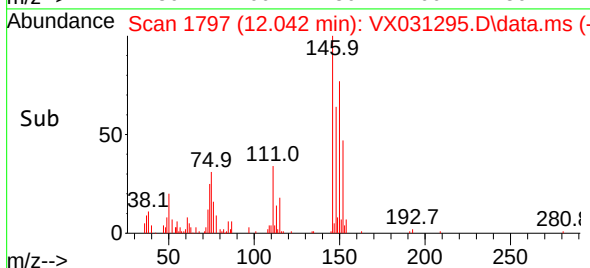
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

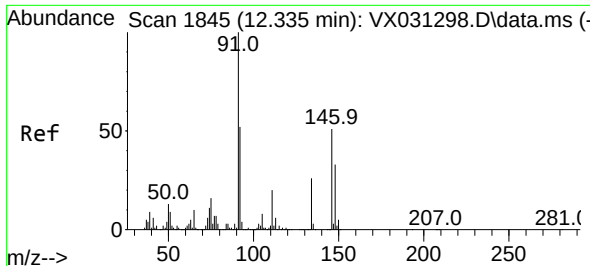


#88
1,4-Dichlorobenzene
Concen: 4.889 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion:146 Resp: 10107
Ion Ratio Lower Upper
146 100
111 42.2 18.0 54.0
148 61.1 31.4 94.2





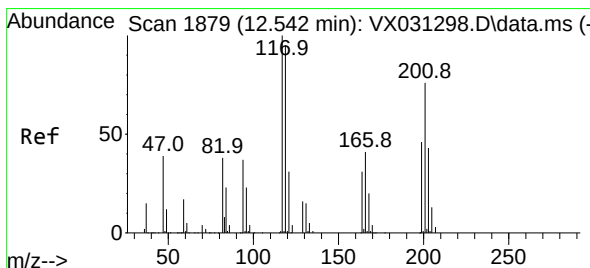
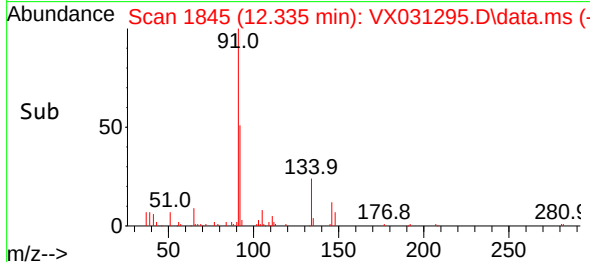
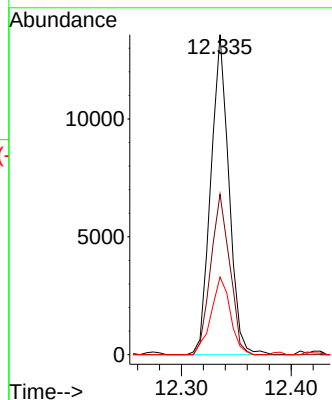
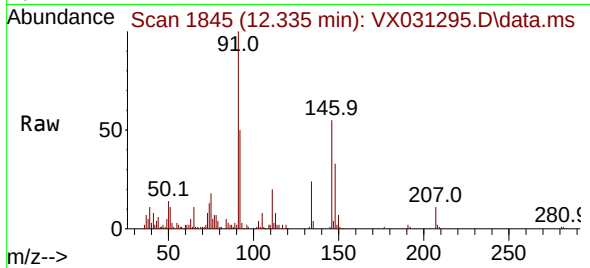
#89
n-Butylbenzene
Concen: 4.580 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 15590
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 25.9 13.0 38.9

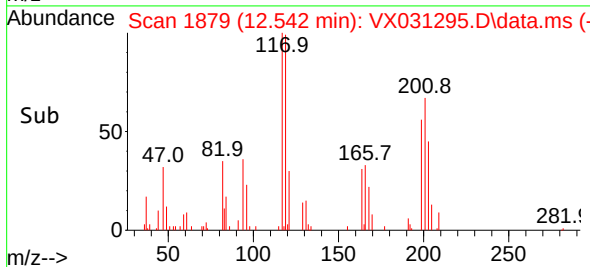
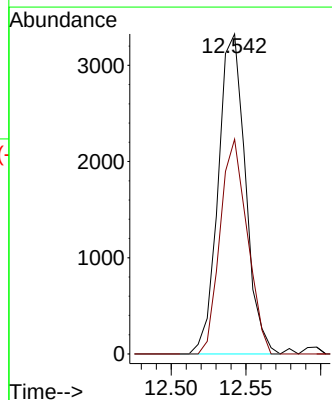
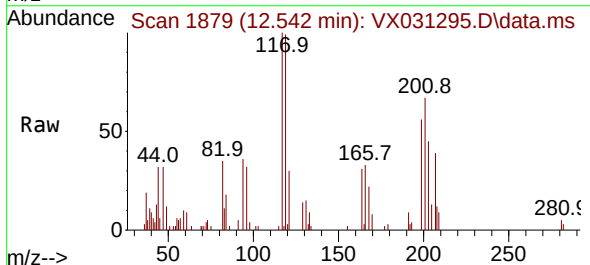
Manual Integrations
APPROVED

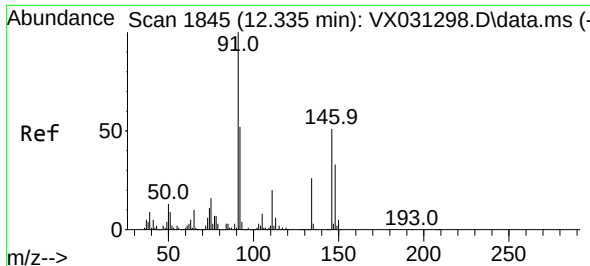
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 5.406 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

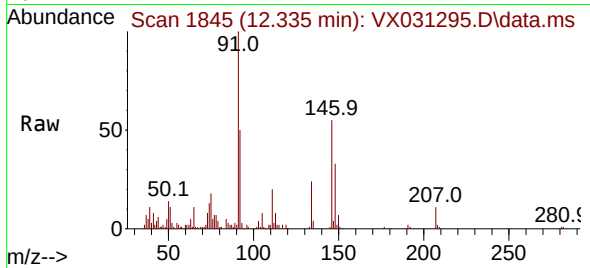
Tgt Ion:117 Resp: 4206
Ion Ratio Lower Upper
117 100
201 67.2 34.6 103.9





#91
1,2-Dichlorobenzene
Concen: 4.814 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

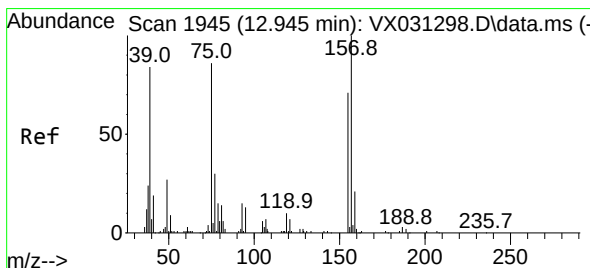
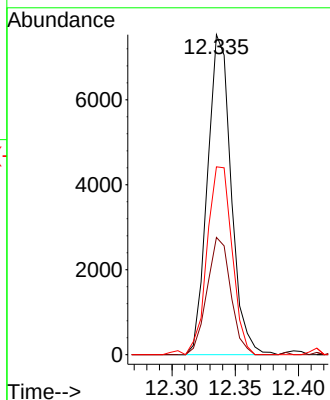
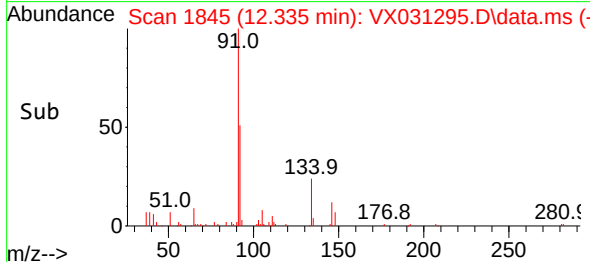
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



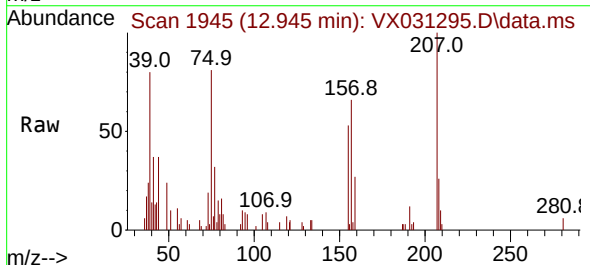
Tgt Ion:146 Resp: 979
Ion Ratio Lower Upper
146 100
111 36.6 19.4 58.2
148 62.2 31.7 95.1

Manual Integrations
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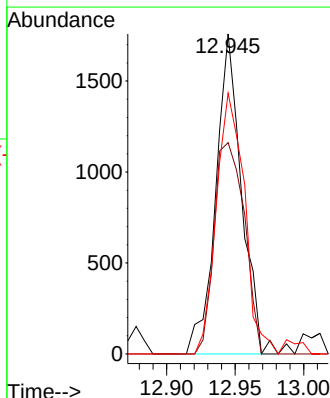
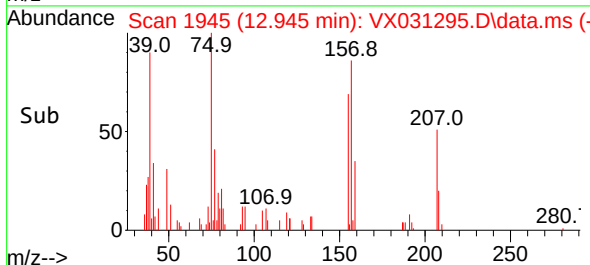
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

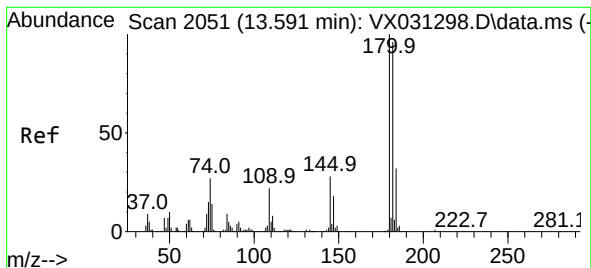


#92
1,2-Dibromo-3-Chloropropane
Concen: 6.025 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29



Tgt Ion: 75 Resp: 2295
Ion Ratio Lower Upper
75 100
155 77.6 45.1 135.3
157 88.8 60.2 180.4





#93

1,2,4-Trichlorobenzene

Concen: 5.211 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

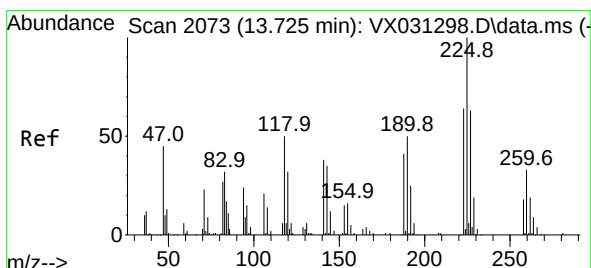
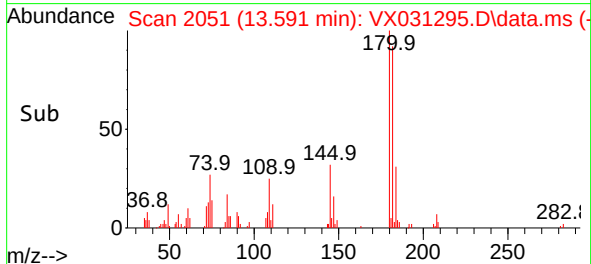
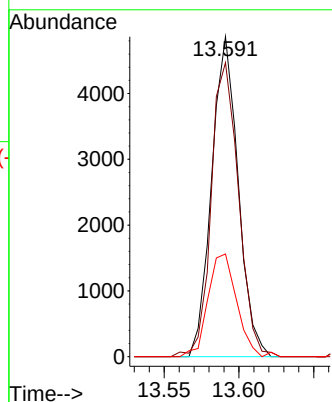
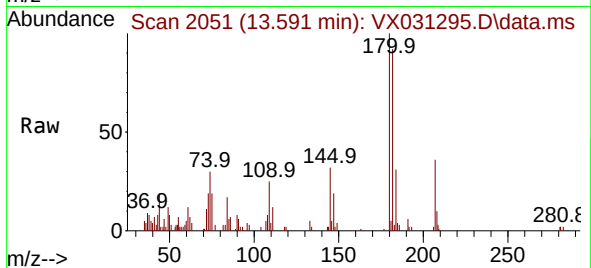
Tgt Ion:	180	Resp:	600
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.6	139.8
145	34.8	14.4	43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#94

Hexachlorobutadiene

Concen: 5.406 ug/l

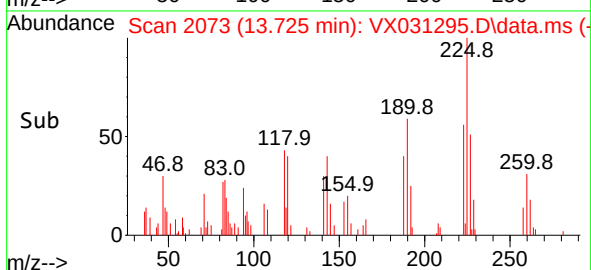
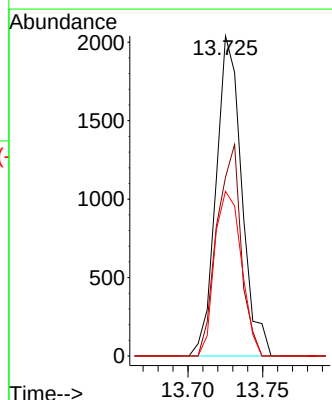
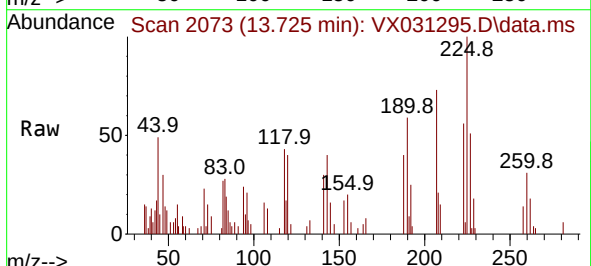
RT: 13.725 min Scan# 2073

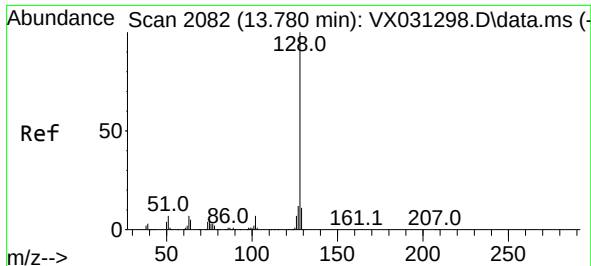
Delta R.T. 0.000 min

Lab File: VX031295.D

Acq: 13 Sep 2022 17:29

Tgt Ion:	225	Resp:	2434
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.5	97.4
227	53.6	32.4	97.2





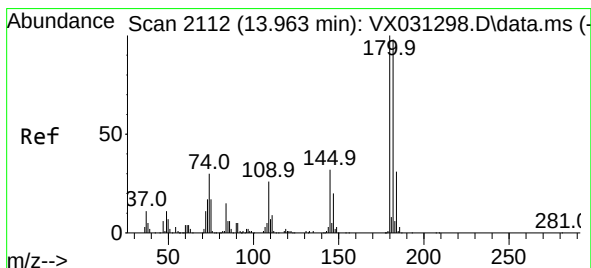
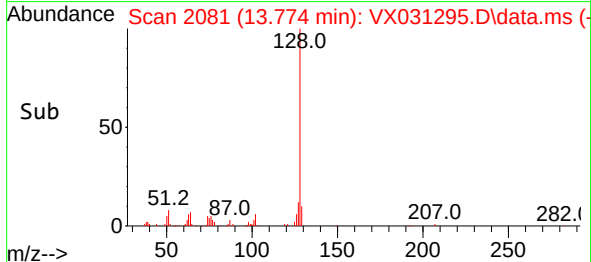
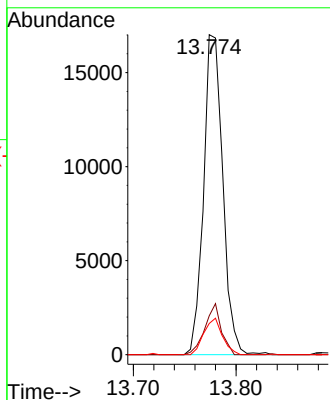
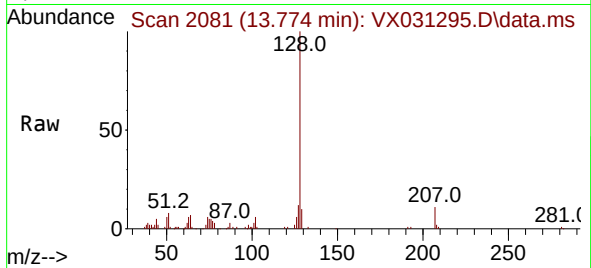
#95
Naphthalene
Concen: 4.978 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	2212
Ion Ratio	Lower	Upper
128	100	
127	13.6	9.9 14.9
129	11.0	8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.071 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031295.D
Acq: 13 Sep 2022 17:29

Tgt Ion:180	Resp:	6138
Ion Ratio	Lower	Upper
180	100	
182	90.8	48.8 146.3
145	31.1	15.7 47.0

