

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031828.D
 Acq On : 03 Oct 2022 11:22
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 04 06:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	99382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84428	40.142	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.280%		
35) Dibromofluoromethane	5.385	113	84381	42.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.100%		
50) Toluene-d8	8.653	98	308185	43.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.240%		
62) 4-Bromofluorobenzene	11.079	95	112152	43.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65486	47.237	ug/l	100
3) Chloromethane	1.288	50	60883	41.058	ug/l	98
4) Vinyl Chloride	1.373	62	80517	43.472	ug/l	99
5) Bromomethane	1.611	94	57597	37.478	ug/l	97
6) Chloroethane	1.690	64	77026	40.063	ug/l	98
7) Trichlorofluoromethane	1.885	101	156995	41.959	ug/l	99
8) Diethyl Ether	2.129	74	50413	39.319	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.330	101	68874	42.384	ug/l	89
10) Methyl Iodide	2.452	142	80635	46.175	ug/l	100
11) Tert butyl alcohol	3.013	59	58533m	208.117	ug/l	
12) 1,1-Dichloroethene	2.318	96	64609	42.015	ug/l	86
13) Acrolein	2.239	56	34998	201.464	ug/l	99
14) Allyl chloride	2.666	41	81359	41.003	ug/l #	93
15) Acrylonitrile	3.068	53	153486	206.511	ug/l	97
16) Acetone	2.391	43	112895	195.543	ug/l	91
17) Carbon Disulfide	2.507	76	172839	41.100	ug/l	99
18) Methyl Acetate	2.708	43	75331	39.324	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	216375	41.621	ug/l	94
20) Methylene Chloride	2.788	84	71190	40.169	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	76824	41.952	ug/l	86
22) Diisopropyl ether	3.763	45	180026	42.347	ug/l #	88
23) Vinyl Acetate	3.720	43	690161	213.916	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	116211	40.892	ug/l	95
25) 2-Butanone	4.568	43	189691	203.435	ug/l #	84
26) 2,2-Dichloropropane	4.476	77	101855	42.281	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	91371	42.592	ug/l	80
28) Bromochloromethane	4.897	49	49475	41.936	ug/l #	53
29) Tetrahydrofuran	5.007	42	121279	209.694	ug/l #	76
30) Chloroform	5.092	83	144812	42.376	ug/l	99
31) Cyclohexane	5.470	56	103262	45.240	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	136255	42.892	ug/l	95
36) 1,1-Dichloropropene	5.696	75	101868	44.349	ug/l	93
37) Ethyl Acetate	4.714	43	78514	43.582	ug/l #	94
38) Carbon Tetrachloride	5.677	117	130746	45.826	ug/l	96
39) Methylcyclohexane	7.378	83	130887	48.385	ug/l #	87
40) Benzene	6.037	78	298962	43.904	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	41445	42.316	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	100775	42.059	ug/l	93
43) Isopropyl Acetate	6.342	43	125915	42.844	ug/l #	90
44) Trichloroethene	7.122	130	97423	44.475	ug/l	88
45) 1,2-Dichloropropane	7.433	63	68917	42.993	ug/l	94
46) Dibromomethane	7.580	93	58665	43.261	ug/l #	85
47) Bromodichloromethane	7.823	83	115966	43.142	ug/l	98
48) Methyl methacrylate	7.695	41	59241	45.020	ug/l #	83
49) 1,4-Dioxane	7.714	88	37586	892.933	ug/l #	82
51) 4-Methyl-2-Pentanone	8.573	43	401723	219.246	ug/l	89
52) Toluene	8.720	92	212546	44.640	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	117023	45.284	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	126562	44.763	ug/l #	85
55) 1,1,2-Trichloroethane	9.152	97	85429	44.168	ug/l	97
56) Ethyl methacrylate	9.116	69	106720	46.963	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	131019	43.897	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	265511	228.208	ug/l #	83
59) 2-Hexanone	9.433	43	296652	222.584	ug/l	86
60) Dibromochloromethane	9.524	129	106577	44.918	ug/l	98
61) 1,2-Dibromoethane	9.610	107	96088	44.662	ug/l	99
64) Tetrachloroethene	9.274	164	101861	44.671	ug/l	96
65) Chlorobenzene	10.079	112	242679	43.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	95761	44.067	ug/l	98
67) Ethyl Benzene	10.195	91	406263	44.772	ug/l	95
68) m/p-Xylenes	10.305	106	347707	92.455	ug/l	90
69) o-Xylene	10.640	106	168041	46.097	ug/l	88
70) Styrene	10.658	104	277113	46.346	ug/l	94
71) Bromoform	10.798	173	83990	44.925	ug/l #	99
73) Isopropylbenzene	10.963	105	435045	43.037	ug/l	98
74) N-amyl acetate	10.841	43	104778	42.175	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	120967	41.052	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	105897m	42.345	ug/l	
77) Bromobenzene	11.201	156	117565	42.543	ug/l	82
78) n-propylbenzene	11.304	91	480019	43.619	ug/l	95
79) 2-Chlorotoluene	11.365	91	281167	41.791	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	370654	43.723	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	35401	42.785	ug/l	90
82) 4-Chlorotoluene	11.457	91	328200	42.205	ug/l	92
83) tert-Butylbenzene	11.713	119	381303	44.761	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	371772	43.859	ug/l	95
85) sec-Butylbenzene	11.890	105	453908	45.027	ug/l	97
86) p-Isopropyltoluene	12.012	119	406145	45.773	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	226673	44.101	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	228260	42.634	ug/l	97
89) n-Butylbenzene	12.335	91	312397	44.975	ug/l	96
90) Hexachloroethane	12.536	117	71513	44.428	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	225325	43.812	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	26090	41.916	ug/l	60
93) 1,2,4-Trichlorobenzene	13.591	180	145299	46.494	ug/l	98
94) Hexachlorobutadiene	13.725	225	57835	46.829	ug/l	98
95) Naphthalene	13.774	128	458565	46.301	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	142868	46.926	ug/l	98

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

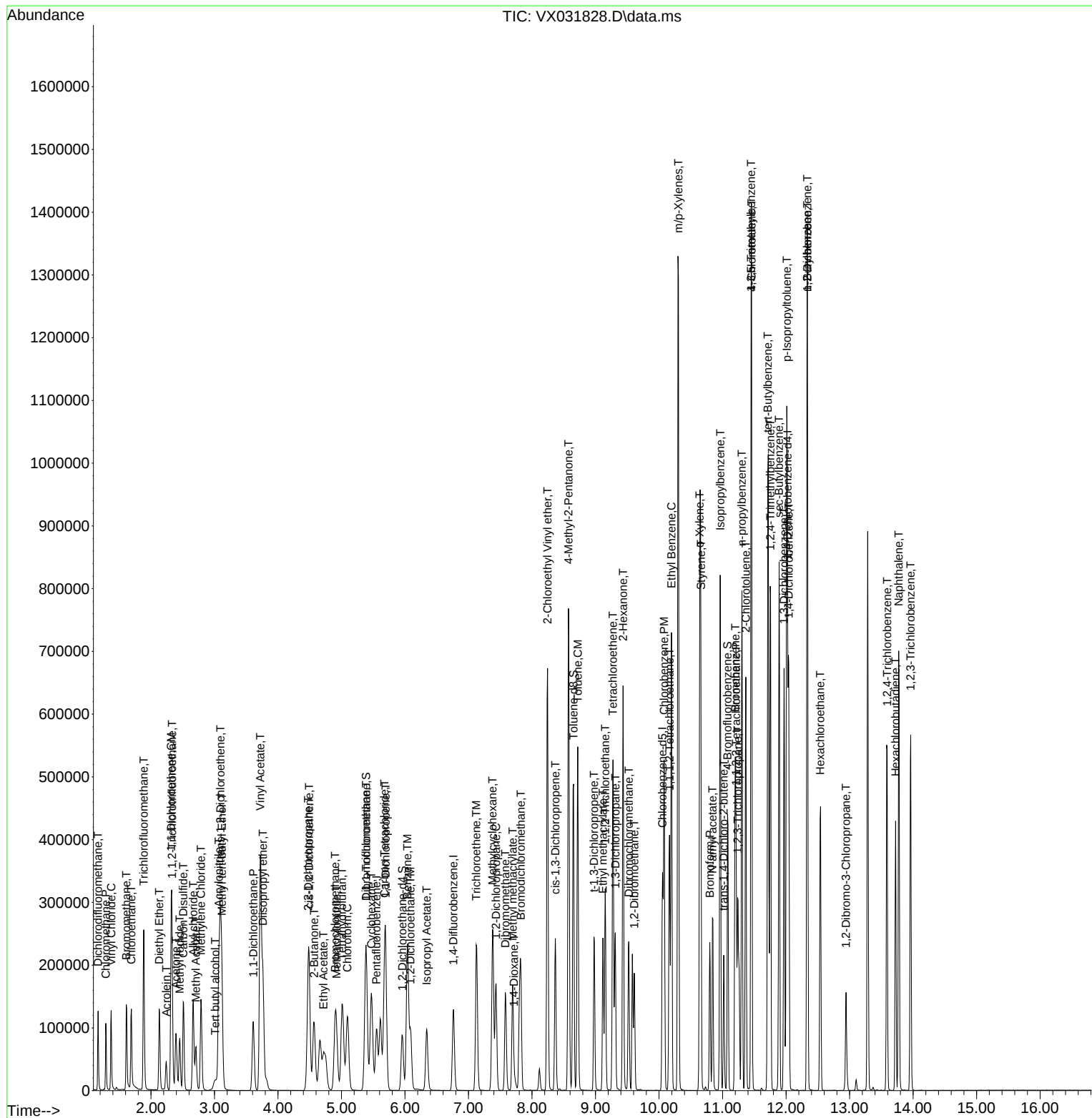
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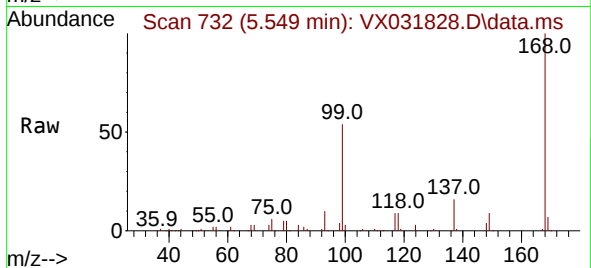
Reviewed By : John Carlone 10/04/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX031828.D
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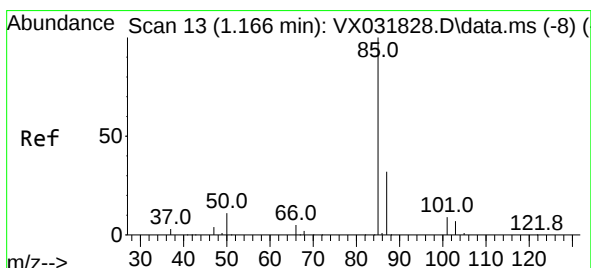
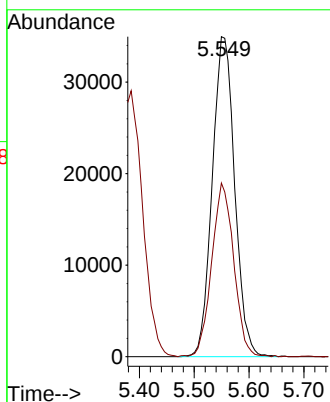
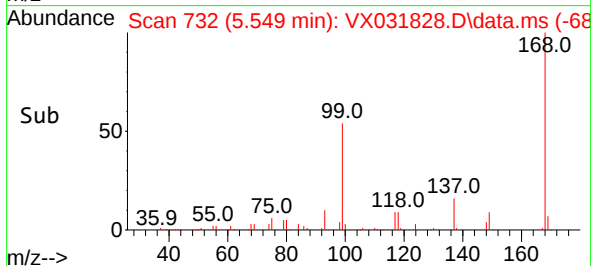
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 9938
Ion Ratio Lower Upper
168 100
99 54.2 48.8 73.2

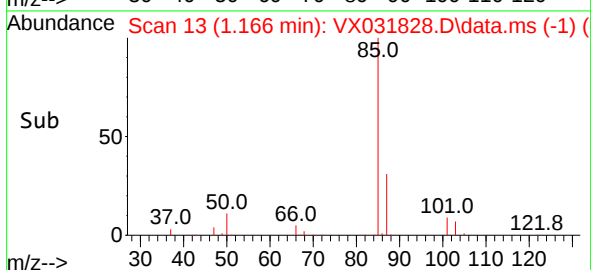
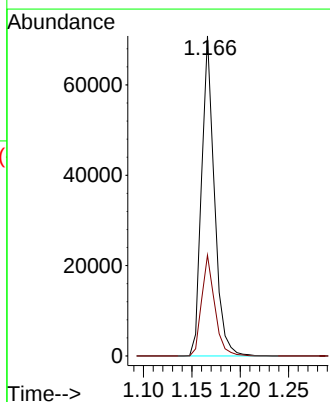
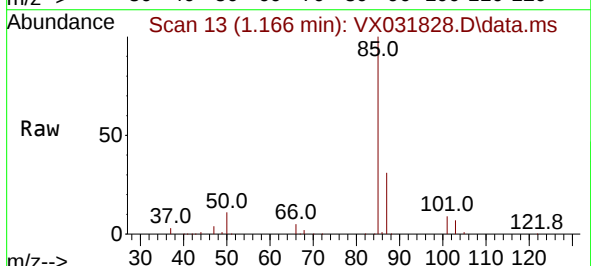
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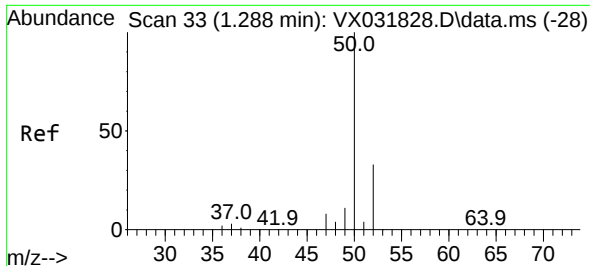
Reviewed By :John Carlone 10/04/2022
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#2
Dichlorodifluoromethane
Concen: 47.237 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion: 85 Resp: 65486
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





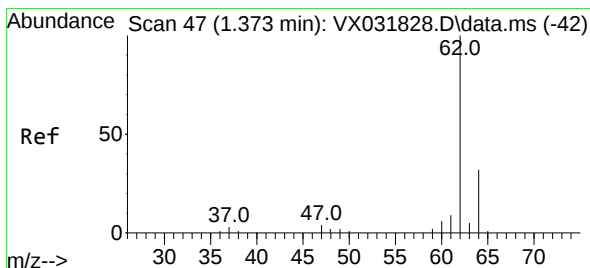
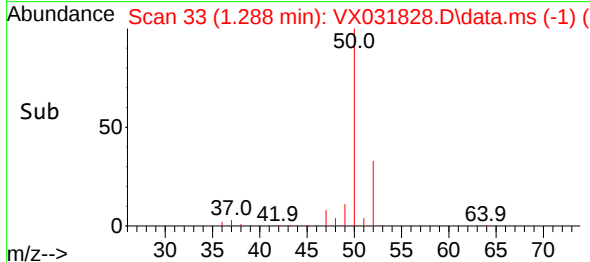
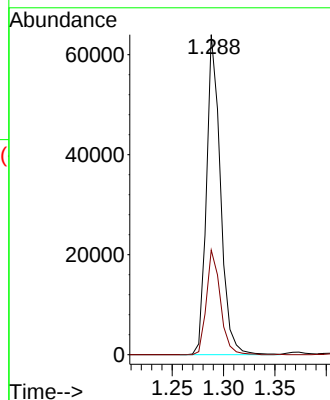
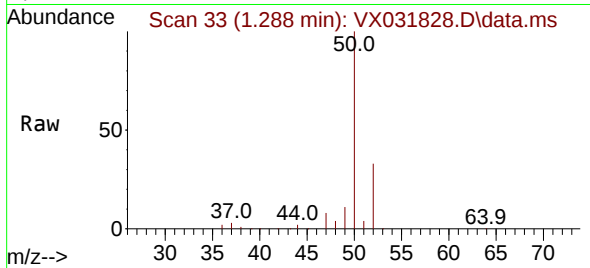
#3
Chloromethane
Concen: 41.058 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 6088
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

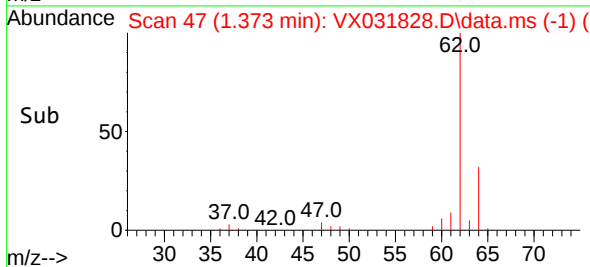
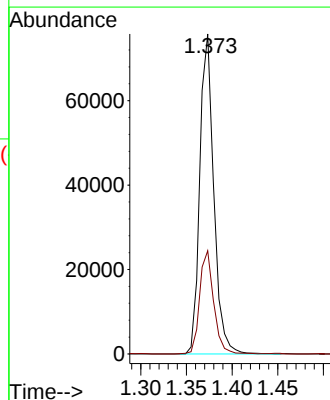
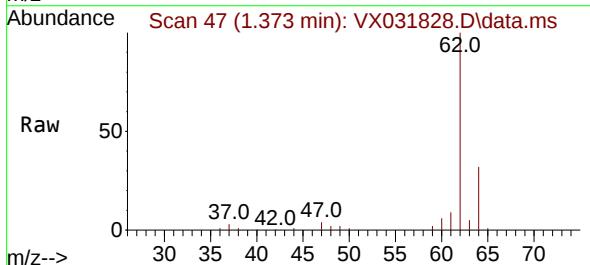
Manual Integrations
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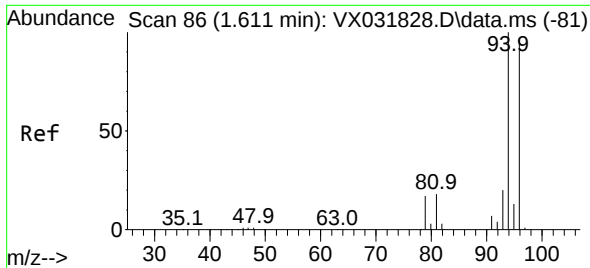
Reviewed By :John Carlone 10/04/2022
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#4
Vinyl Chloride
Concen: 43.472 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion: 62 Resp: 80517
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





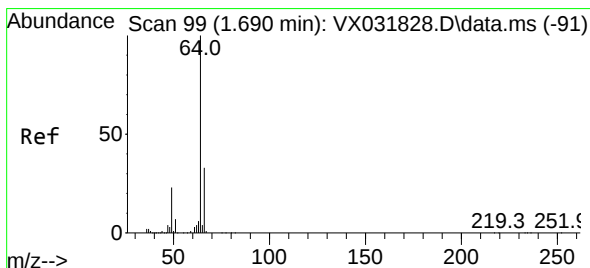
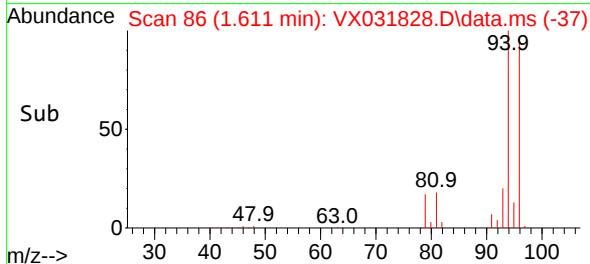
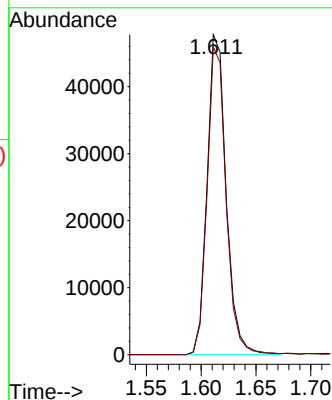
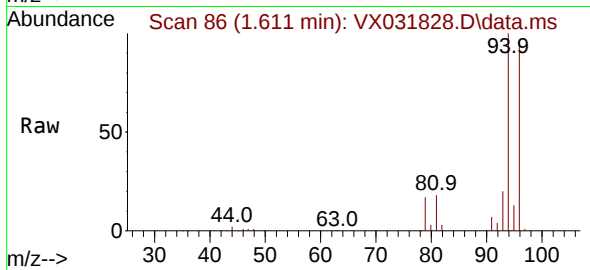
#5
Bromomethane
Concen: 37.478 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
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Tgt Ion: 94 Resp: 5759
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6

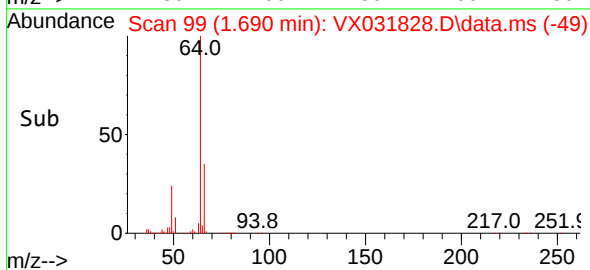
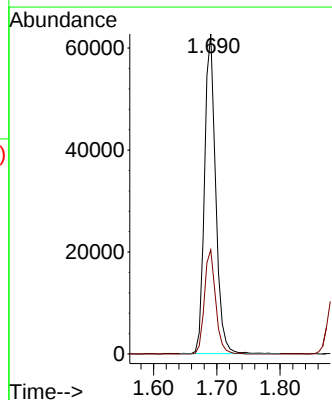
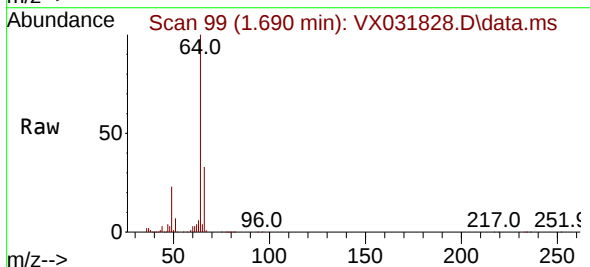
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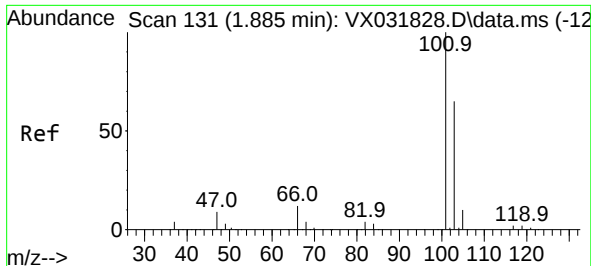
Reviewed By :John Carlone 10/04/2022
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#6
Chloroethane
Concen: 40.063 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

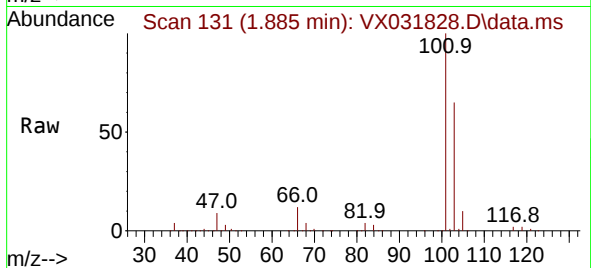
Tgt Ion: 64 Resp: 77026
Ion Ratio Lower Upper
64 100
66 32.6 25.0 37.4





#7
Trichlorofluoromethane
Concen: 41.959 ug/l
RT: 1.885 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

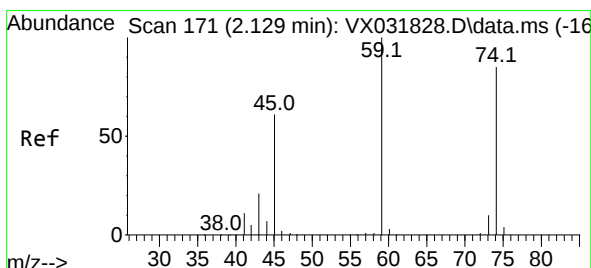
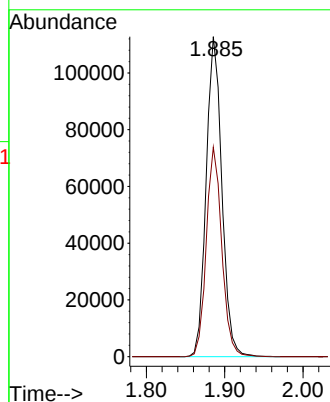
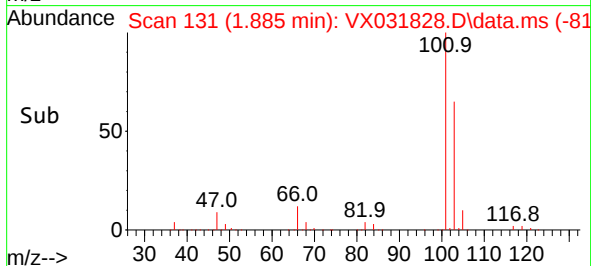
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 15699
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

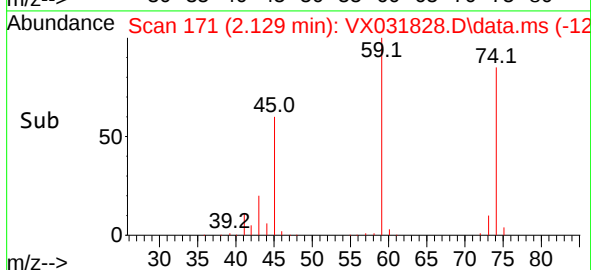
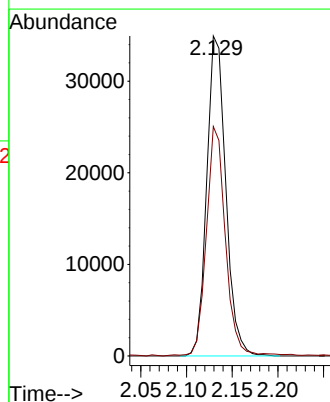
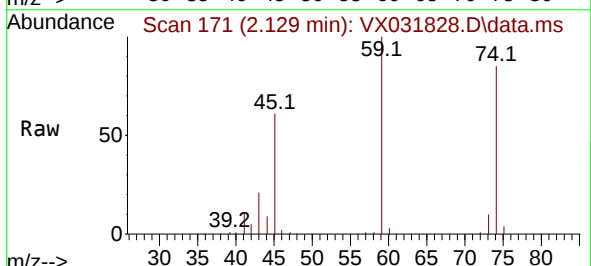
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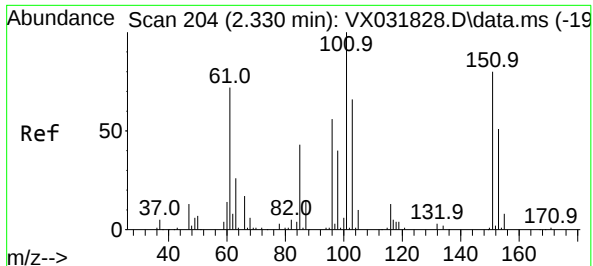
Reviewed By :John Carlone 10/04/2022
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#8
Diethyl Ether
Concen: 39.319 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion: 74 Resp: 50413
Ion Ratio Lower Upper
74 100
45 72.3 48.5 145.6





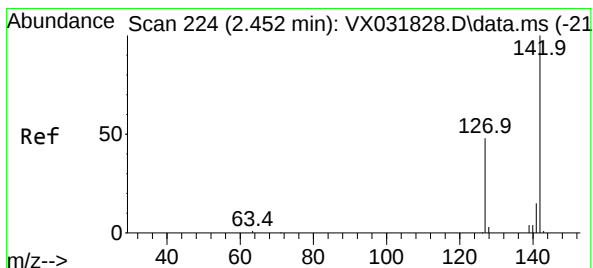
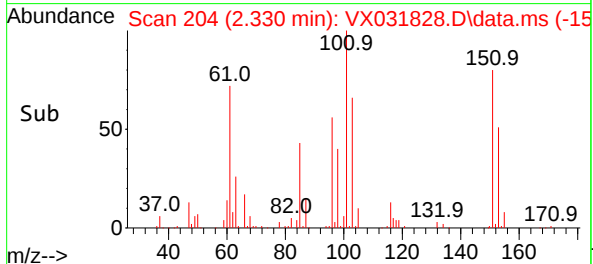
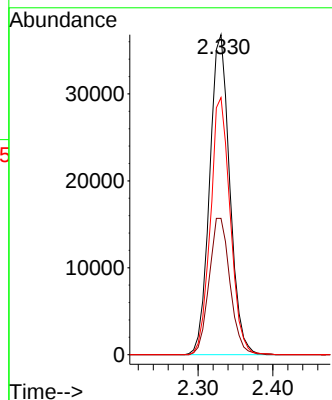
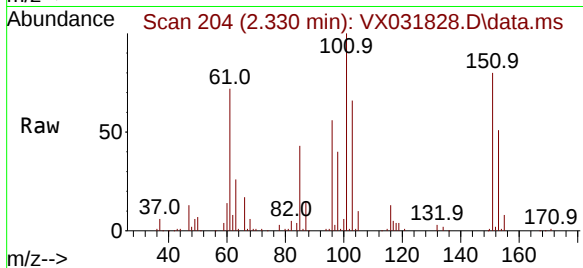
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.384 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 68874
Ion Ratio Lower Upper
101 100
85 44.2 38.6 57.8
151 79.0 54.0 81.0

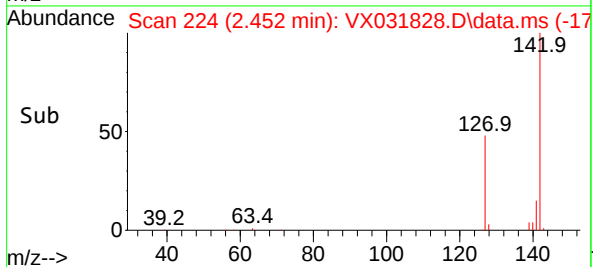
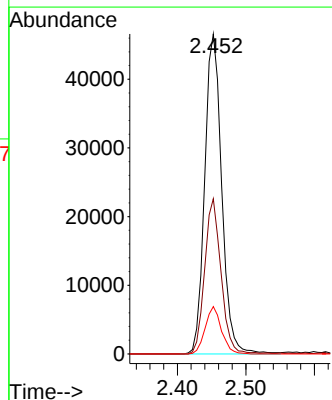
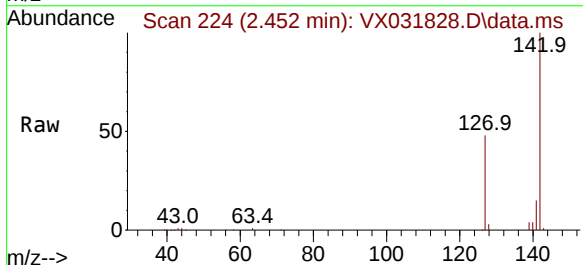
Manual Integrations
APPROVED

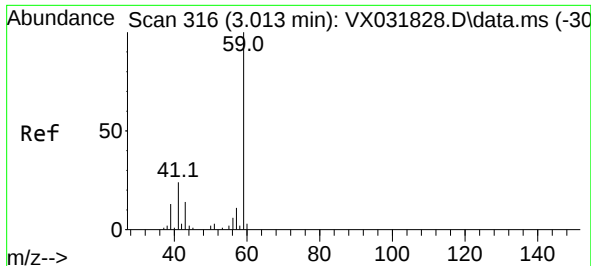
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 46.175 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

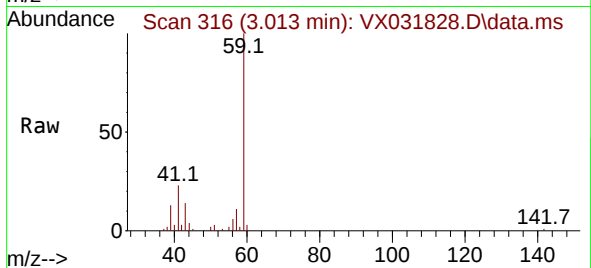
Tgt Ion:142 Resp: 80635
Ion Ratio Lower Upper
142 100
127 46.6 37.4 56.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 208.117 ug/l m
RT: 3.013 min Scan# 316
Delta R.T. -0.067 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

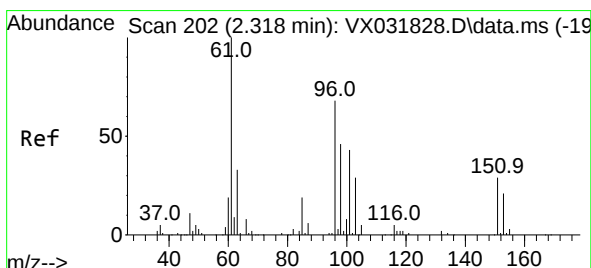
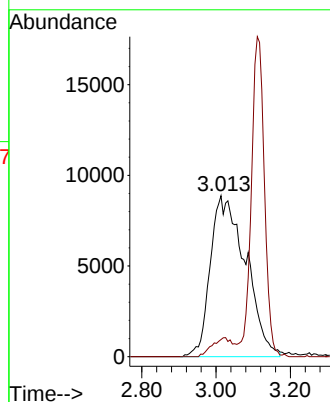
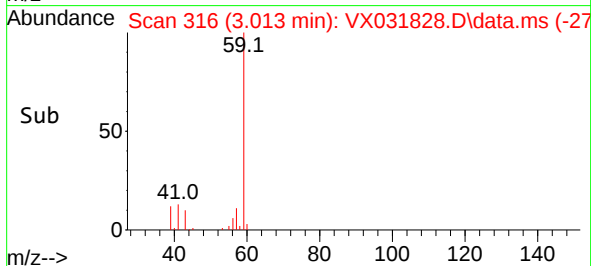
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



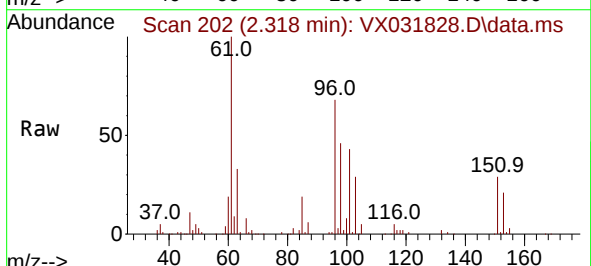
Tgt Ion: 59 Resp: 5853
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.2

Manual Integrations
APPROVED

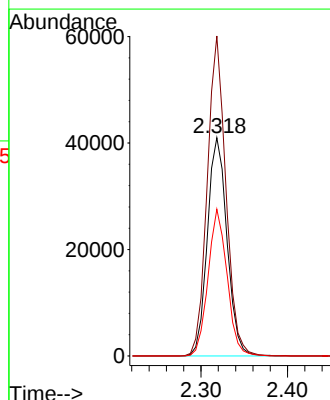
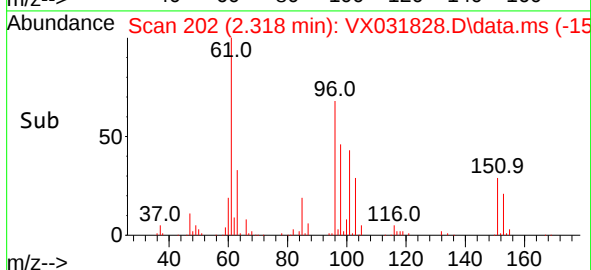
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

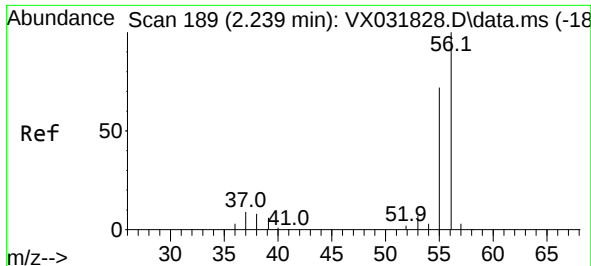


#12
1,1-Dichloroethene
Concen: 42.015 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22



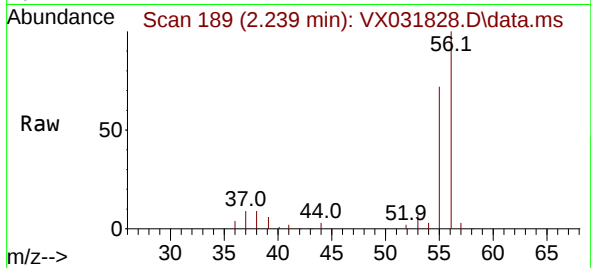
Tgt Ion: 96 Resp: 64609
Ion Ratio Lower Upper
96 100
61 146.6 135.3 202.9
98 67.2 49.4 74.2





#13
Acrolein
Concen: 201.464 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

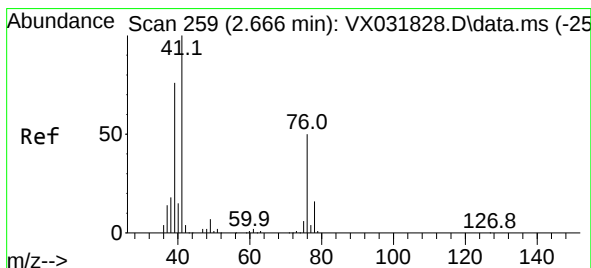
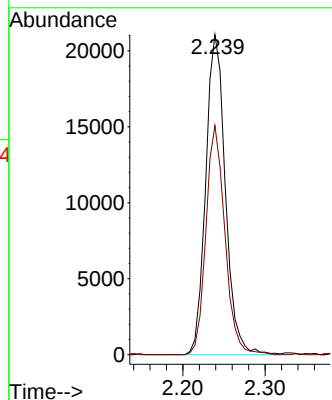
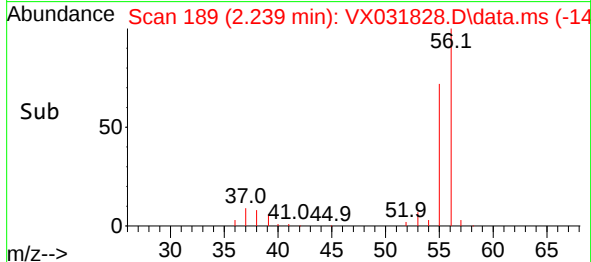
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 3498
Ion Ratio Lower Upper
56 100
55 69.1 56.0 84.0

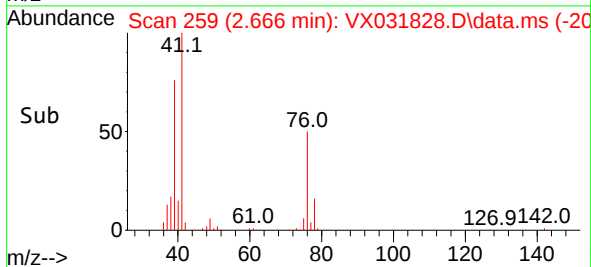
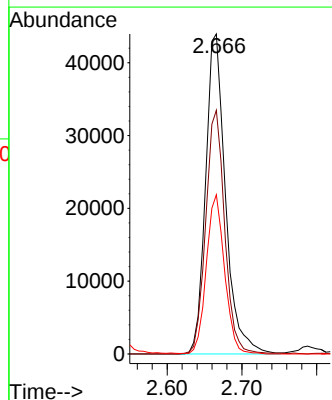
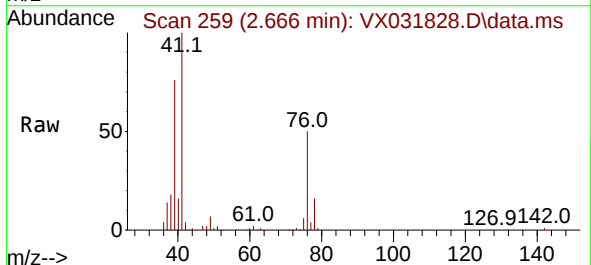
Manual Integrations
APPROVED

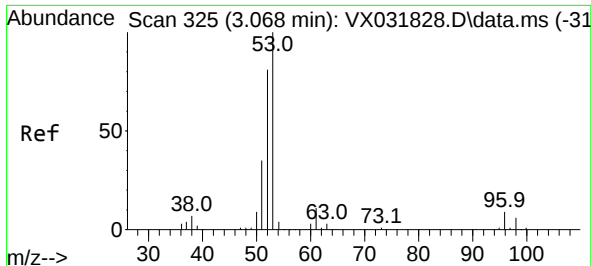
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 41.003 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

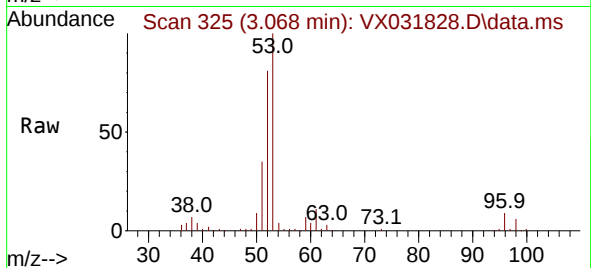
Tgt Ion: 41 Resp: 81359
Ion Ratio Lower Upper
41 100
39 72.6 58.2 87.4
76 45.6 26.9 40.3#





#15
Acrylonitrile
Concen: 206.511 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

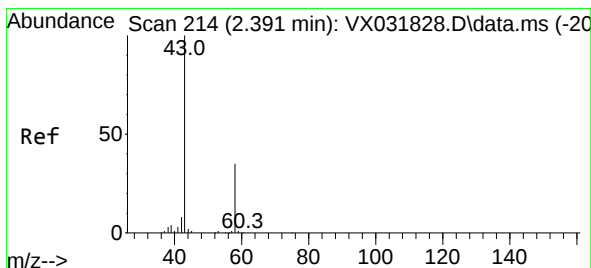
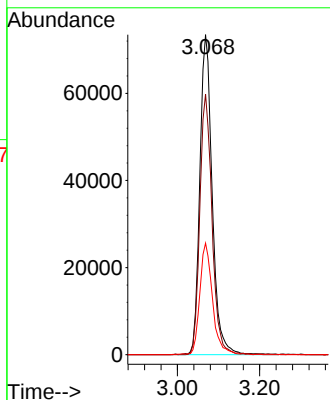
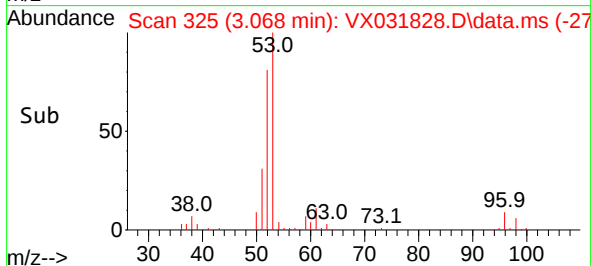
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 153480
Ion Ratio Lower Upper
53 100
52 80.3 66.9 100.3
51 36.0 30.0 45.0

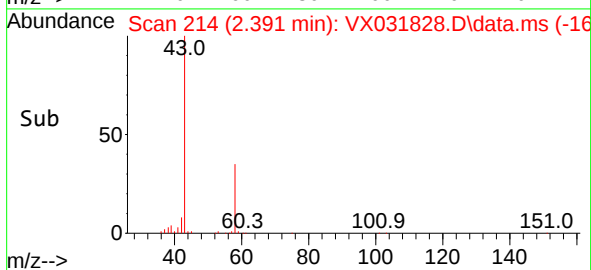
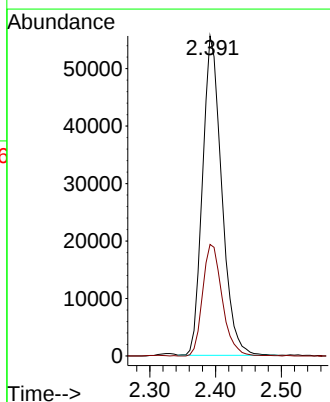
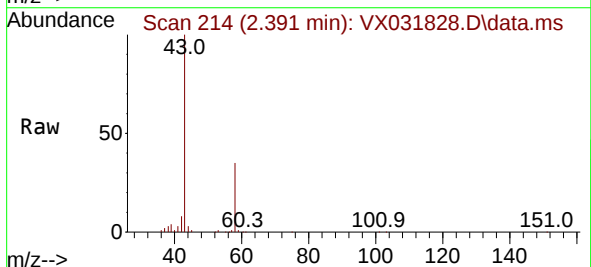
Manual Integrations
APPROVED

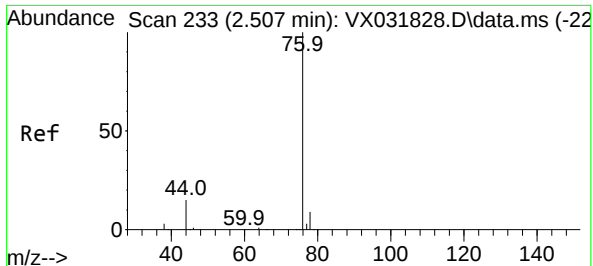
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 195.543 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

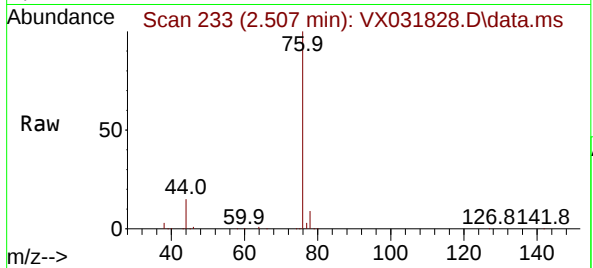
Tgt Ion: 43 Resp: 112895
Ion Ratio Lower Upper
43 100
58 34.9 23.8 35.8





#17
Carbon Disulfide
Concen: 41.100 ug/l
RT: 2.507 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

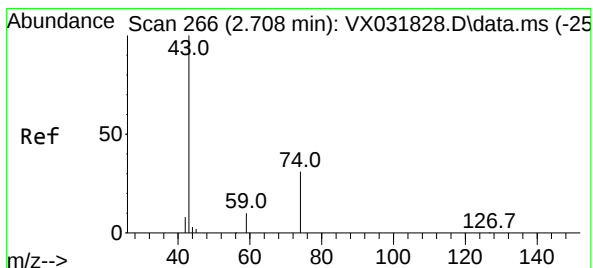
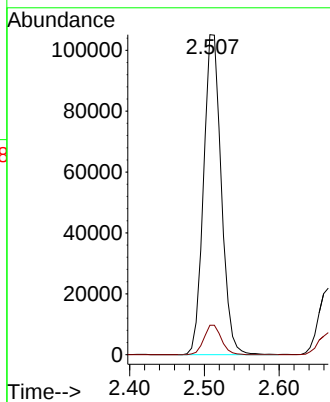
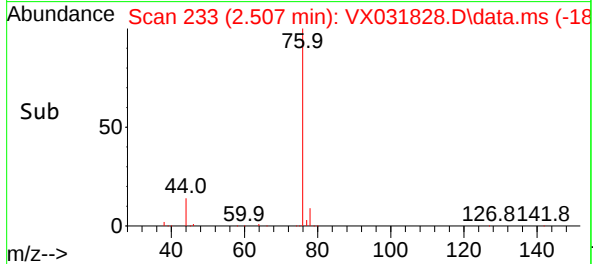
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



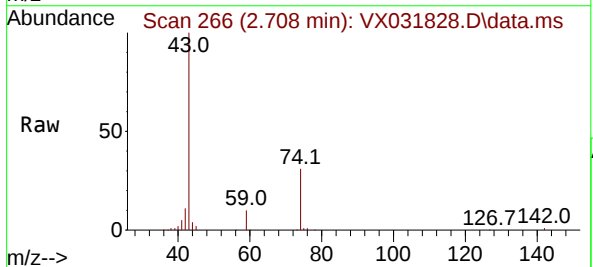
Tgt Ion: 76 Resp: 172839
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

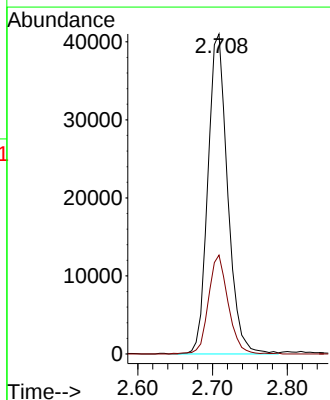
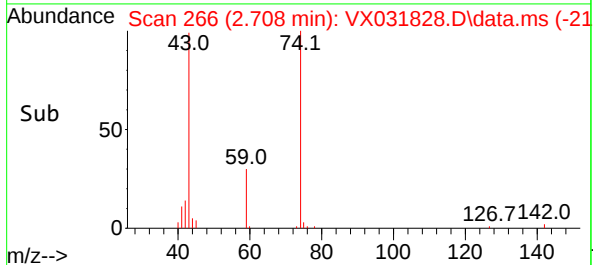
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 39.324 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22



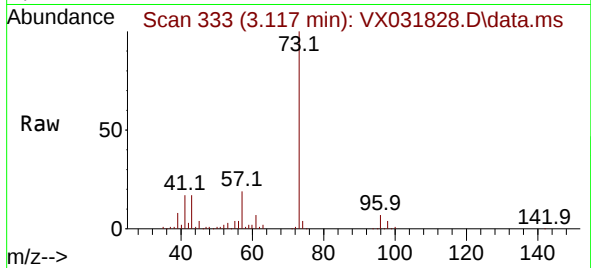
Tgt Ion: 43 Resp: 75331
Ion Ratio Lower Upper
43 100
74 30.9 18.6 27.8#





#19
Methyl tert-butyl Ether
Concen: 41.621 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

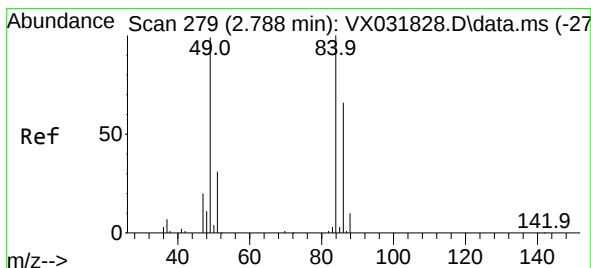
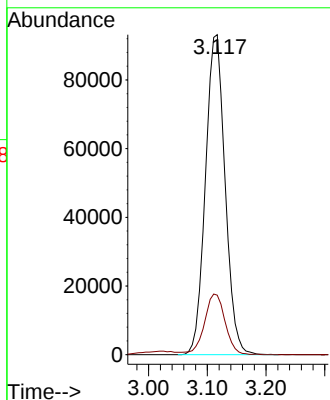
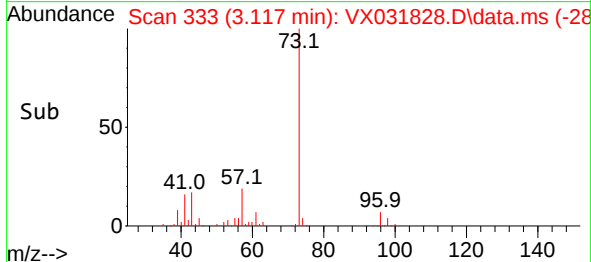
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 216375
Ion Ratio Lower Upper
73 100
57 18.6 17.2 25.8

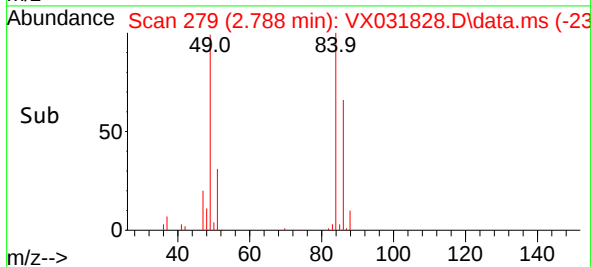
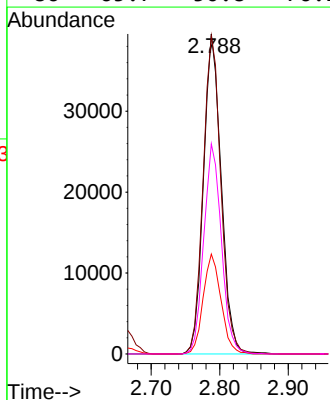
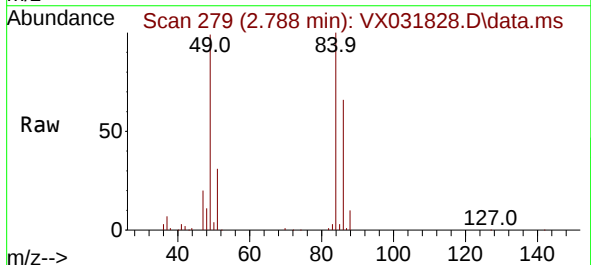
Manual Integrations
APPROVED

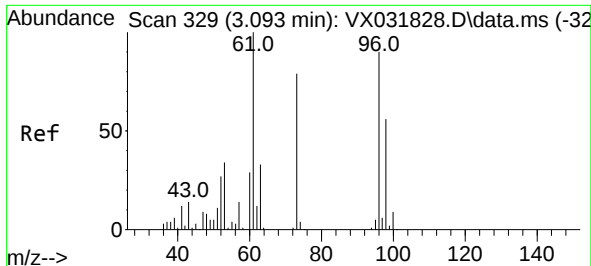
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 40.169 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

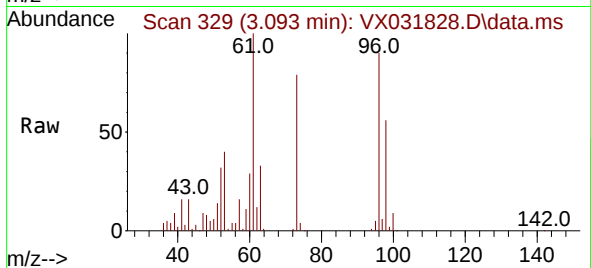
Tgt Ion: 84 Resp: 71190
Ion Ratio Lower Upper
84 100
49 99.4 105.9 158.9#
51 31.2 32.2 48.2#
86 65.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 41.952 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

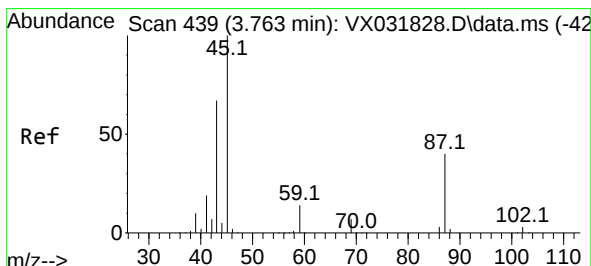
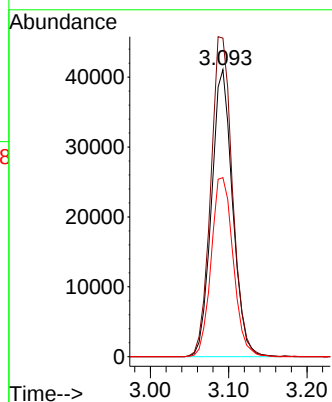
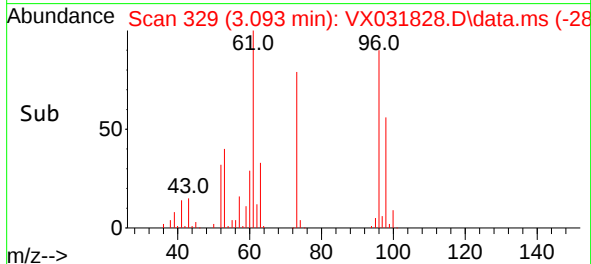
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 76824
Ion Ratio Lower Upper
96 100
61 111.0 106.7 160.1
98 62.4 48.7 73.1

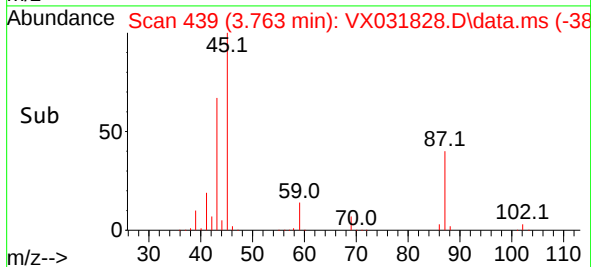
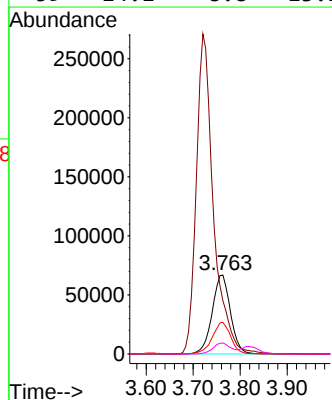
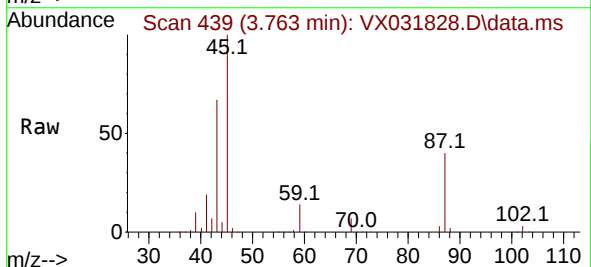
Manual Integrations
APPROVED

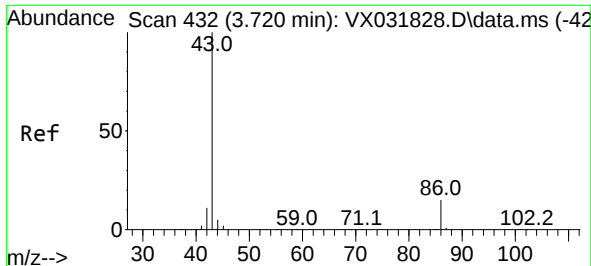
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#22
Diisopropyl ether
Concen: 42.347 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

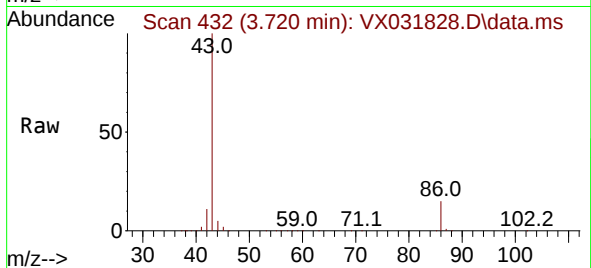
Tgt Ion: 45 Resp: 180026
Ion Ratio Lower Upper
45 100
43 67.0 59.0 88.6
87 40.0 22.6 33.8#
59 14.1 8.8 13.2#





#23
 Vinyl Acetate
 Concen: 213.916 ug/l
 RT: 3.720 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX031828.D
 Acq: 03 Oct 2022 11:22

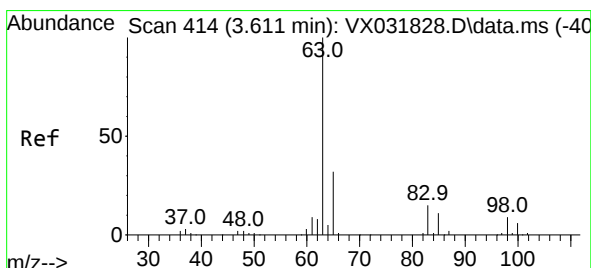
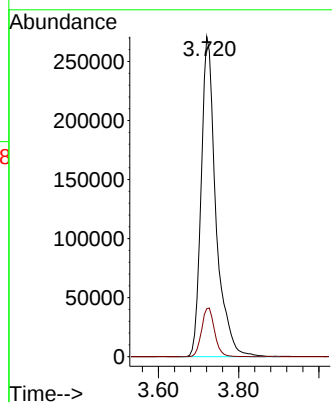
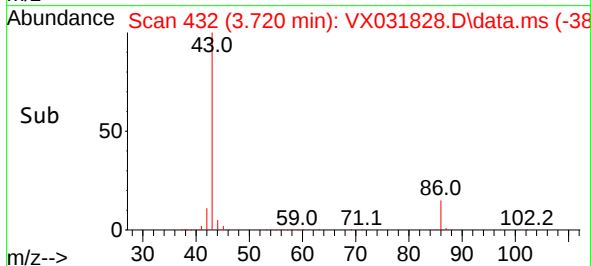
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



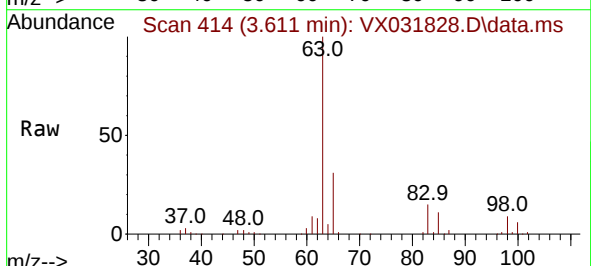
Tgt Ion: 43 Resp: 69016
 Ion Ratio Lower Upper
 43 100
 86 15.0 8.7 13.1

Manual Integrations
 APPROVED

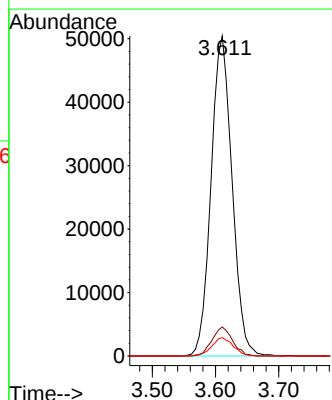
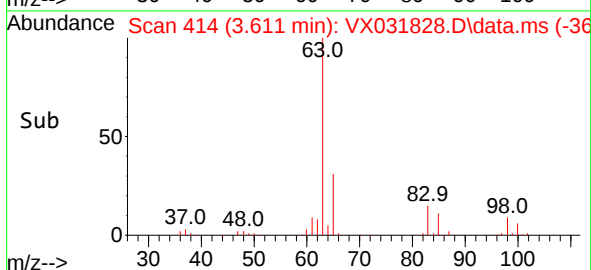
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022

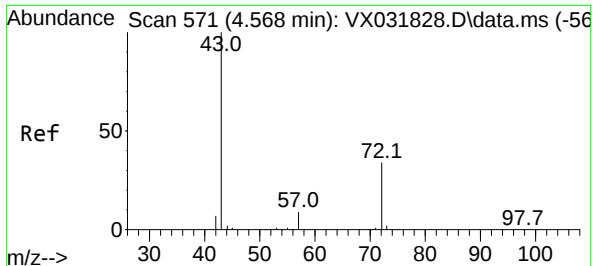


#24
 1,1-Dichloroethane
 Concen: 40.892 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX031828.D
 Acq: 03 Oct 2022 11:22



Tgt Ion: 63 Resp: 116211
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.5 10.4
 100 5.7 2.4 7.2





#25

2-Butanone

Concen: 203.435 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 18969

Ion Ratio Lower Upper

43 100

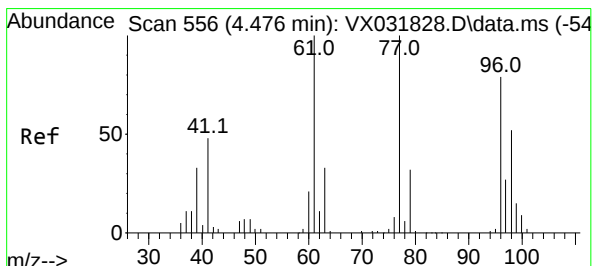
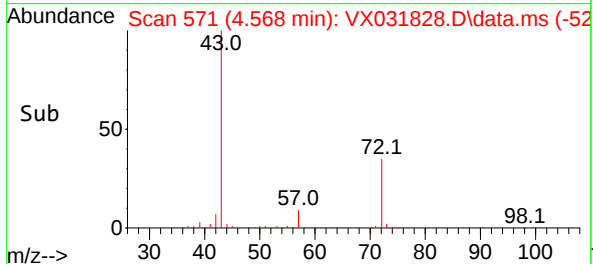
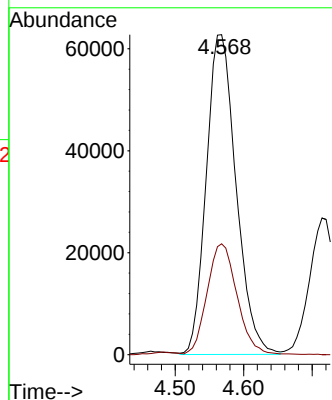
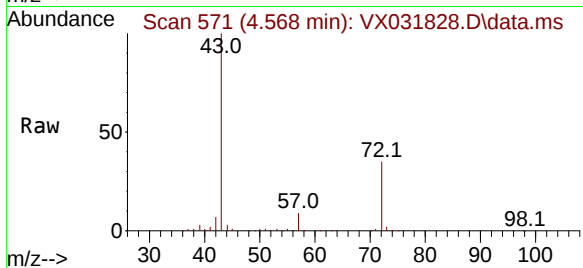
72 34.6 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 42.281 ug/l

RT: 4.476 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031828.D

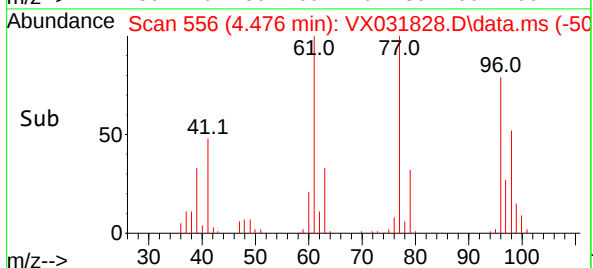
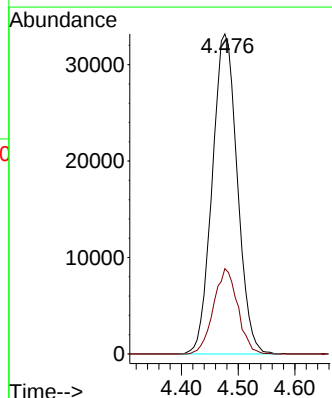
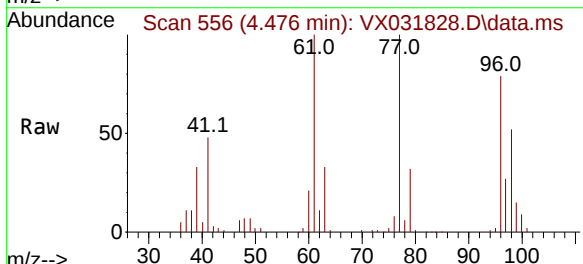
Acq: 03 Oct 2022 11:22

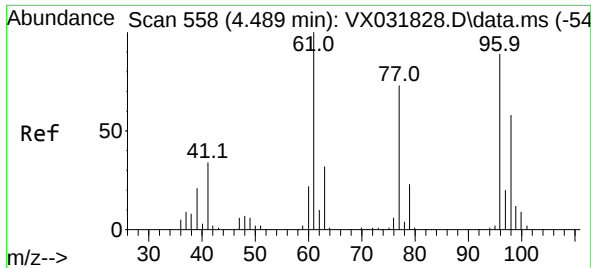
Tgt Ion: 77 Resp: 101855

Ion Ratio Lower Upper

77 100

97 25.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 42.592 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 9137

Ion Ratio Lower Upper

96 100

61 116.1 0.0 305.2

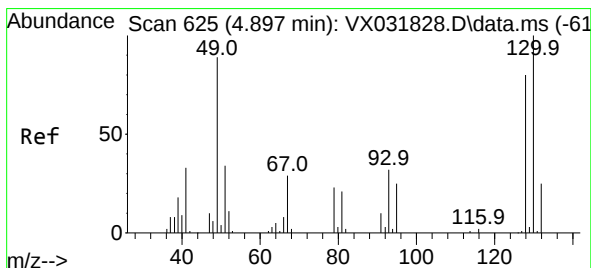
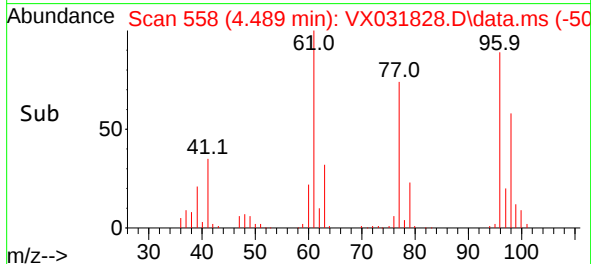
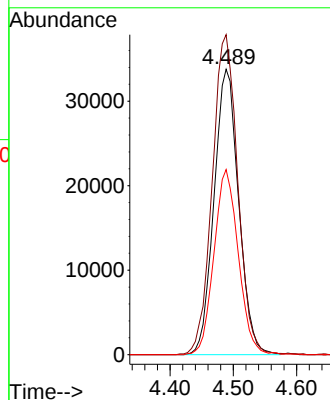
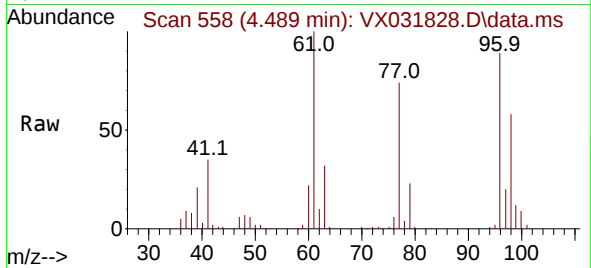
98 64.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 41.936 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

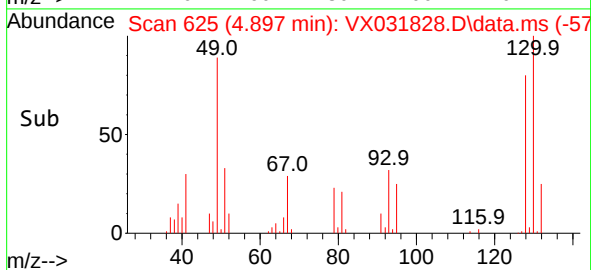
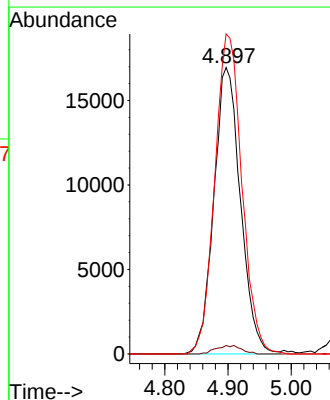
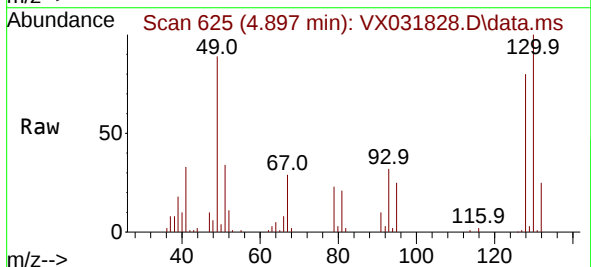
Tgt Ion: 49 Resp: 49475

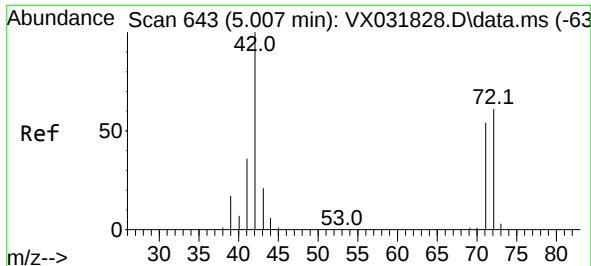
Ion Ratio Lower Upper

49 100

129 2.8 0.0 3.6

130 113.9 59.0 88.4#





#29

Tetrahydrofuran

Concen: 209.694 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 121279

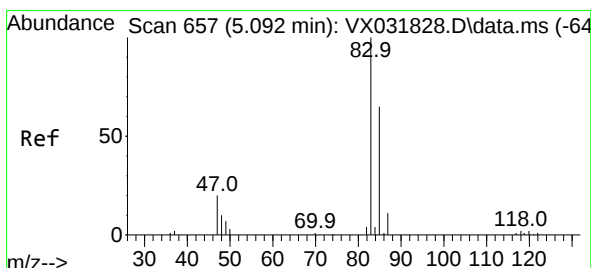
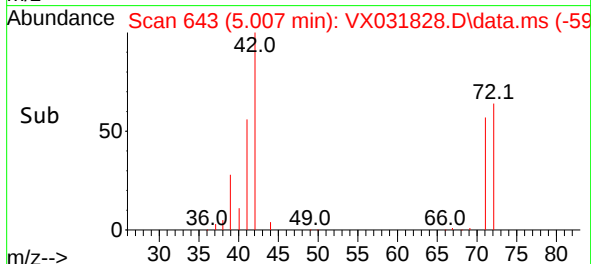
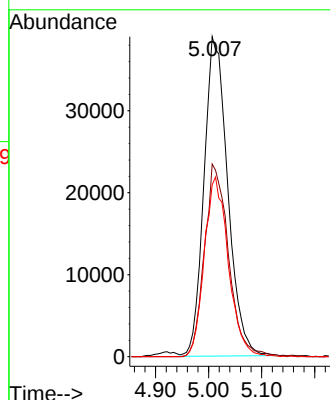
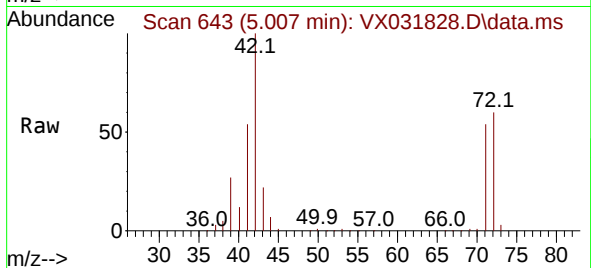
Ion	Ratio	Lower	Upper
42	100		
72	61.3	36.4	54.6
71	56.9	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 42.376 ug/l

RT: 5.092 min Scan# 657

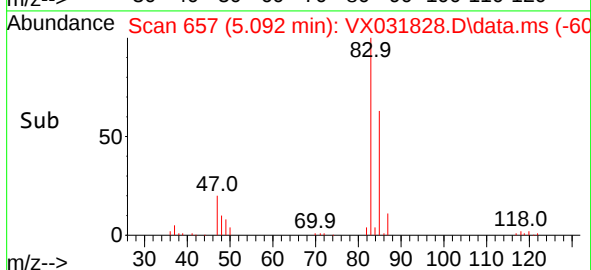
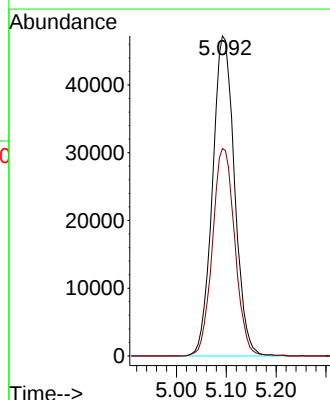
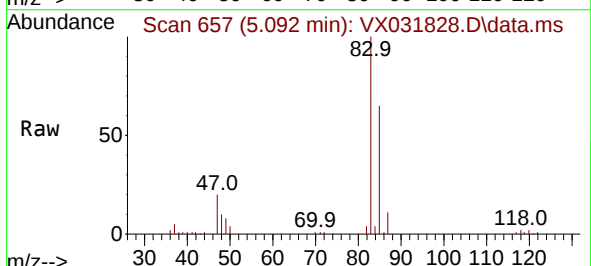
Delta R.T. -0.000 min

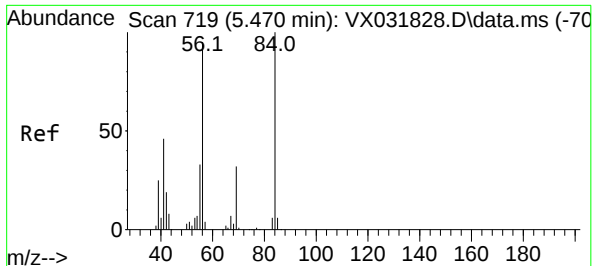
Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Tgt Ion: 83 Resp: 144812

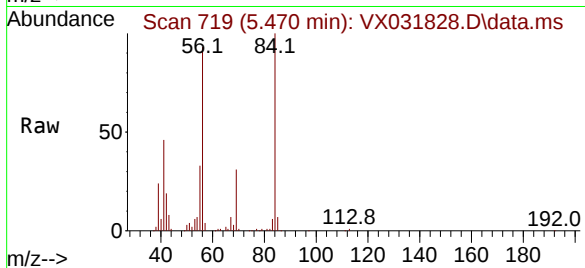
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.8	79.2





#31
Cyclohexane
Concen: 45.240 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

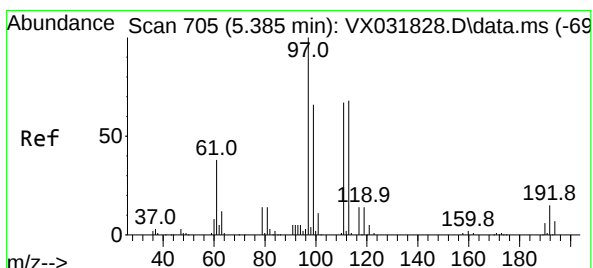
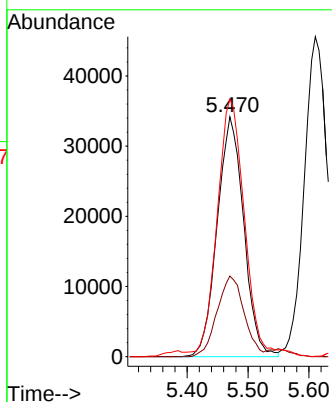
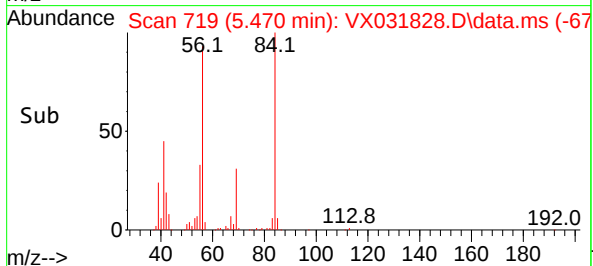
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 103262
Ion Ratio Lower Upper
56 100
69 33.6 25.1 37.7
84 104.9 70.2 105.4

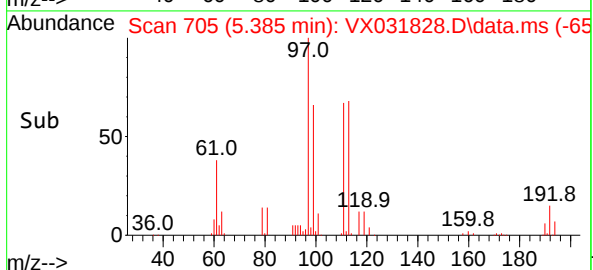
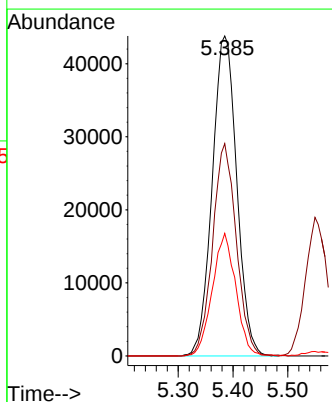
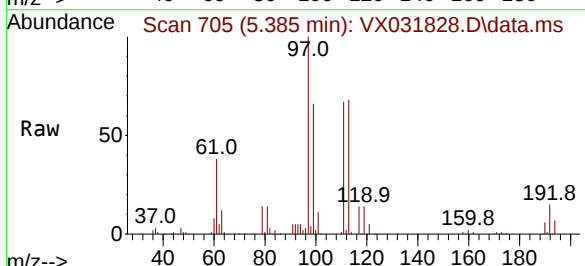
Manual Integrations
APPROVED

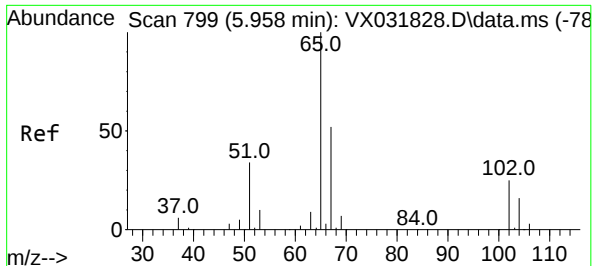
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#32
1,1,1-Trichloroethane
Concen: 42.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion: 97 Resp: 136255
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 36.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 40.142 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 84428

Ion Ratio Lower Upper

65 100

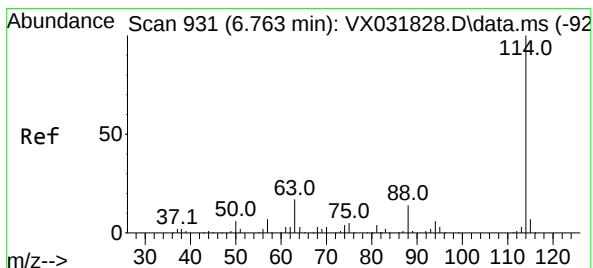
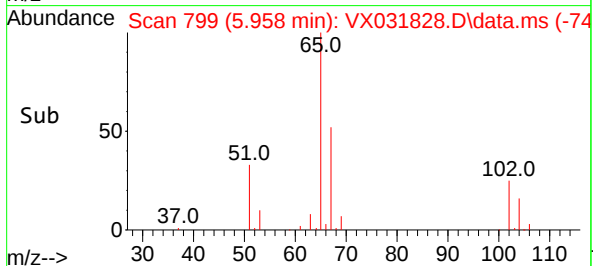
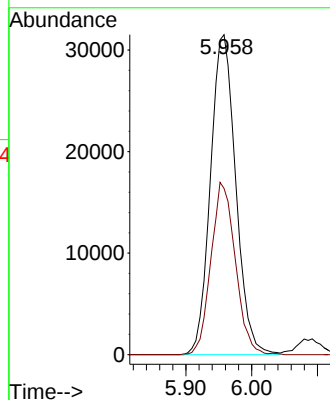
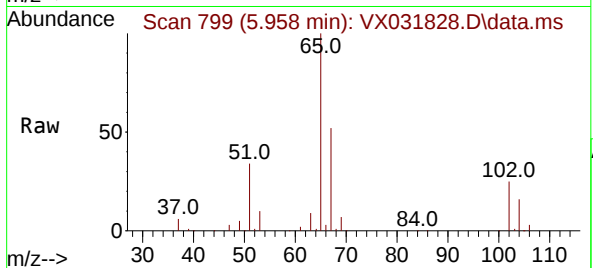
67 51.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

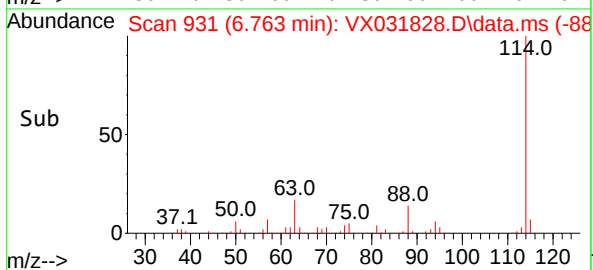
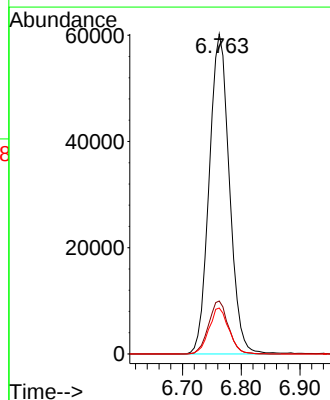
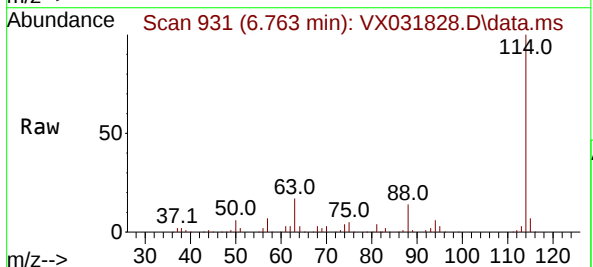
Tgt Ion:114 Resp: 143741

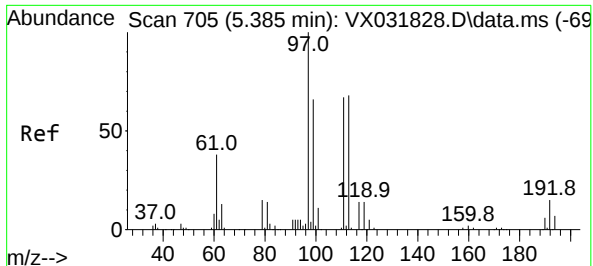
Ion Ratio Lower Upper

114 100

63 16.5 0.0 42.6

88 14.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 42.054 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 8438

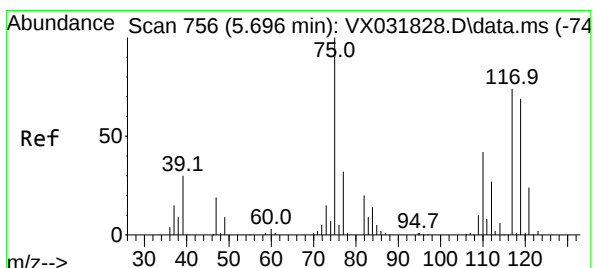
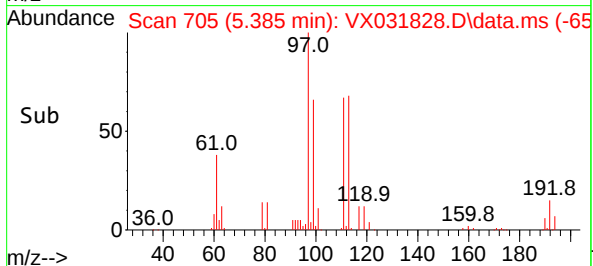
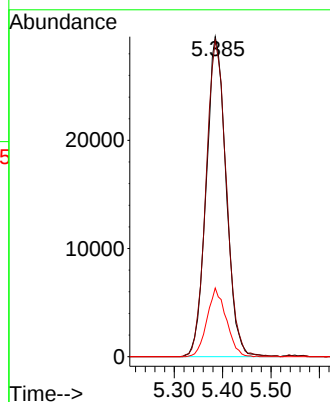
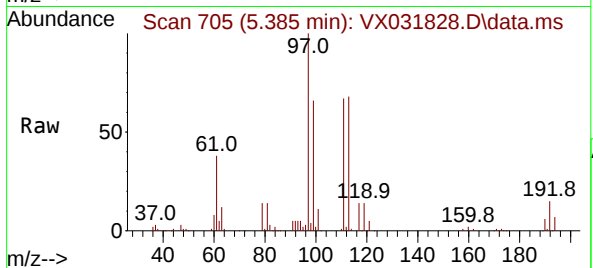
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.4	123.6
192	20.7	14.1	21.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/04/2022

Supervised By : Mahesh Dadoda 10/06/2022



#36

1,1-Dichloropropene

Concen: 44.349 ug/l

RT: 5.696 min Scan# 756

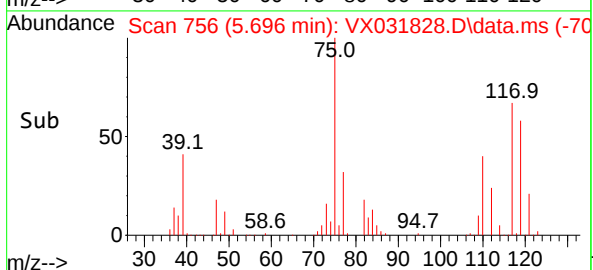
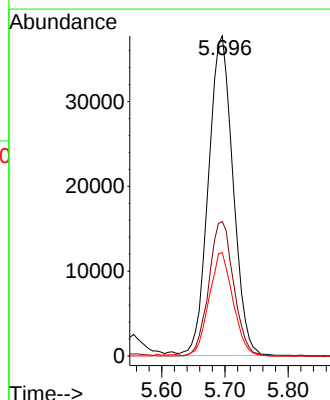
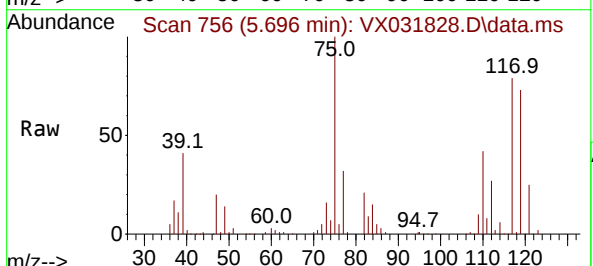
Delta R.T. -0.000 min

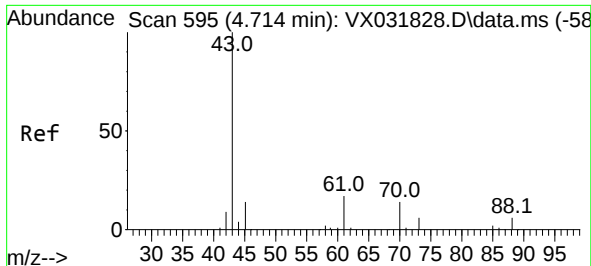
Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Tgt Ion: 75 Resp: 101868

Ion	Ratio	Lower	Upper
75	100		
110	42.4	17.5	52.5
77	31.5	24.9	37.3





#37

Ethyl Acetate

Concen: 43.582 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 78514

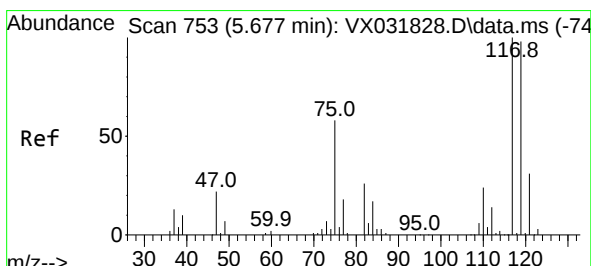
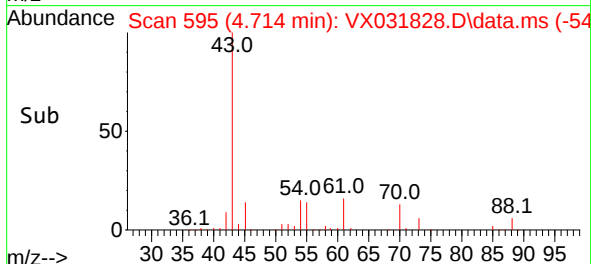
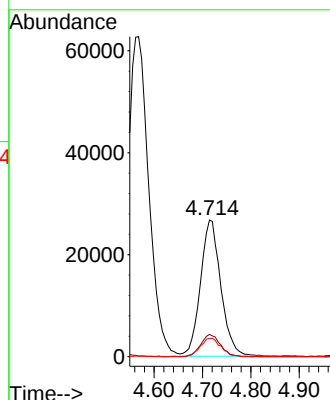
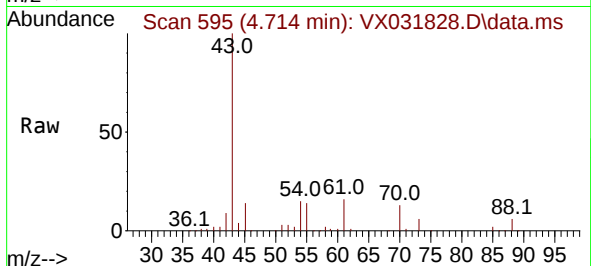
Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.1	16.7
70	13.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 45.826 ug/l

RT: 5.677 min Scan# 753

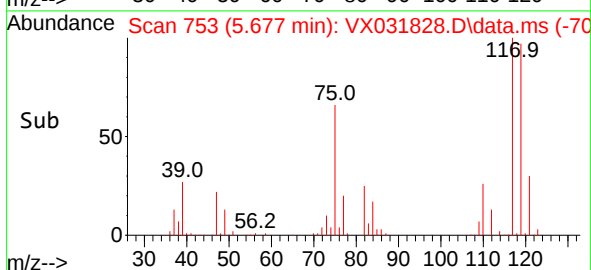
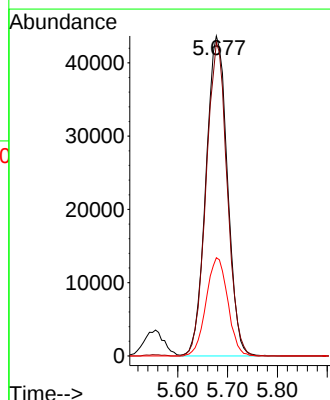
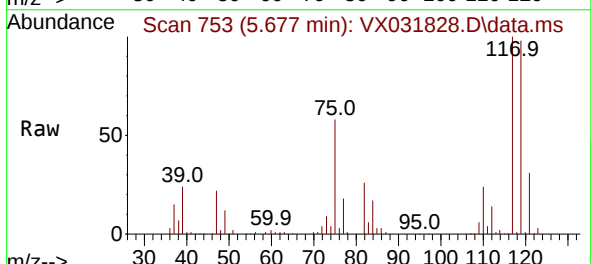
Delta R.T. -0.000 min

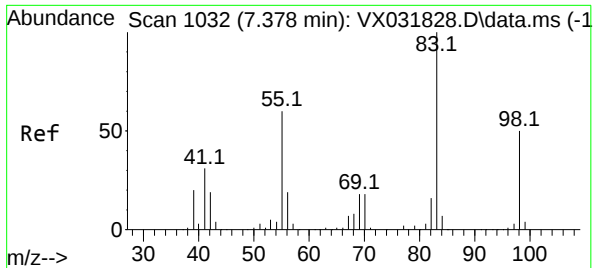
Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Tgt Ion:117 Resp: 130746

Ion	Ratio	Lower	Upper
117	100		
119	98.0	74.6	112.0
121	30.7	25.3	37.9





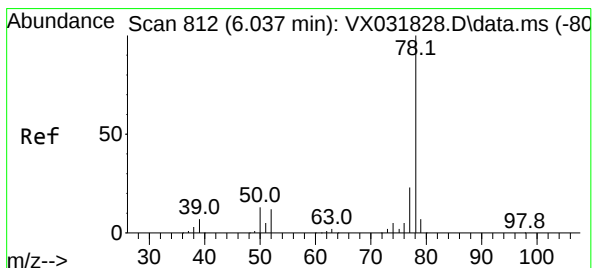
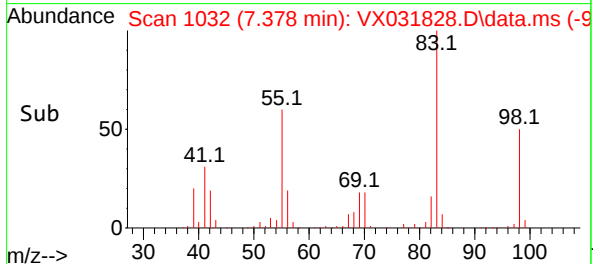
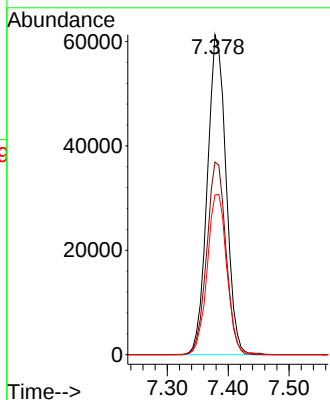
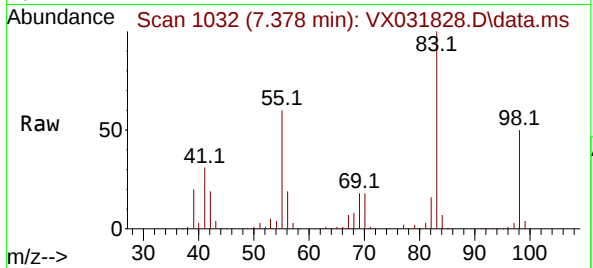
#39
Methylcyclohexane
Concen: 48.385 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 130885
Ion Ratio Lower Upper
83 100
55 60.2 61.0 91.4
98 49.9 37.7 56.5

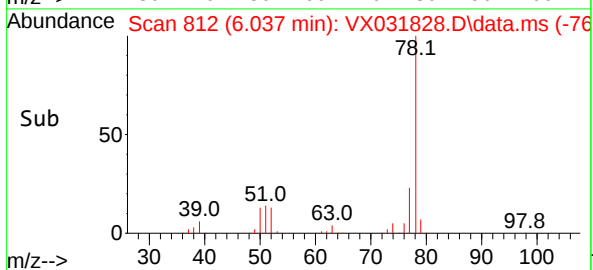
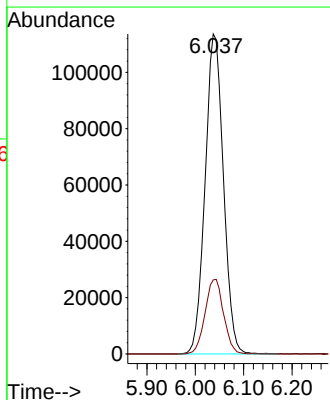
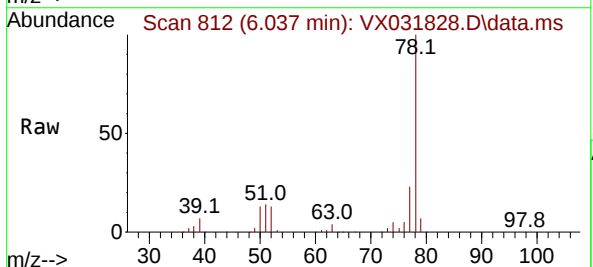
Manual Integrations
APPROVED

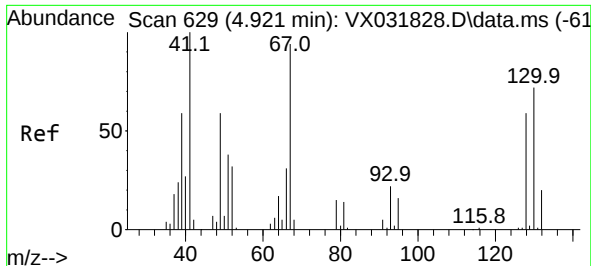
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#40
Benzene
Concen: 43.904 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

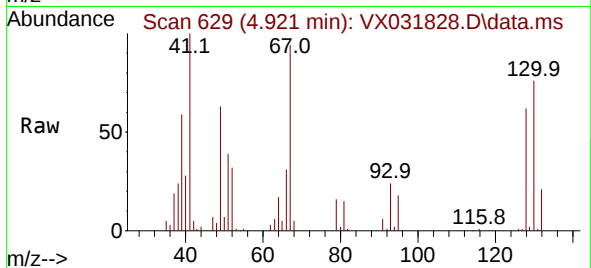
Tgt Ion: 78 Resp: 298962
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41
Methacrylonitrile
Concen: 42.316 ug/l
RT: 4.921 min Scan# 614
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

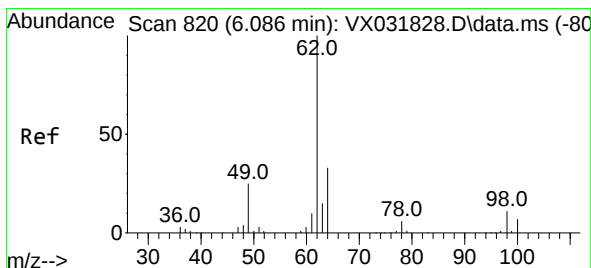
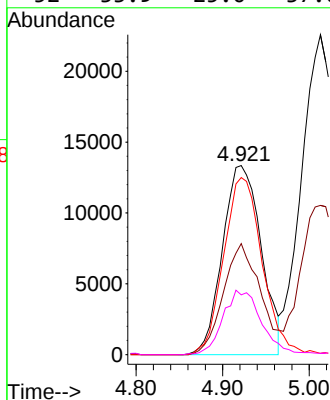
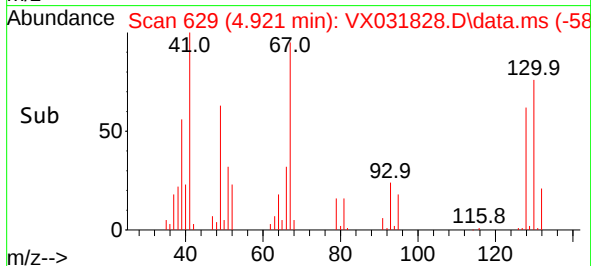
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 4144
Ion Ratio Lower Upper
41 100
39 57.2 45.0 67.6
67 93.9 58.2 87.4
52 33.9 25.0 37.6

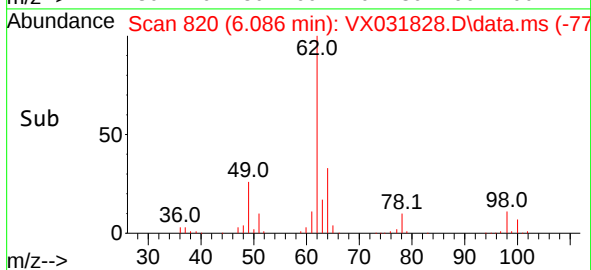
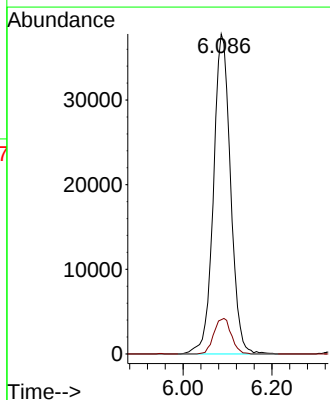
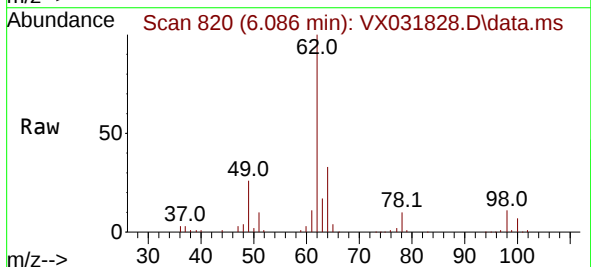
Manual Integrations
APPROVED

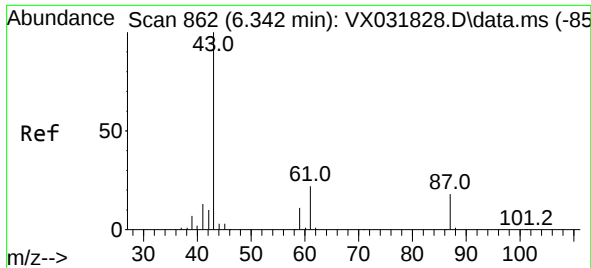
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 42.059 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

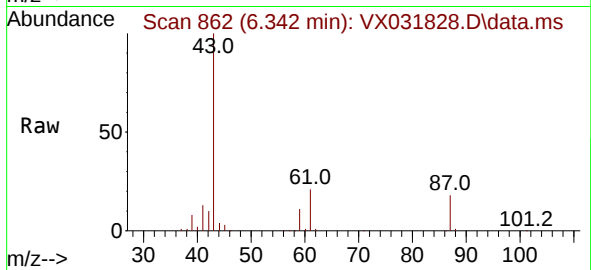
Tgt Ion: 62 Resp: 100775
Ion Ratio Lower Upper
62 100
98 11.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 42.844 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

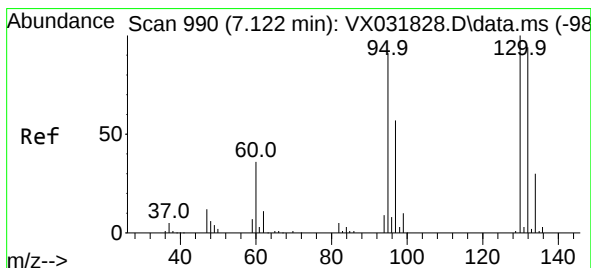
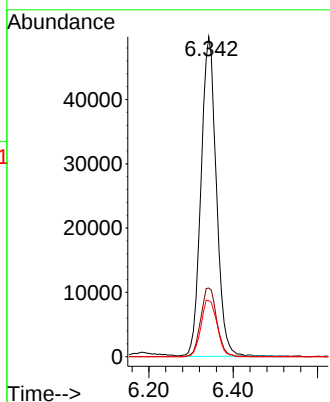
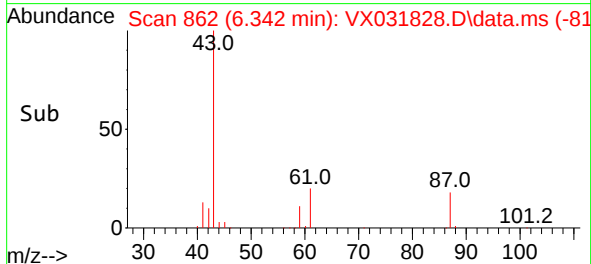
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 125915
Ion Ratio Lower Upper
43 100
61 22.4 15.3 22.9
87 18.6 10.6 15.8

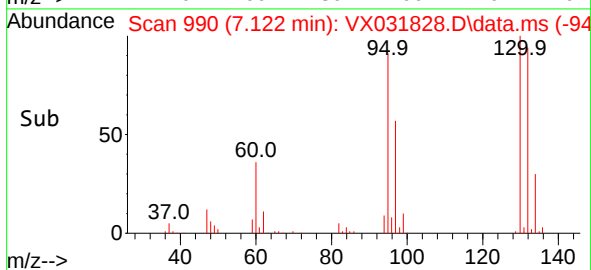
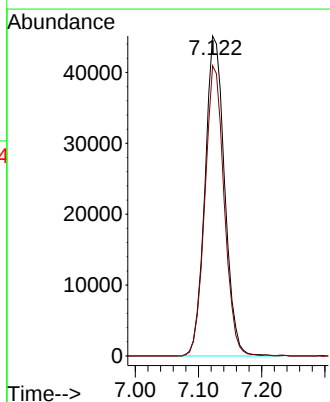
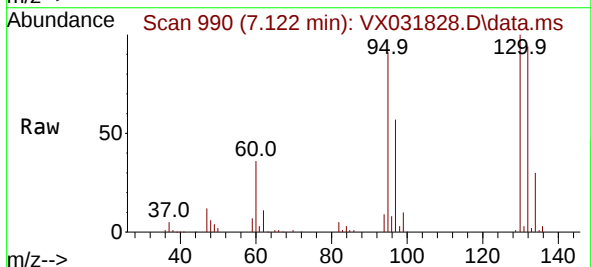
Manual Integrations
APPROVED

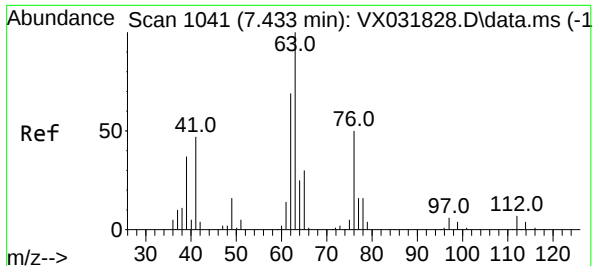
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#44
Trichloroethene
Concen: 44.475 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion:130 Resp: 97423
Ion Ratio Lower Upper
130 100
95 90.7 0.0 206.8





#45

1,2-Dichloropropane

Concen: 42.993 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 6891

Ion Ratio Lower Upper

63 100

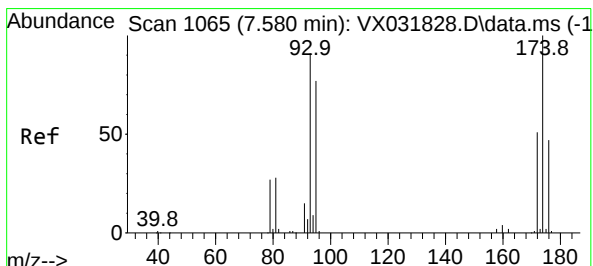
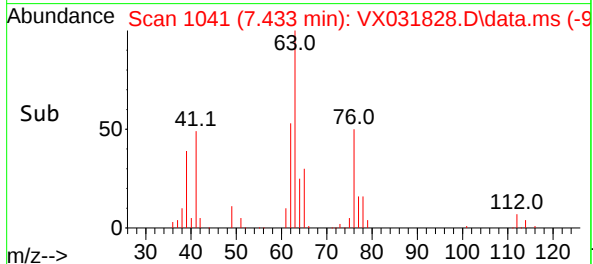
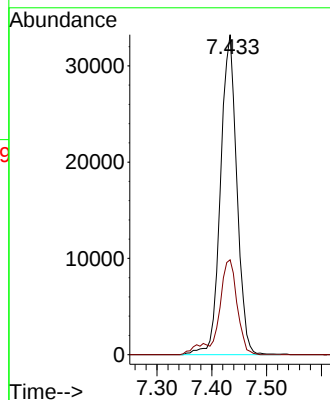
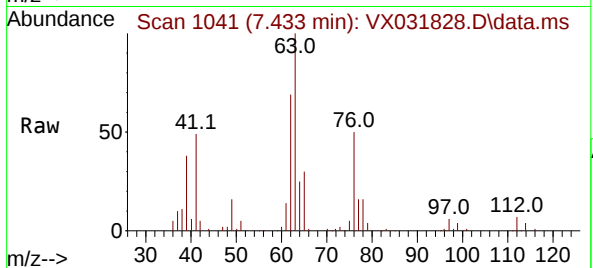
65 29.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 43.261 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

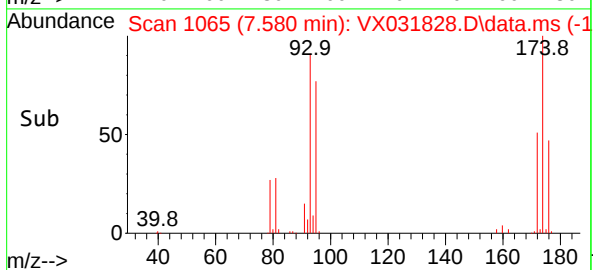
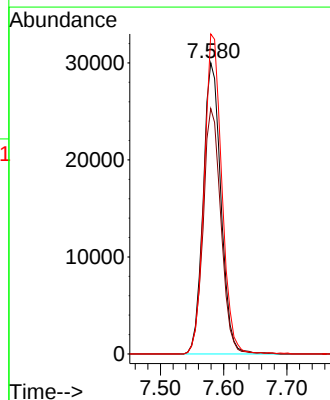
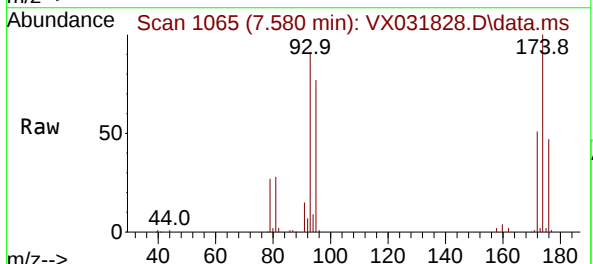
Tgt Ion: 93 Resp: 58665

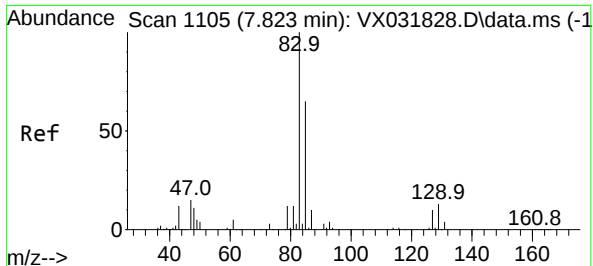
Ion Ratio Lower Upper

93 100

95 84.6 65.5 98.3

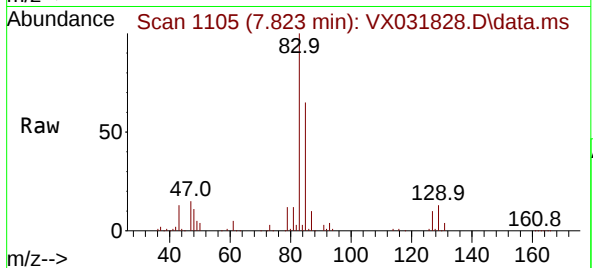
174 108.9 67.6 101.4#





#47
Bromodichloromethane
Concen: 43.142 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

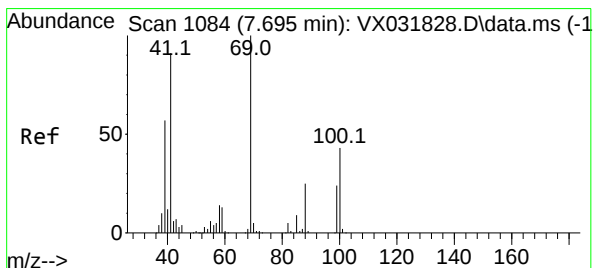
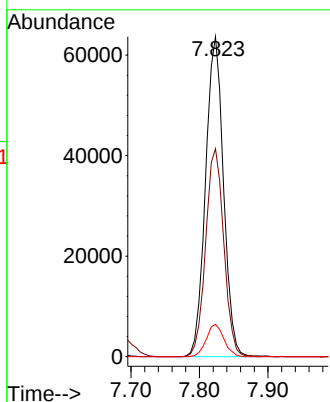
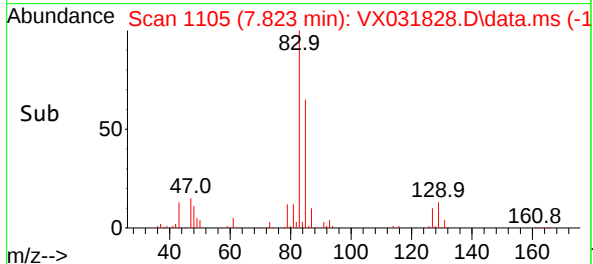
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 115960
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.6
127 10.1 7.0 10.6

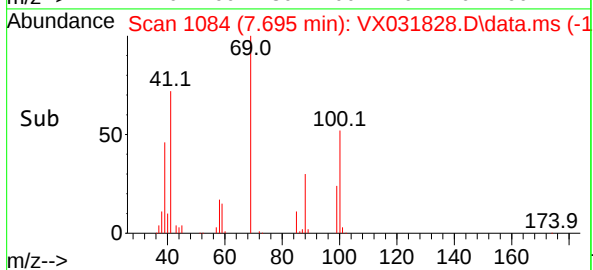
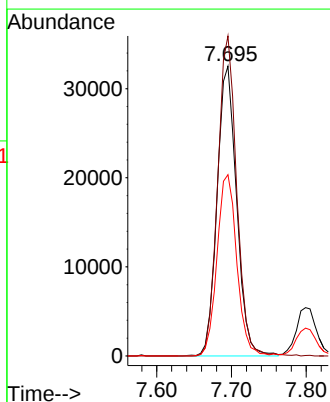
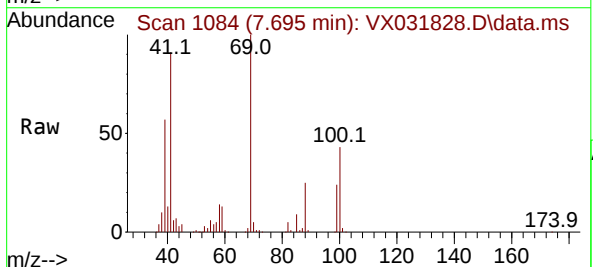
Manual Integrations
APPROVED

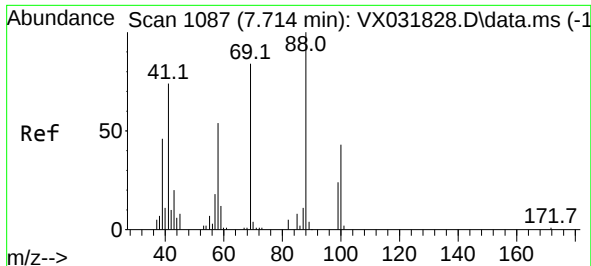
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 45.020 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion: 41 Resp: 59241
Ion Ratio Lower Upper
41 100
69 107.5 64.6 96.8#
39 63.5 51.4 77.0





#49

1,4-Dioxane

Concen: 892.933 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

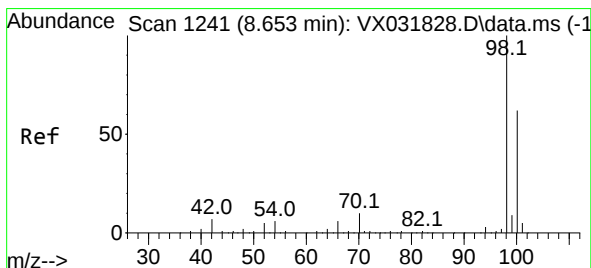
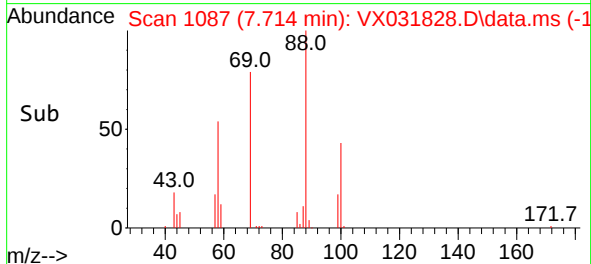
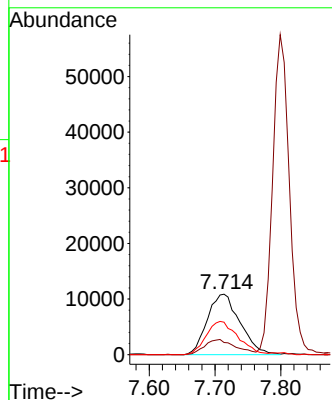
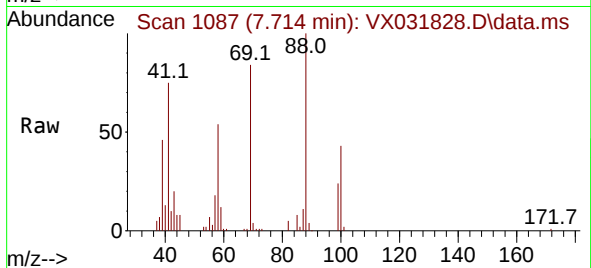
Tgt Ion: 88 Resp: 37580
 Ion Ratio Lower Upper
 88 100
 43 23.9 27.1 40.7
 58 53.3 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 43.624 ug/l

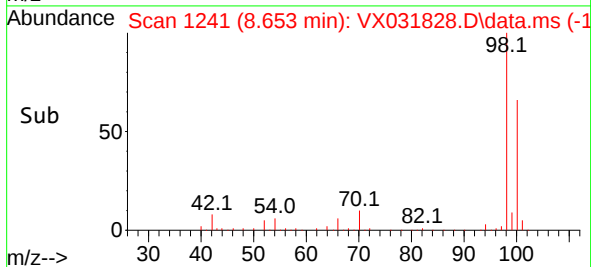
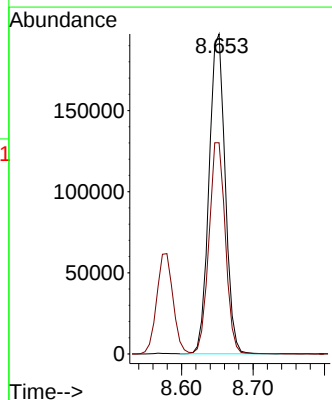
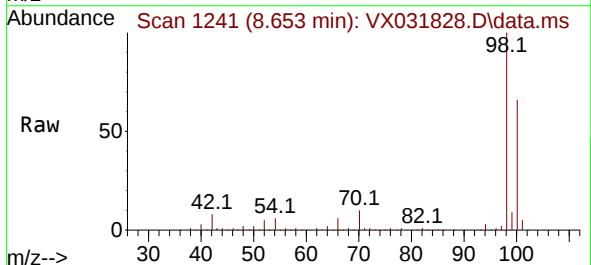
RT: 8.653 min Scan# 1241

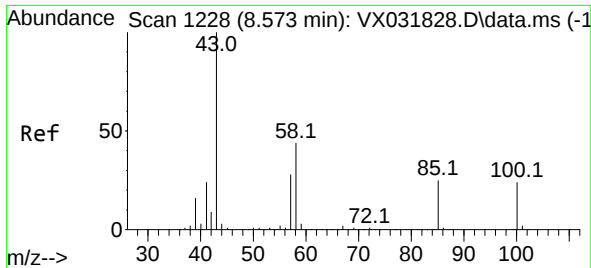
Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Tgt Ion: 98 Resp: 308185
 Ion Ratio Lower Upper
 98 100
 100 67.2 52.5 78.7





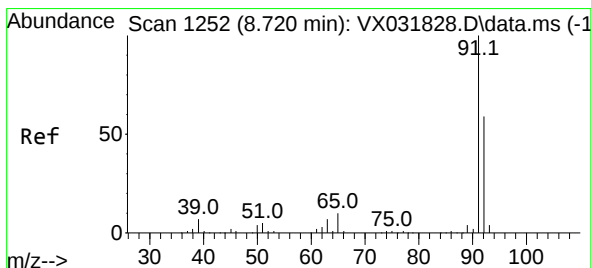
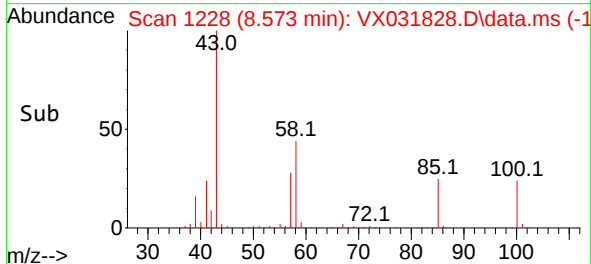
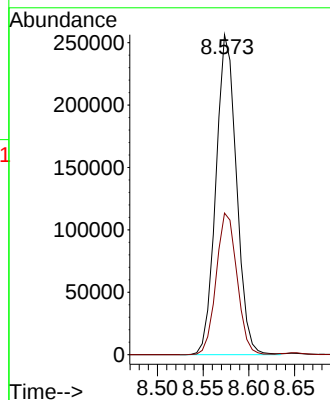
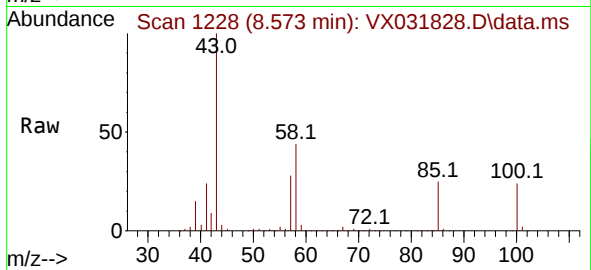
#51
4-Methyl-2-Pentanone
Concen: 219.246 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 40172
Ion Ratio Lower Upper
43 100
58 44.9 30.6 46.0

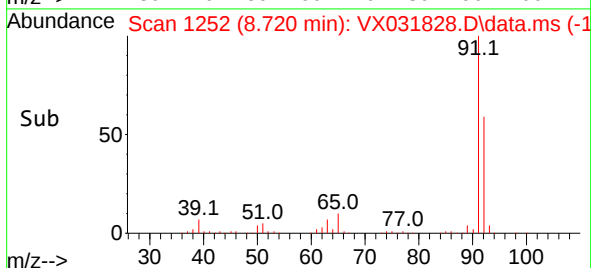
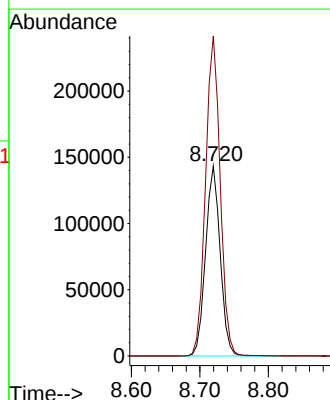
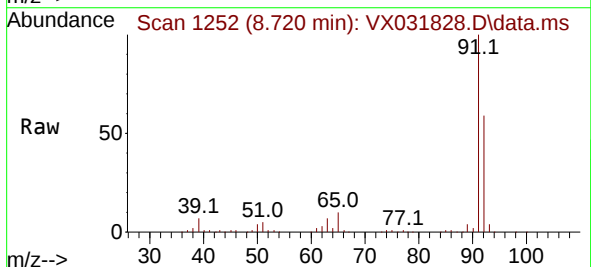
Manual Integrations
APPROVED

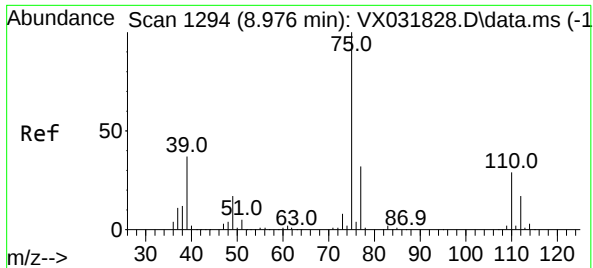
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 44.640 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion: 92 Resp: 212546
Ion Ratio Lower Upper
92 100
91 169.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 45.284 ug/l

RT: 8.976 min Scan# 11702

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 11702

Ion Ratio Lower Upper

75 100

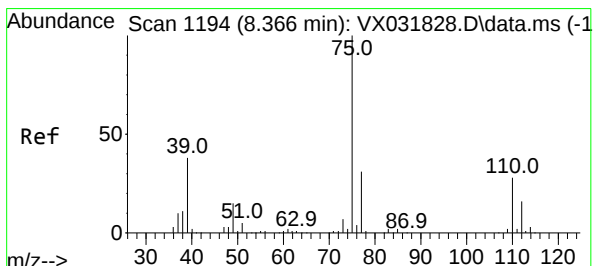
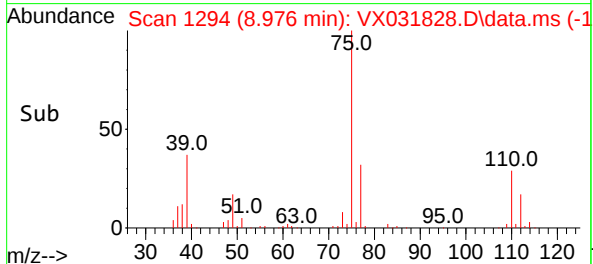
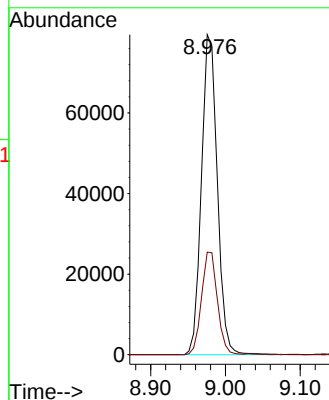
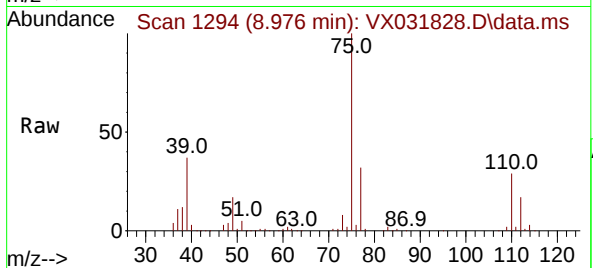
77 32.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 44.763 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

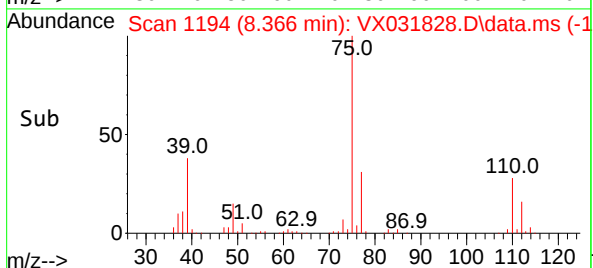
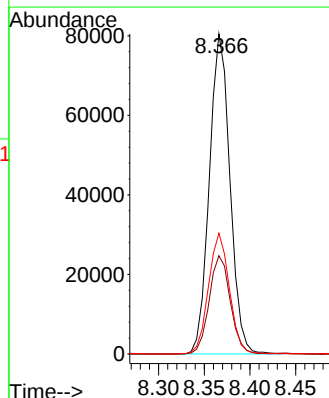
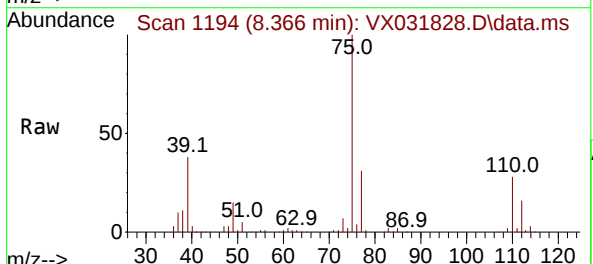
Tgt Ion: 75 Resp: 126562

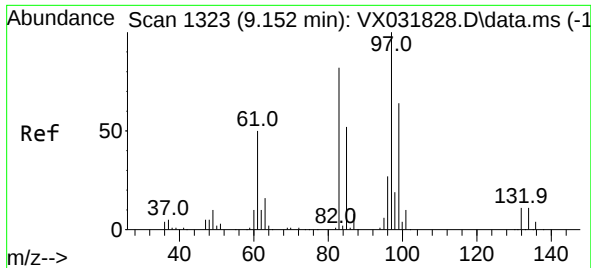
Ion Ratio Lower Upper

75 100

77 30.7 24.4 36.6

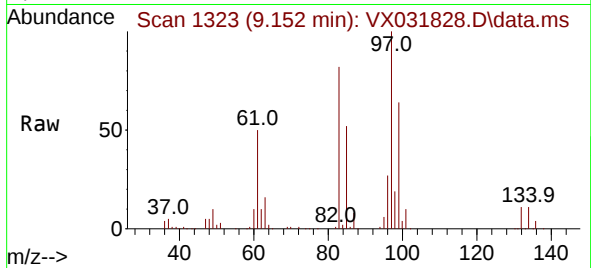
39 37.7 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 44.168 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

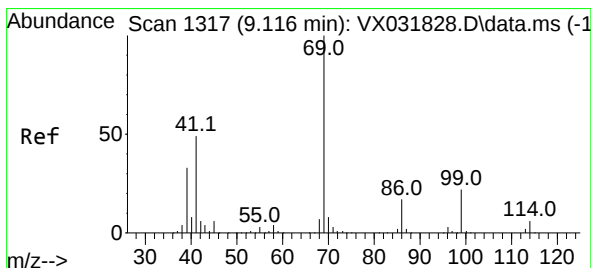
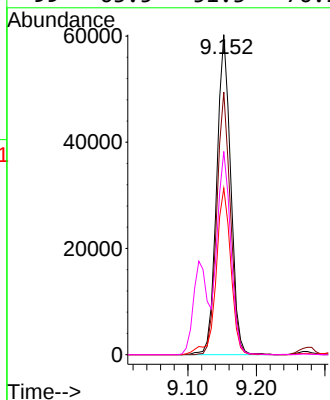
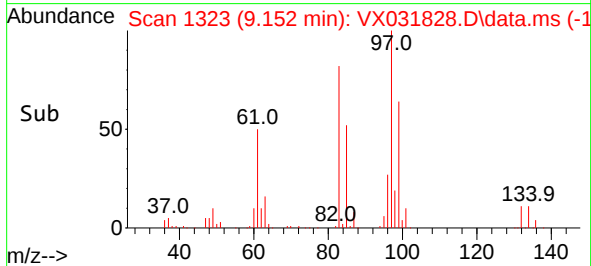
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



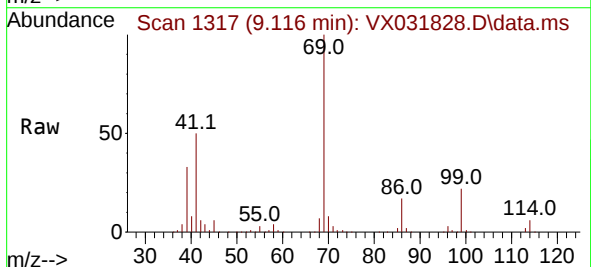
Tgt Ion:	97	Resp:	85429
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.0	103.6
85	52.0	44.1	66.1
99	63.5	51.3	76.9

Manual Integrations
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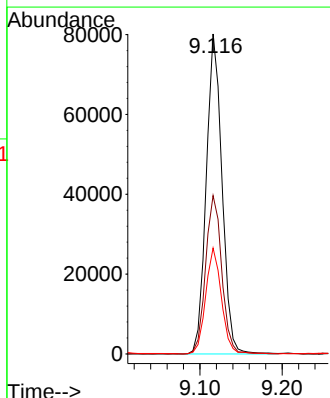
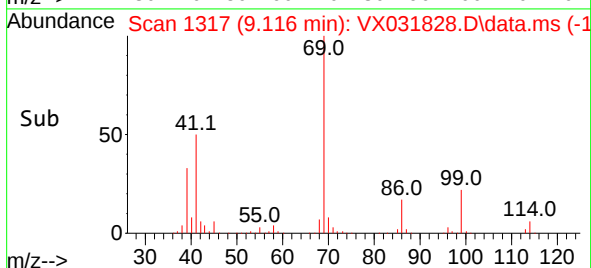
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

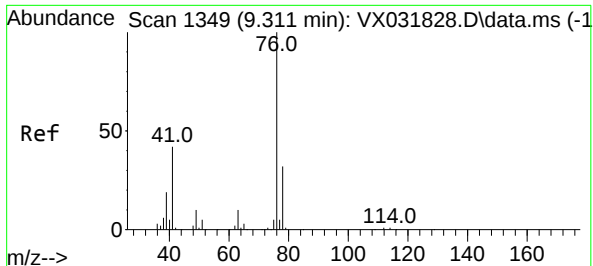


#56
Ethyl methacrylate
Concen: 46.963 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22



Tgt Ion:	69	Resp:	106720
Ion	Ratio	Lower	Upper
69	100		
41	50.9	54.2	81.4#
39	33.2	34.2	51.2#





#57

1,3-Dichloropropane

Concen: 43.897 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 131019

Ion Ratio Lower Upper

76 100

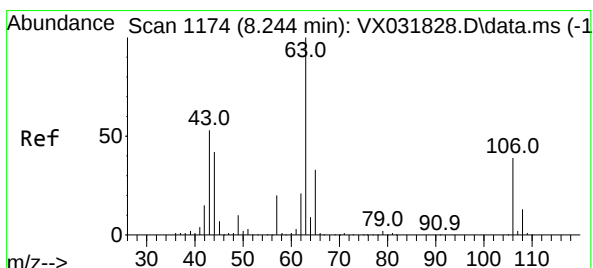
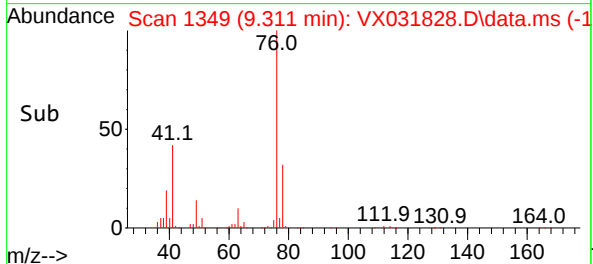
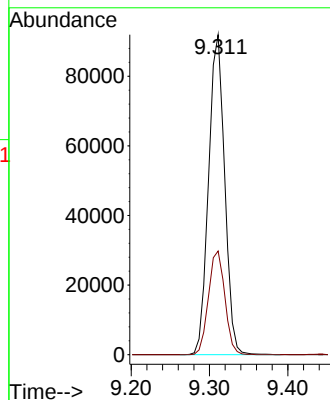
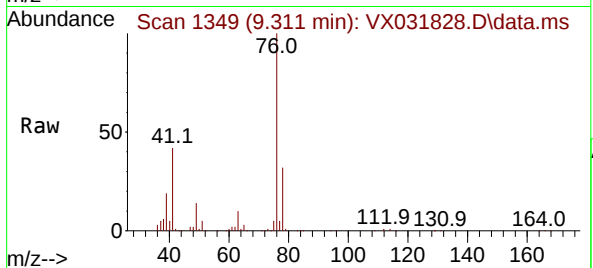
78 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 228.208 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX031828.D

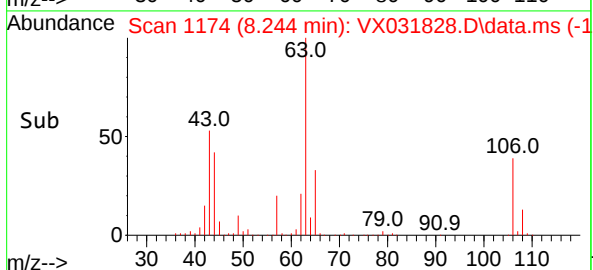
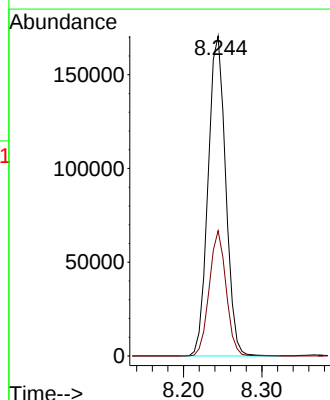
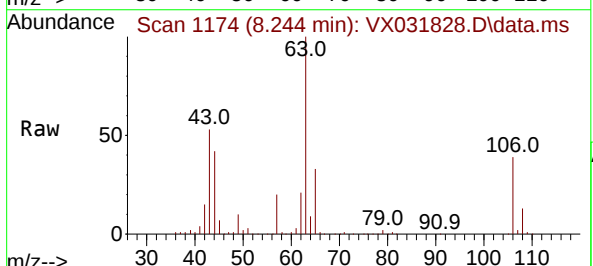
Acq: 03 Oct 2022 11:22

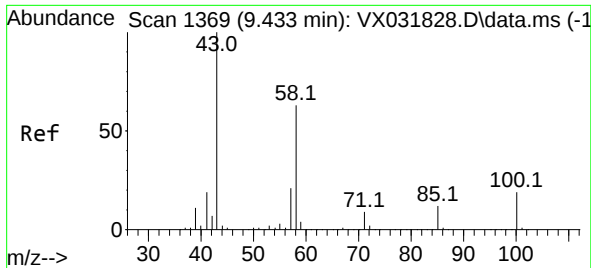
Tgt Ion: 63 Resp: 265511

Ion Ratio Lower Upper

63 100

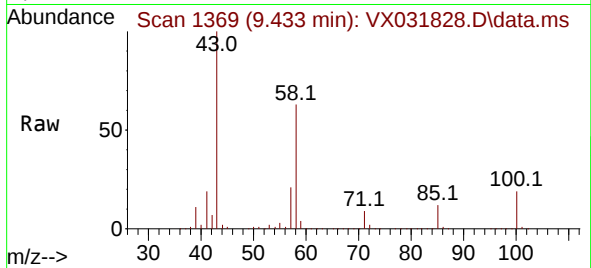
106 37.5 22.6 34.0#





#59
2-Hexanone
Concen: 222.584 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

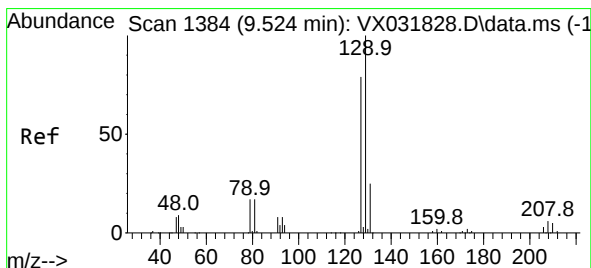
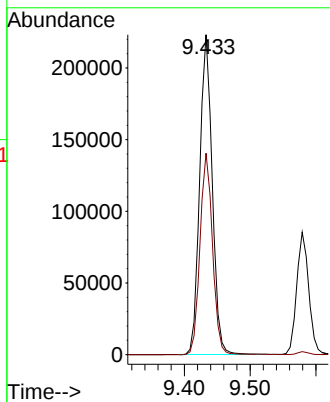
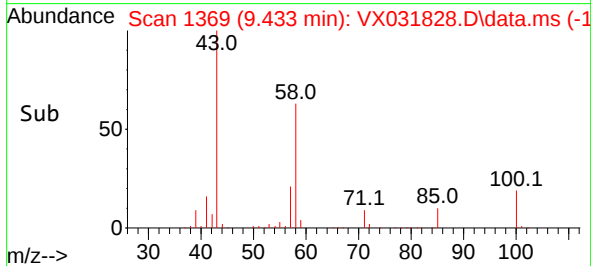
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 296652
Ion Ratio Lower Upper
43 100
58 62.9 26.7 80.0

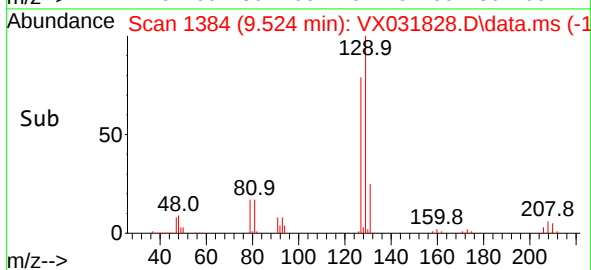
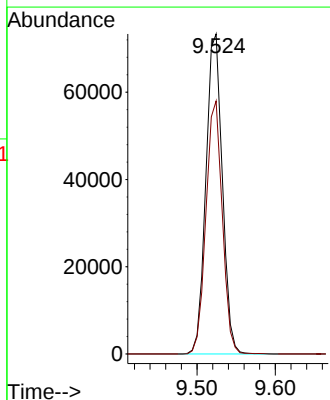
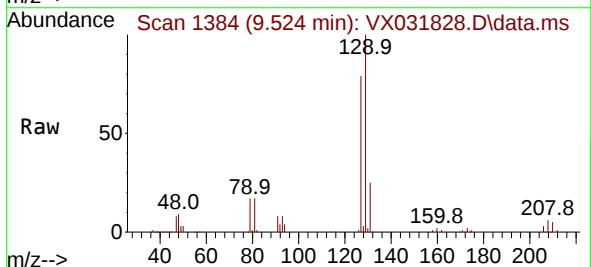
Manual Integrations
APPROVED

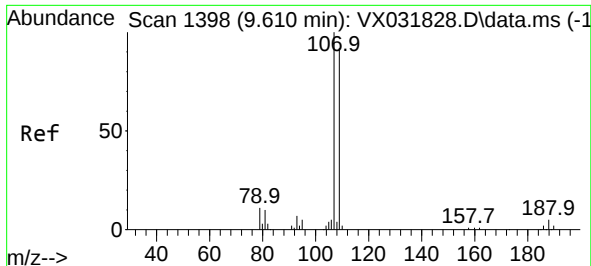
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 44.918 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

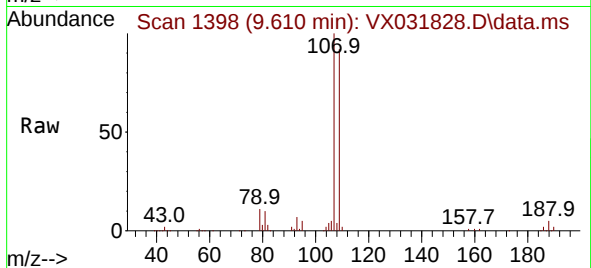
Tgt Ion:129 Resp: 106577
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 44.662 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

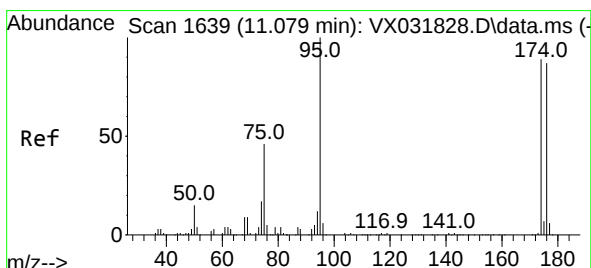
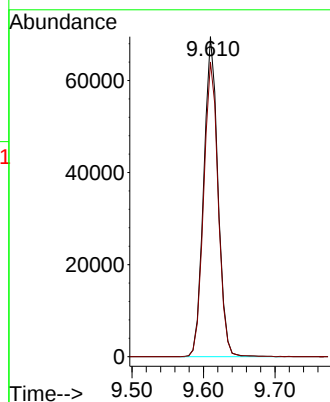
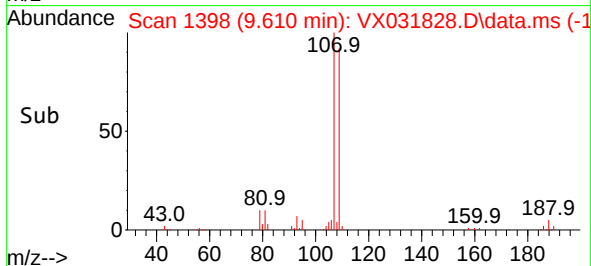
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 9608
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.4

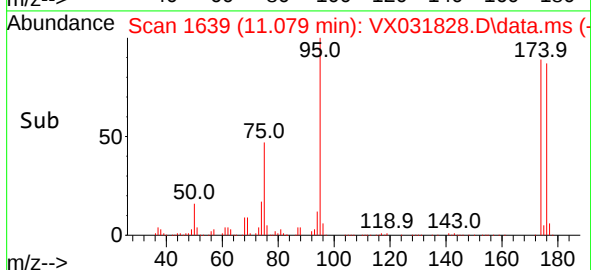
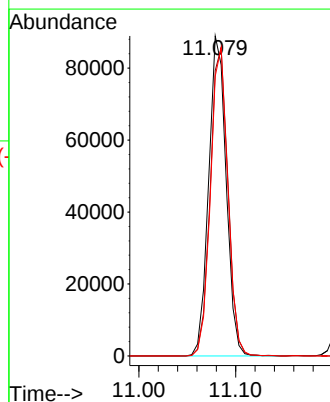
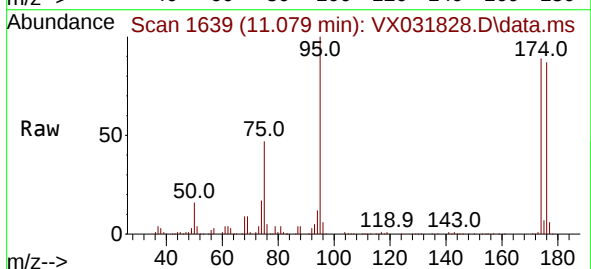
Manual Integrations
APPROVED

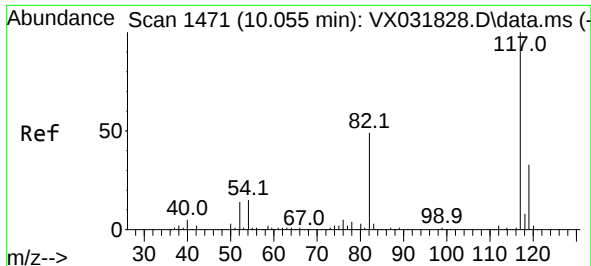
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#62
4-Bromofluorobenzene
Concen: 43.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

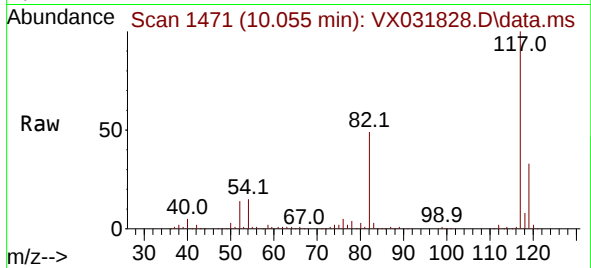
Tgt Ion: 95 Resp: 112152
Ion Ratio Lower Upper
95 100
174 97.3 0.0 153.2
176 95.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

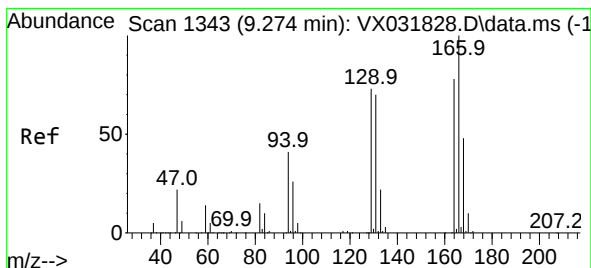
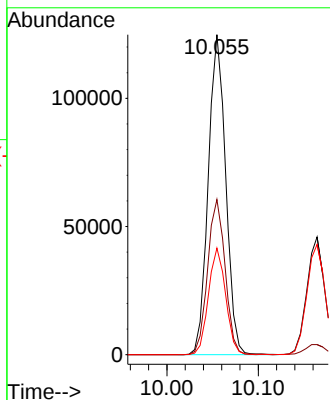
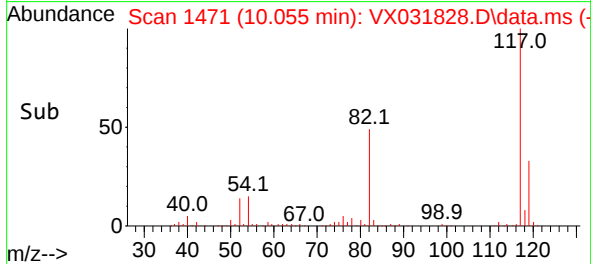
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 165080
Ion Ratio Lower Upper
117 100
82 48.5 46.8 70.2
119 33.3 26.4 39.6

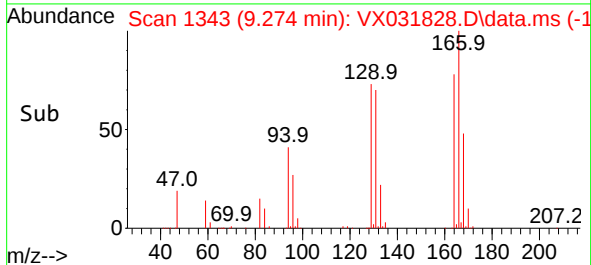
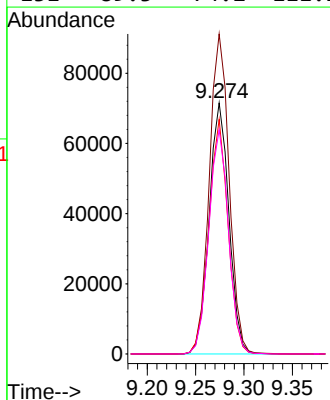
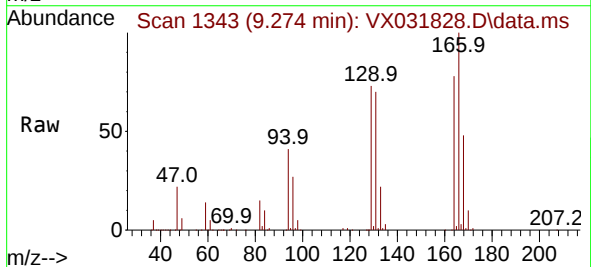
Manual Integrations
APPROVED

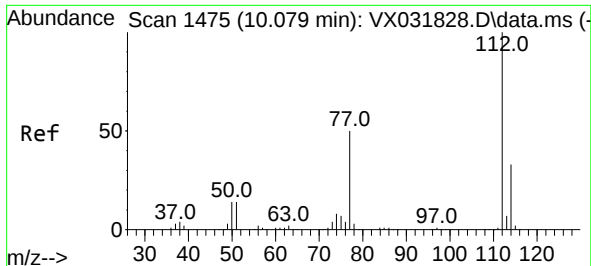
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 44.671 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

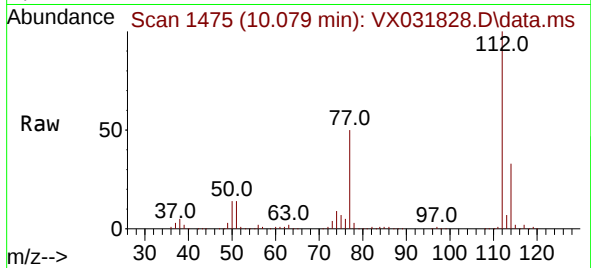
Tgt Ion:164 Resp: 101861
Ion Ratio Lower Upper
164 100
166 127.5 99.0 148.4
129 93.4 78.0 117.0
131 89.3 74.2 111.2





#65
Chlorobenzene
Concen: 43.420 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

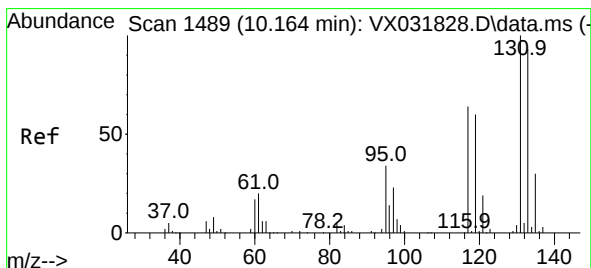
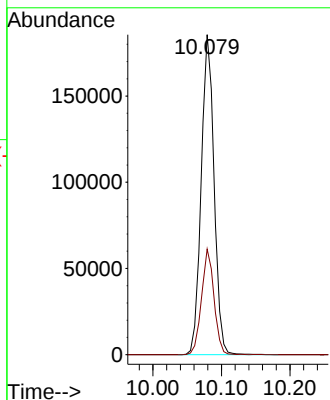
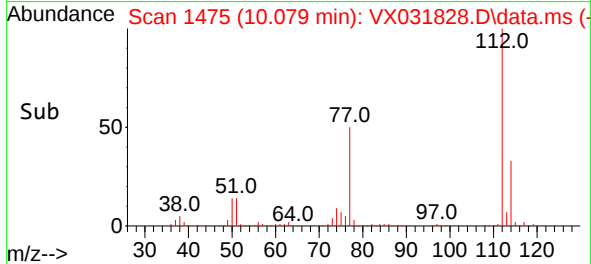
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 242679
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

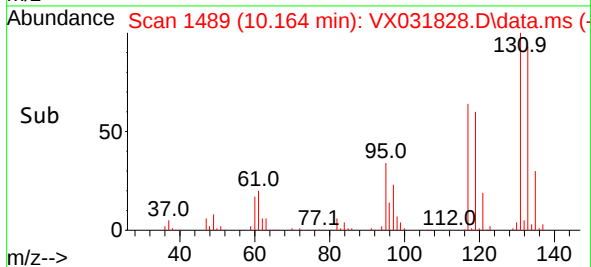
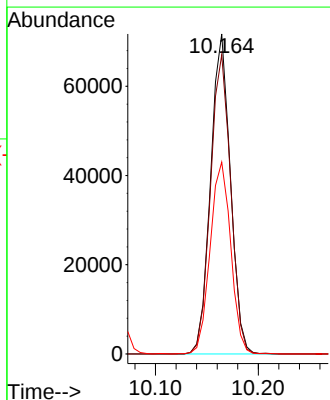
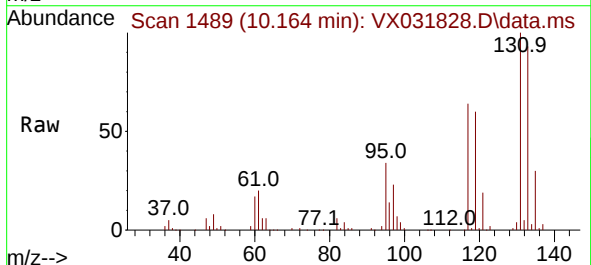
Manual Integrations
APPROVED

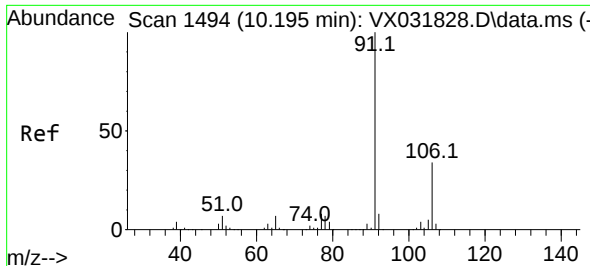
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 44.067 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

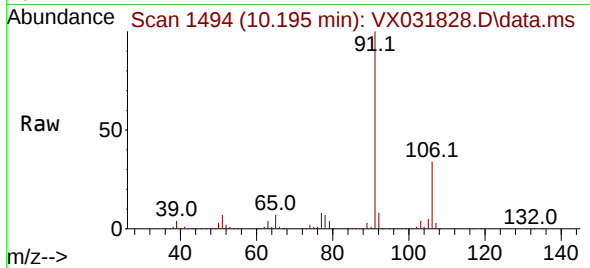
Tgt Ion:131 Resp: 95761
Ion Ratio Lower Upper
131 100
133 95.7 46.6 139.7
119 62.5 31.9 95.9





#67
Ethyl Benzene
Concen: 44.772 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

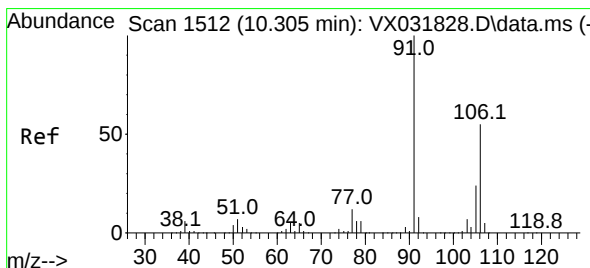
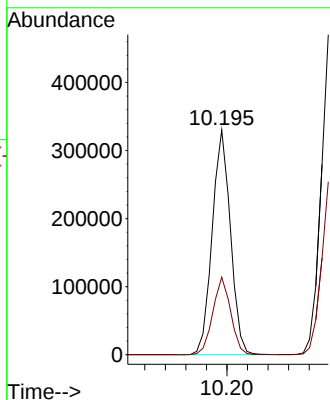
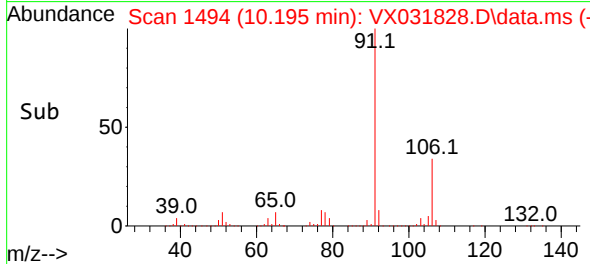
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



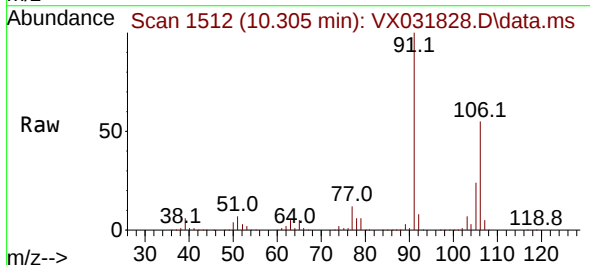
Tgt Ion: 91 Resp: 406263
Ion Ratio Lower Upper
91 100
106 34.5 25.2 37.8

Manual Integrations
APPROVED

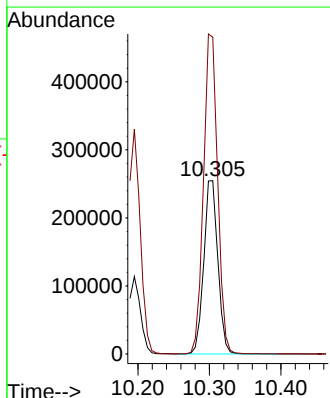
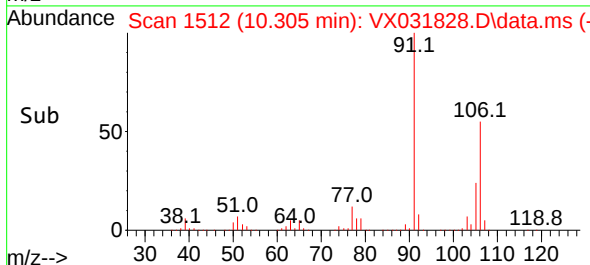
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

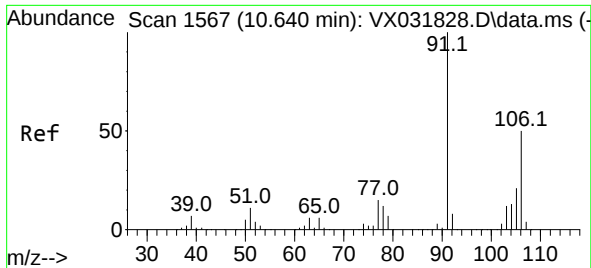


#68
m/p-Xylenes
Concen: 92.455 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22



Tgt Ion:106 Resp: 347707
Ion Ratio Lower Upper
106 100
91 185.7 161.0 241.4





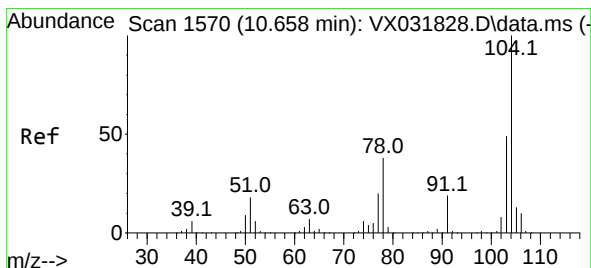
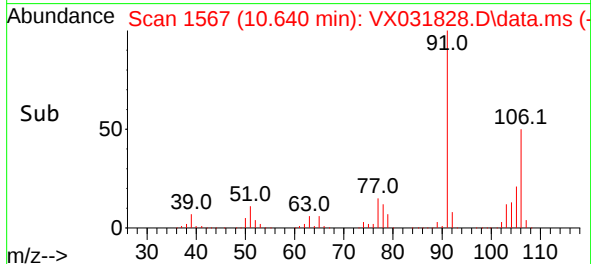
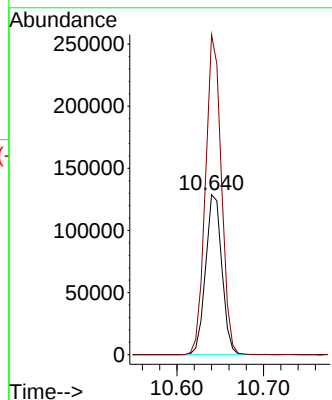
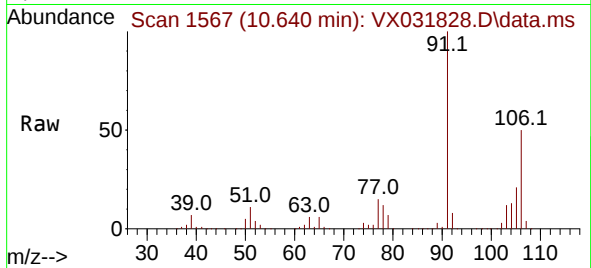
#69
o-Xylene
Concen: 46.097 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 16804
Ion Ratio Lower Upper
106 100
91 195.6 107.2 321.6

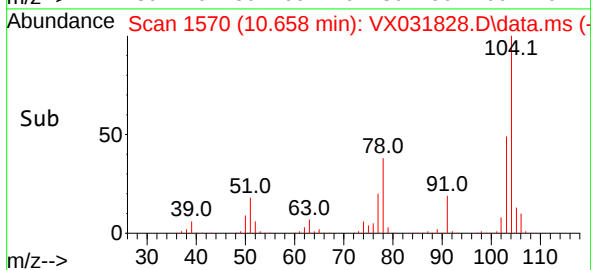
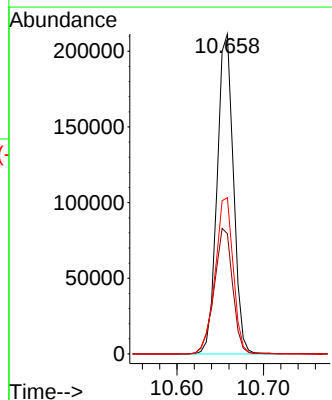
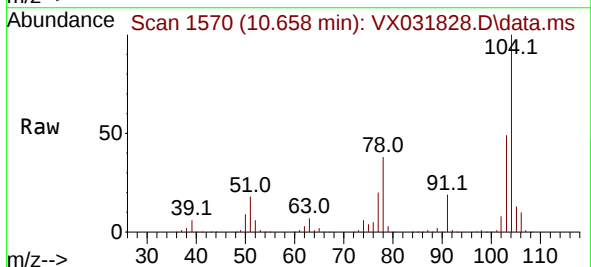
Manual Integrations
APPROVED

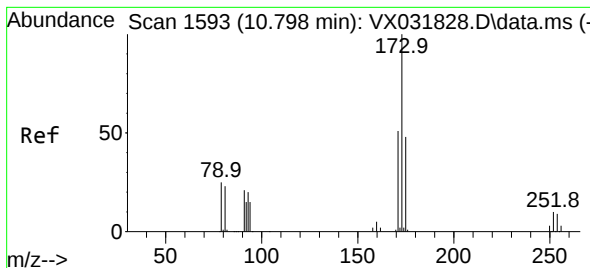
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 46.346 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

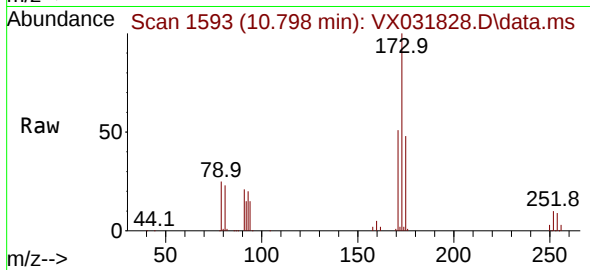
Tgt Ion:104 Resp: 277113
Ion Ratio Lower Upper
104 100
78 44.4 41.4 62.2
103 54.0 43.8 65.8





#71
Bromoform
Concen: 44.925 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

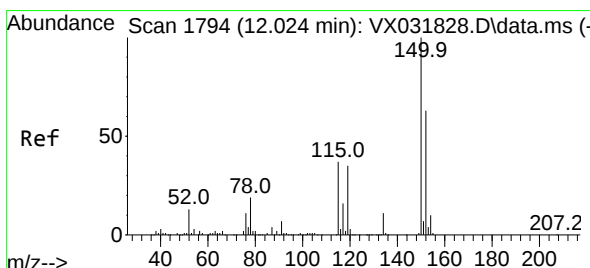
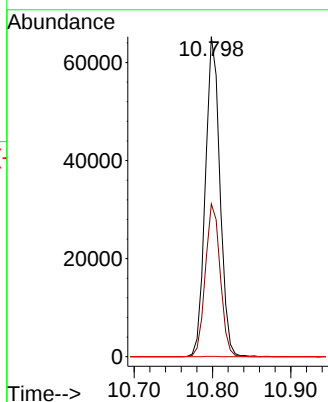
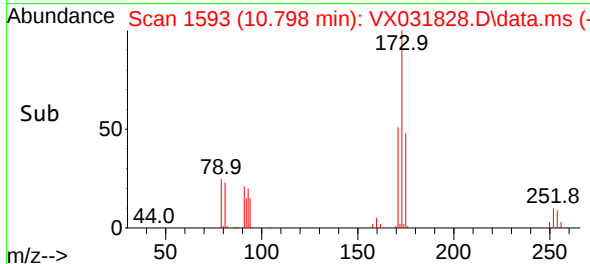
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



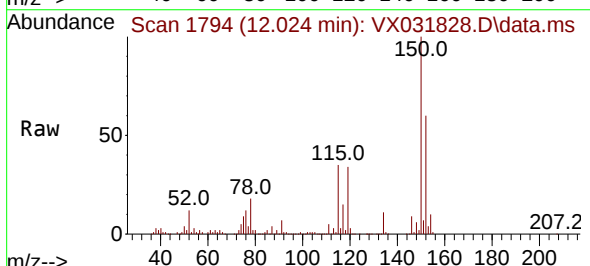
Tgt Ion:173 Resp: 83990
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

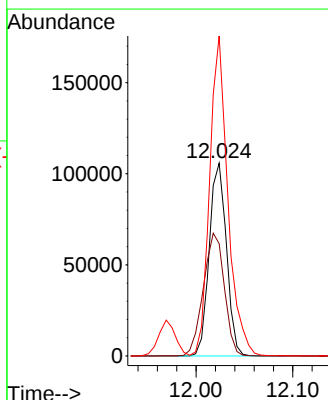
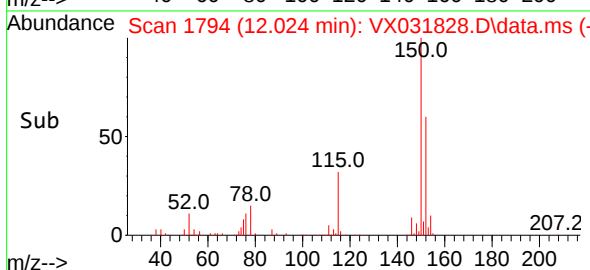
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

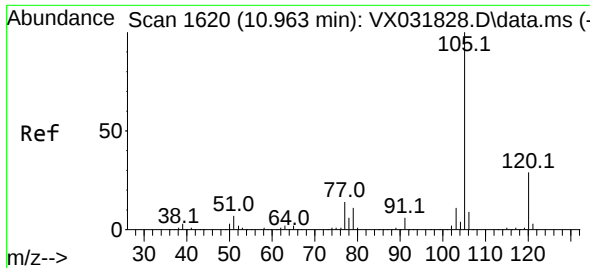


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22



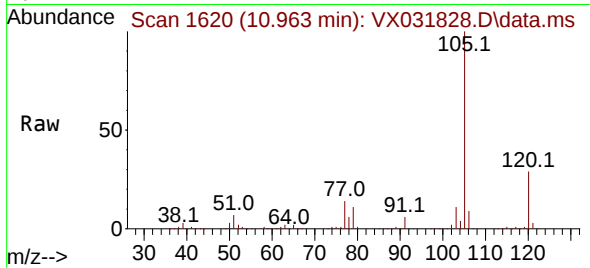
Tgt Ion:152 Resp: 130555
Ion Ratio Lower Upper
152 100
115 77.9 43.4 130.1
150 175.7 0.0 346.8





#73
Isopropylbenzene
Concen: 43.037 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

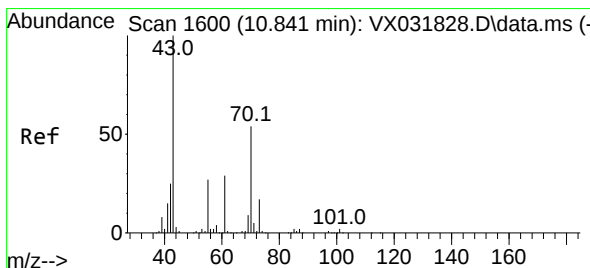
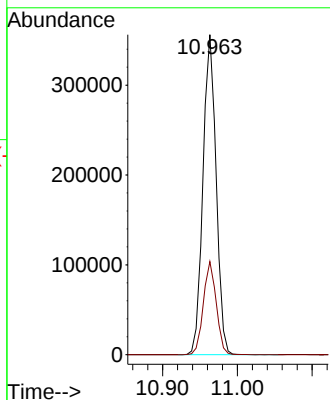
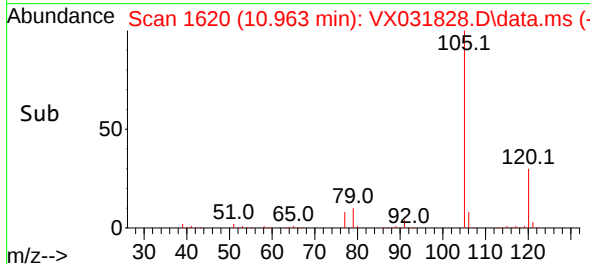
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



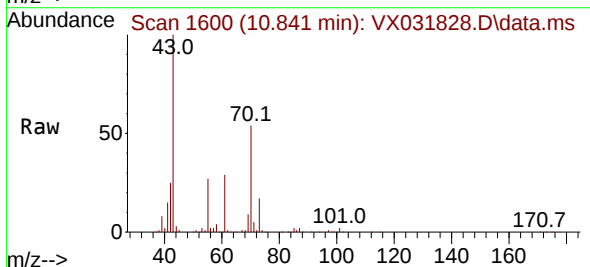
Tgt Ion:105 Resp: 435045
Ion Ratio Lower Upper
105 100
120 28.5 13.7 41.0

Manual Integrations
APPROVED

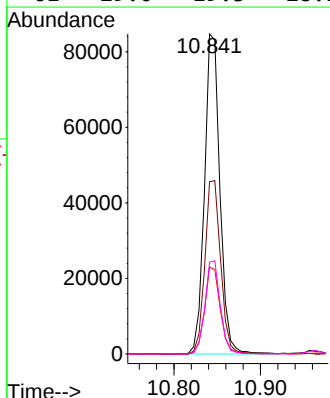
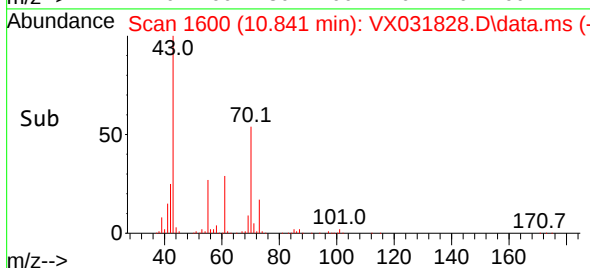
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

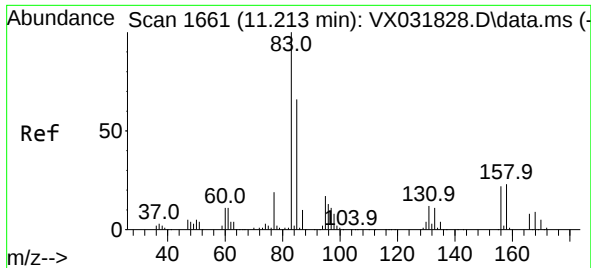


#74
N-ethyl acetate
Concen: 42.175 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22



Tgt Ion: 43 Resp: 104778
Ion Ratio Lower Upper
43 100
70 55.7 33.4 50.2#
55 27.5 18.2 27.2#
61 29.0 19.3 28.9#





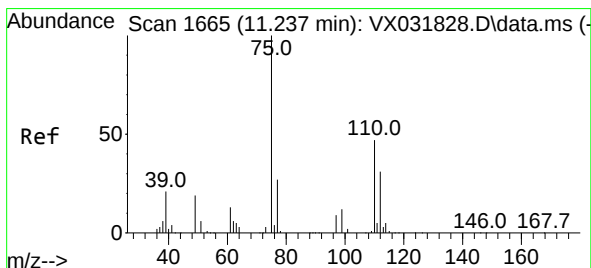
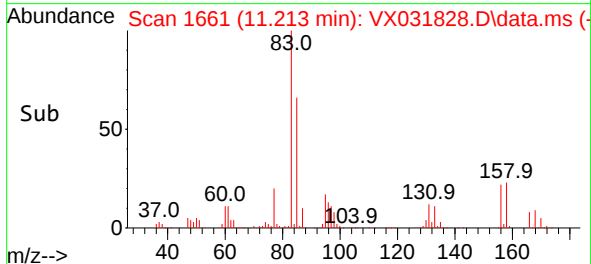
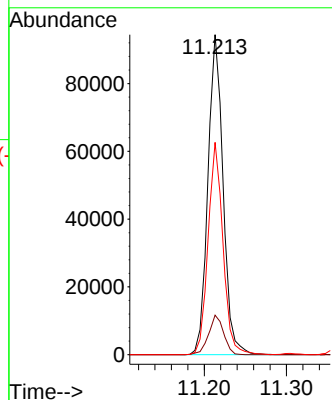
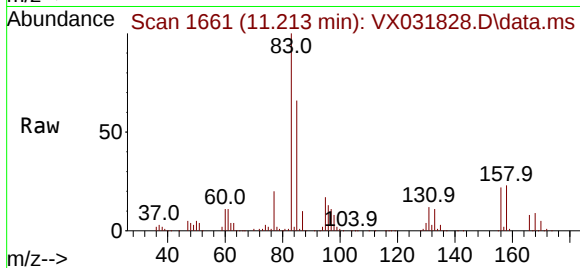
#75
 1,1,2,2-Tetrachloroethane
 Concen: 41.052 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX031828.D
 Acq: 03 Oct 2022 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 83 Resp: 12096
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.1 15.4
 85 65.1 32.6 97.8

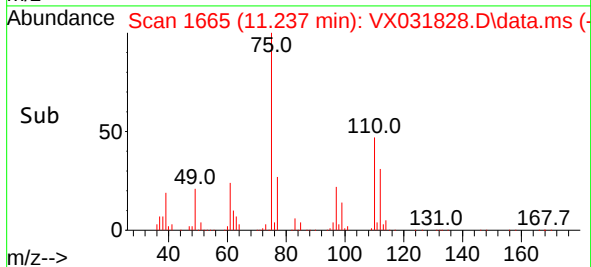
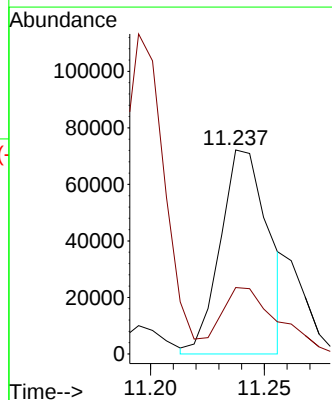
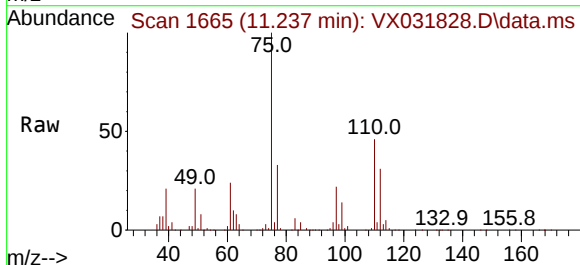
Manual Integrations
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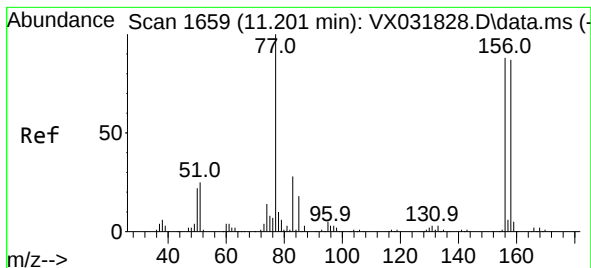
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#76
 1,2,3-Trichloropropane
 Concen: 42.345 ug/l m
 RT: 11.237 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX031828.D
 Acq: 03 Oct 2022 11:22

Tgt Ion: 75 Resp: 105897
 Ion Ratio Lower Upper
 75 100
 77 39.5 20.3 60.9





#77

Bromobenzene

Concen: 42.543 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

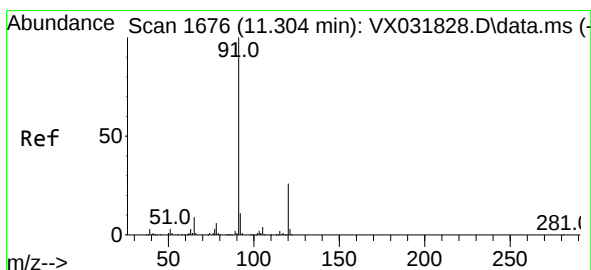
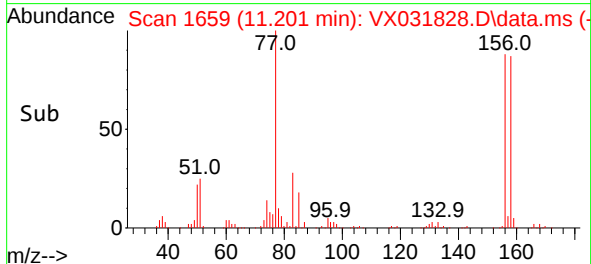
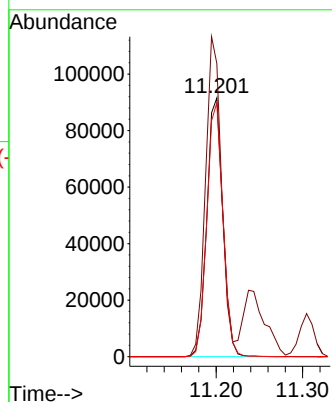
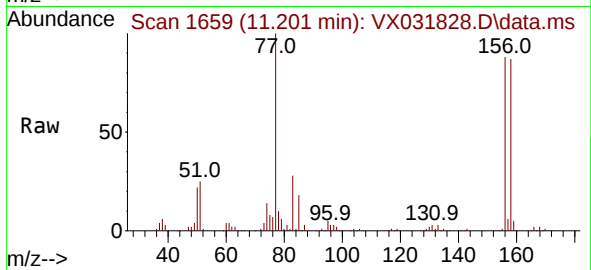
Tgt Ion:	156	Resp:	11756
Ion Ratio	Lower	Upper	
156	100		
77	122.6	79.5	238.6
158	98.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#78

n-propylbenzene

Concen: 43.619 ug/l

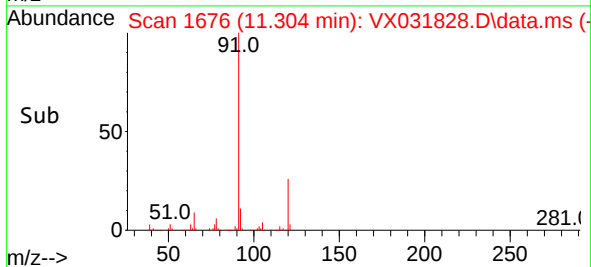
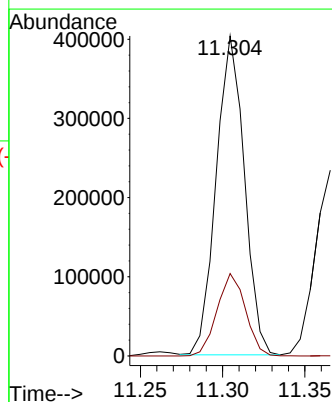
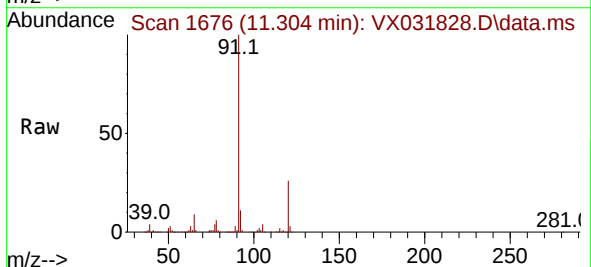
RT: 11.304 min Scan# 1676

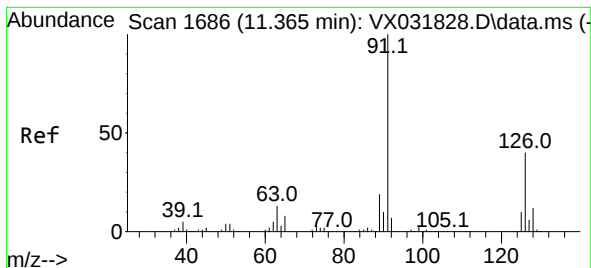
Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Tgt Ion:	91	Resp:	480019
Ion Ratio	Lower	Upper	
91	100		
120	26.0	11.8	35.4





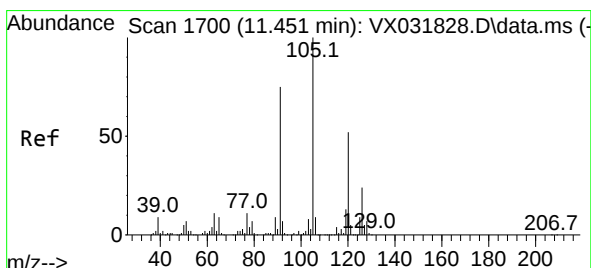
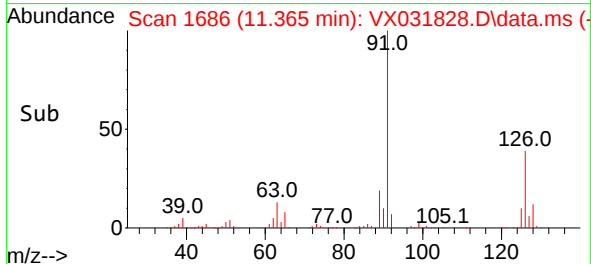
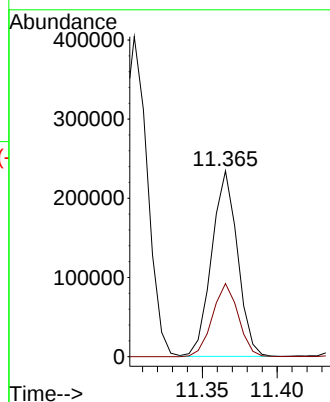
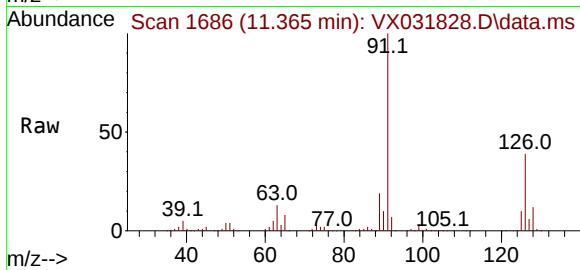
#79
2-Chlorotoluene
Concen: 41.791 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 28116
Ion Ratio Lower Upper
91 100
126 39.5 17.4 52.3

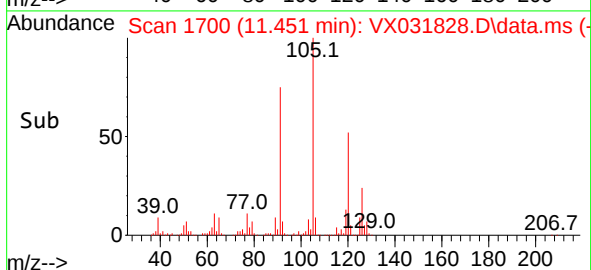
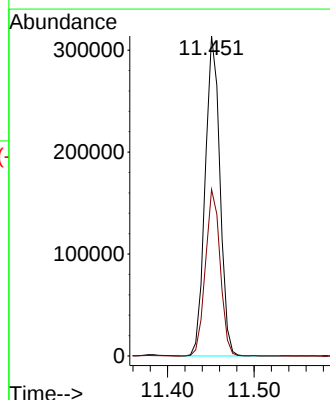
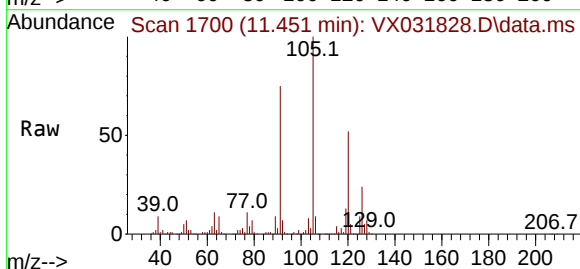
Manual Integrations
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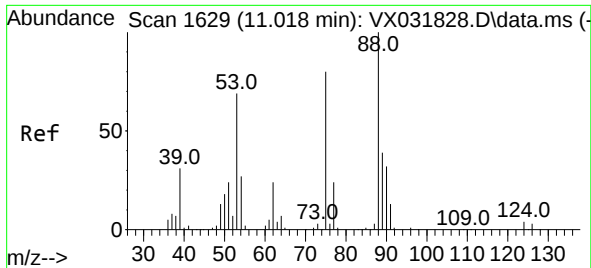
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 43.723 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion:105 Resp: 370654
Ion Ratio Lower Upper
105 100
120 52.1 24.5 73.5





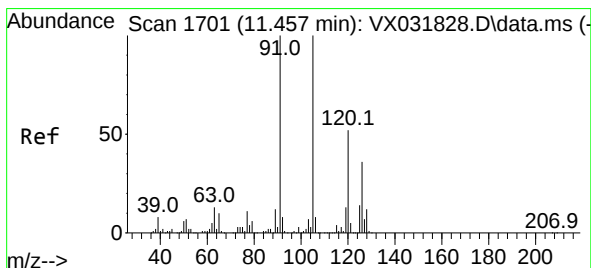
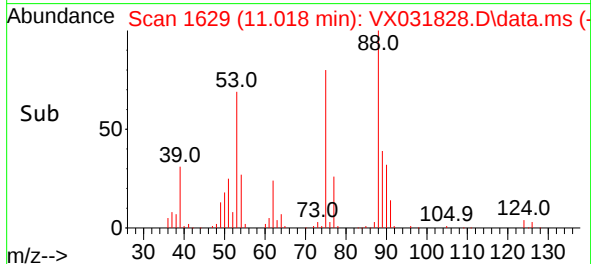
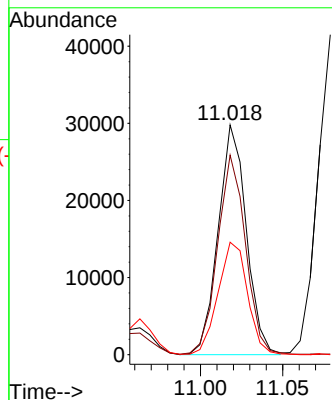
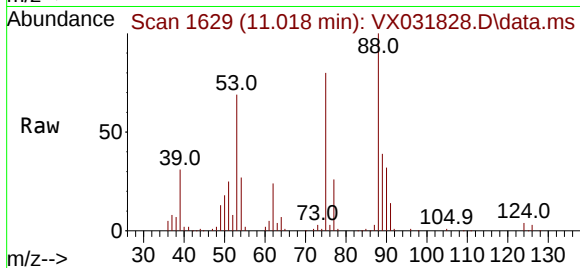
#81
trans-1,4-Dichloro-2-butene
Concen: 42.785 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 3540
Ion Ratio Lower Upper
75 100
53 85.9 77.6 116.4
89 51.4 37.4 56.0

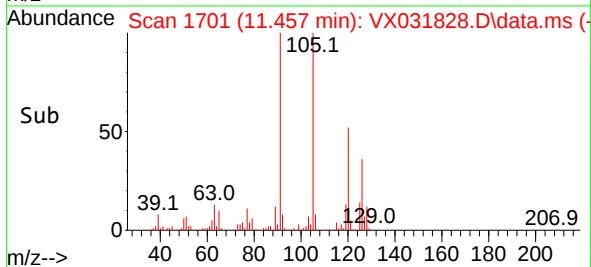
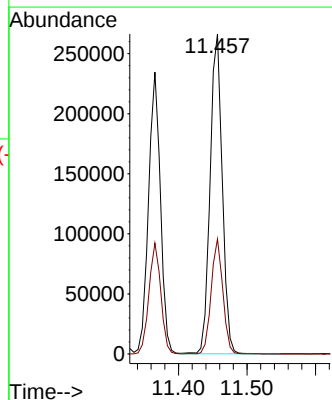
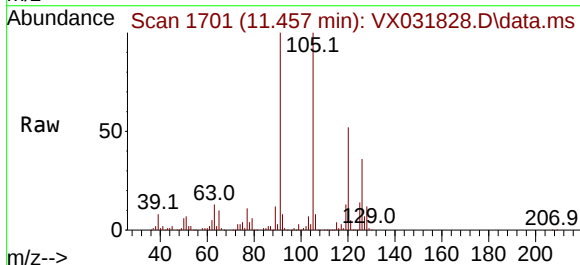
Manual Integrations
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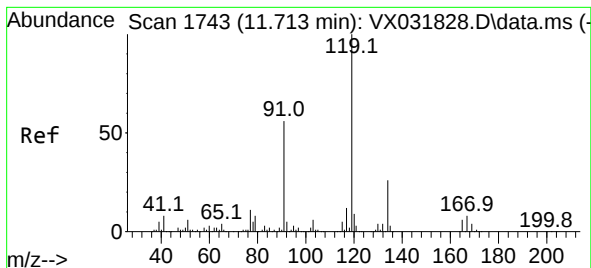
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 42.205 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

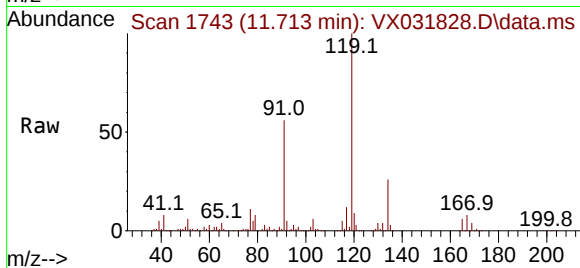
Tgt Ion: 91 Resp: 328200
Ion Ratio Lower Upper
91 100
126 34.6 15.1 45.3





#83
tert-Butylbenzene
Concen: 44.761 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

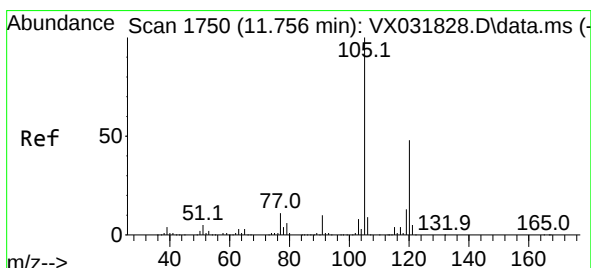
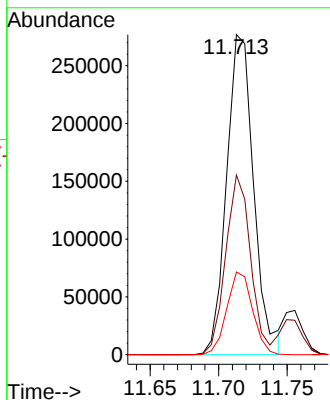
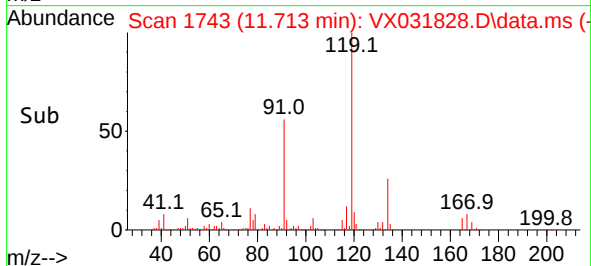
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



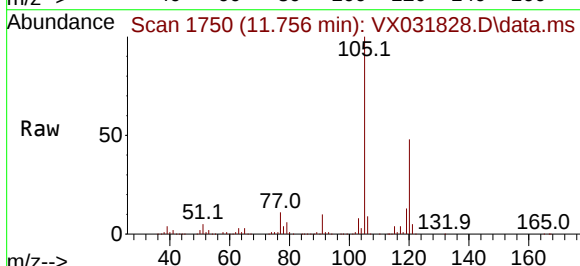
Tgt Ion:119 Resp: 38130
Ion Ratio Lower Upper
119 100
91 51.7 29.2 87.6
134 24.6 11.6 34.8

Manual Integrations
APPROVED

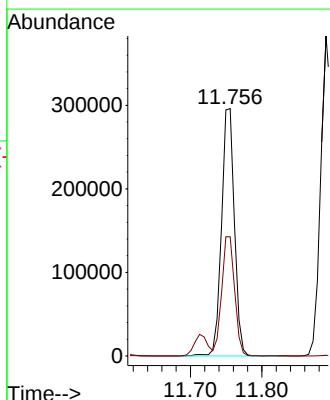
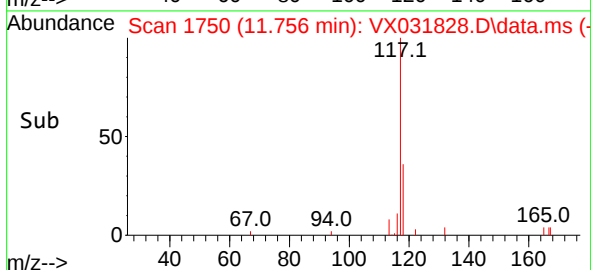
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

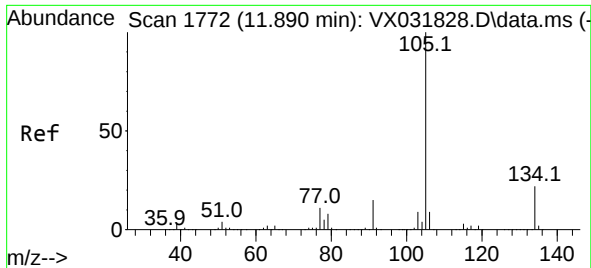


#84
1,2,4-Trimethylbenzene
Concen: 43.859 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22



Tgt Ion:105 Resp: 371772
Ion Ratio Lower Upper
105 100
120 48.2 22.6 67.8





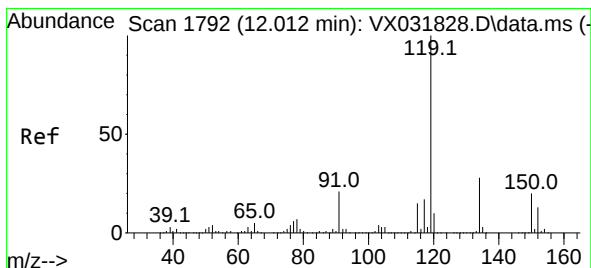
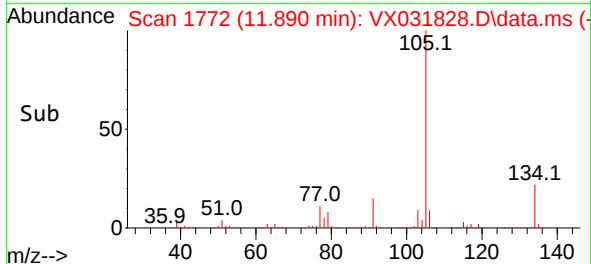
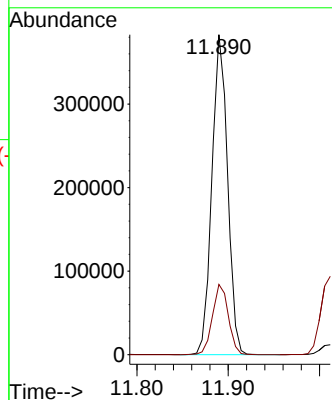
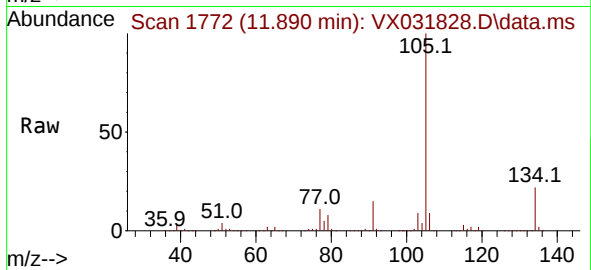
#85
 sec-Butylbenzene
 Concen: 45.027 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031828.D
 Acq: 03 Oct 2022 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 453908
 Ion Ratio Lower Upper
 105 100
 134 22.3 10.4 31.1

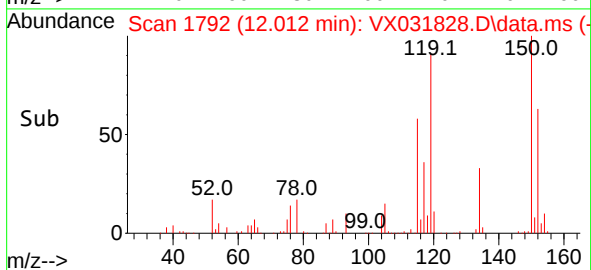
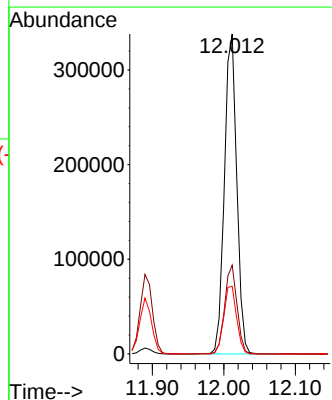
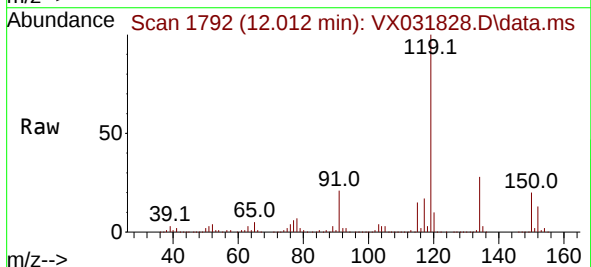
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#86
 p-Isopropyltoluene
 Concen: 45.773 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031828.D
 Acq: 03 Oct 2022 11:22

Tgt Ion:119 Resp: 406145
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.4 40.2
 91 22.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.101 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 226673

Ion Ratio Lower Upper

146 100

111 36.8 19.8 59.4

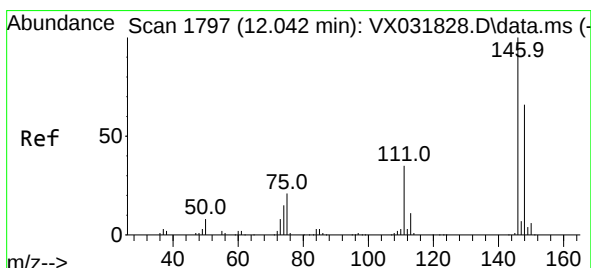
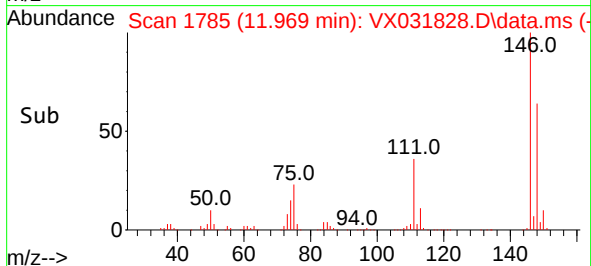
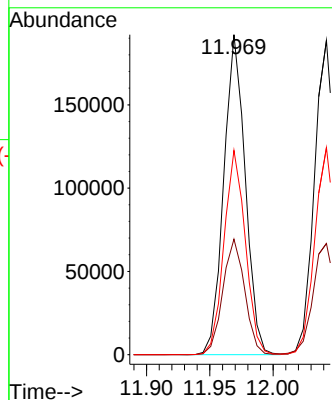
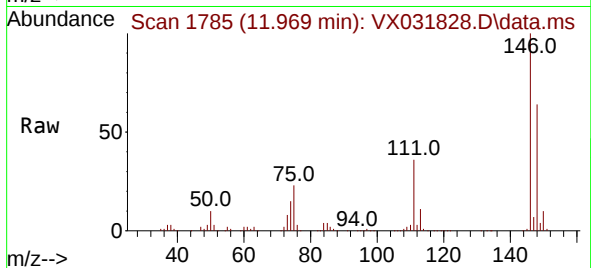
148 63.5 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 42.634 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031828.D

Acq: 03 Oct 2022 11:22

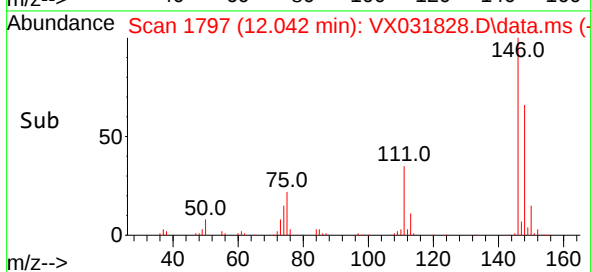
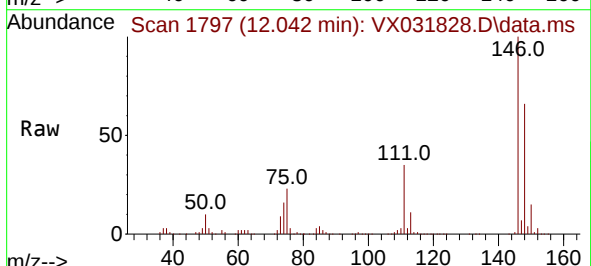
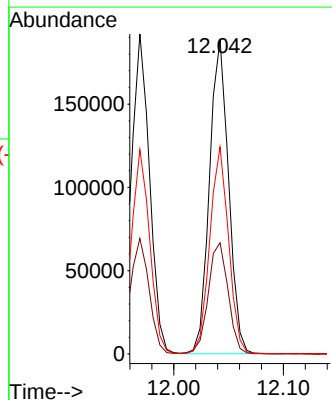
Tgt Ion:146 Resp: 228260

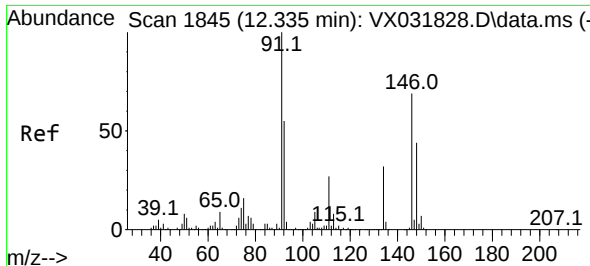
Ion Ratio Lower Upper

146 100

111 37.0 20.5 61.5

148 65.0 32.0 96.2





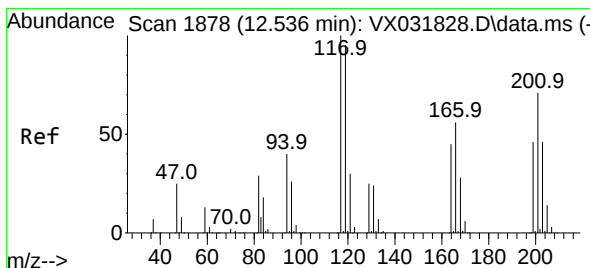
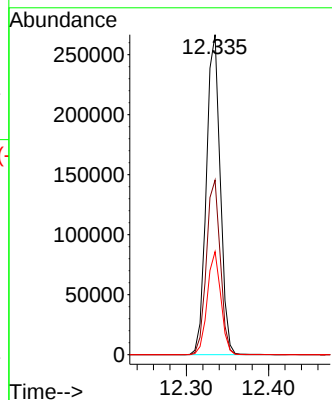
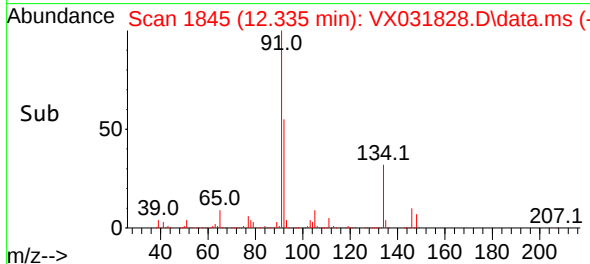
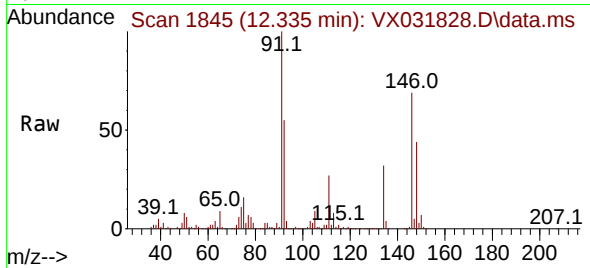
#89
n-Butylbenzene
Concen: 44.975 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 31239
Ion Ratio Lower Upper
91 100
92 54.7 27.0 81.0
134 31.4 13.3 39.9

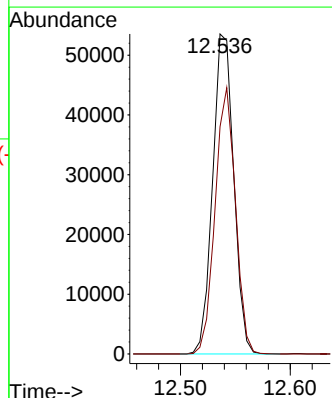
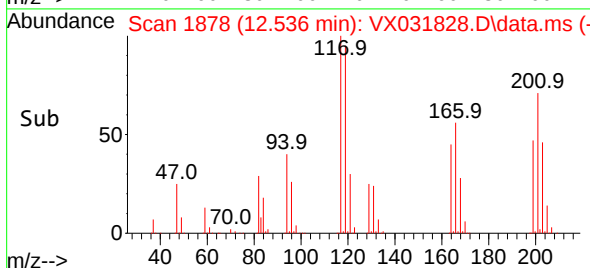
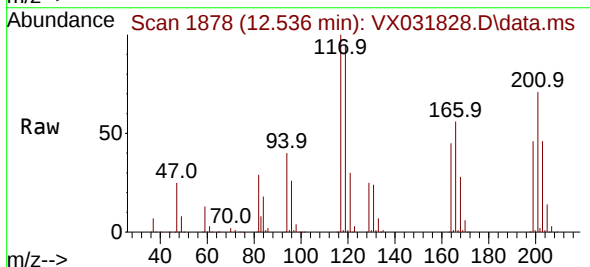
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 44.428 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

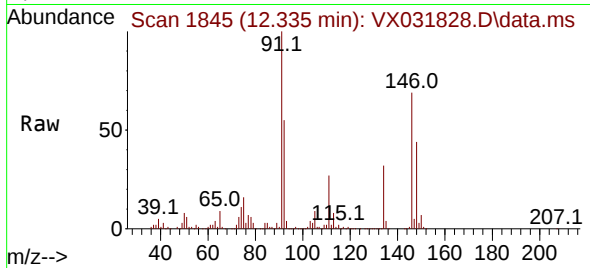
Tgt Ion:117 Resp: 71513
Ion Ratio Lower Upper
117 100
201 80.5 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 43.812 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

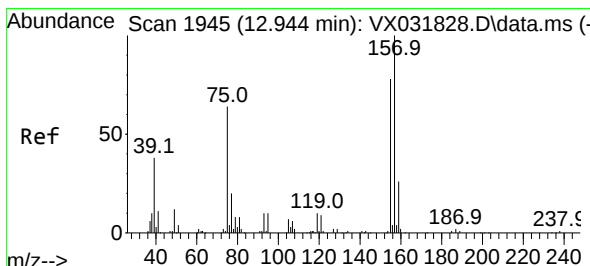
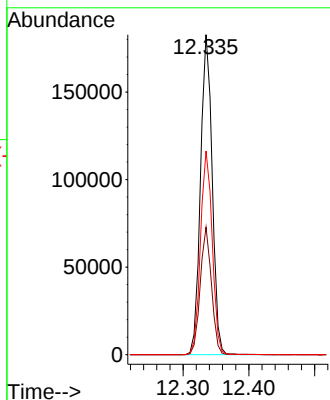
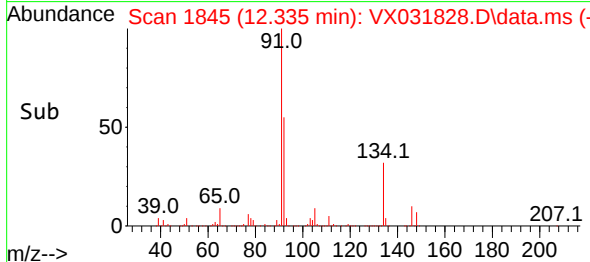
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 225329
Ion Ratio Lower Upper
146 100
111 38.4 20.6 61.8
148 64.0 31.6 95.0

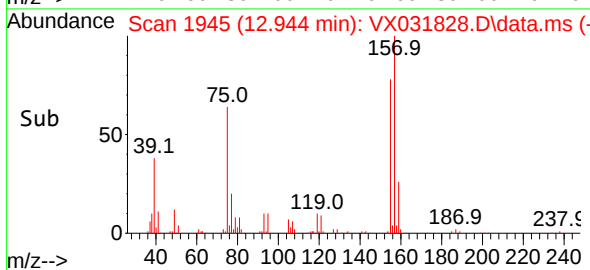
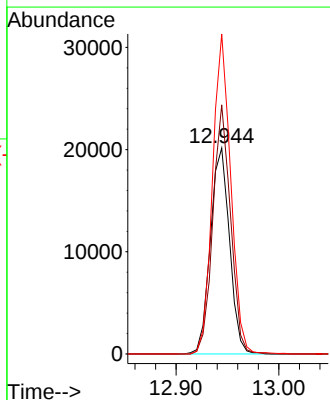
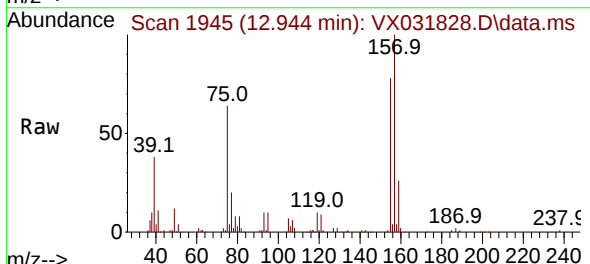
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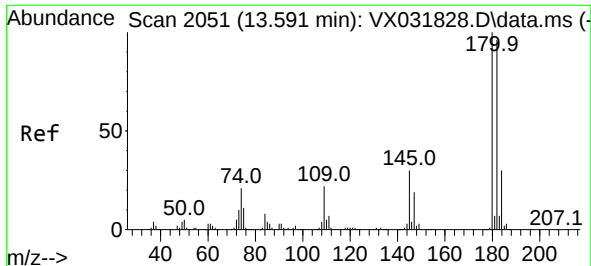
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.916 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

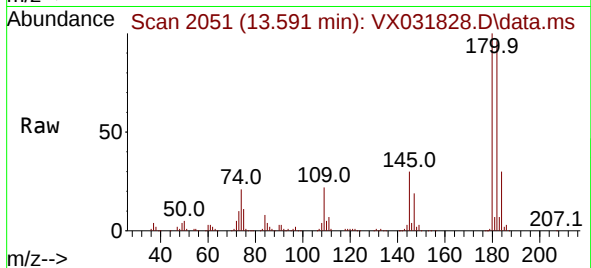
Tgt Ion: 75 Resp: 26090
Ion Ratio Lower Upper
75 100
155 111.8 40.3 120.8
157 147.3 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 46.494 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

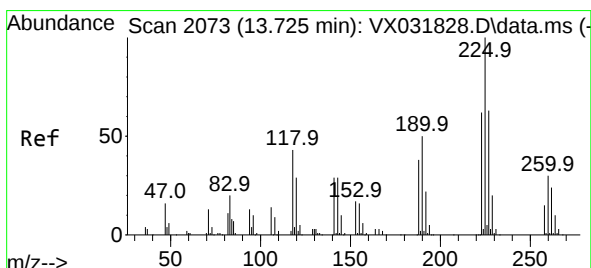
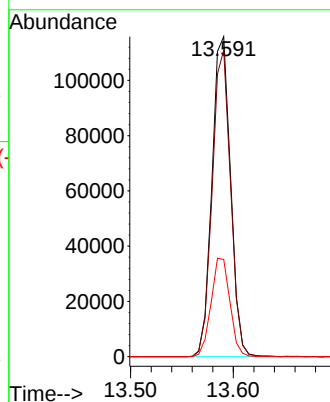
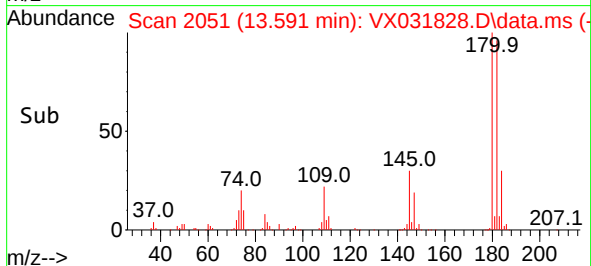
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 145299
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 31.3 16.7 50.1

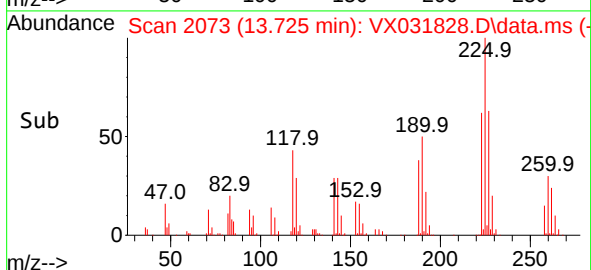
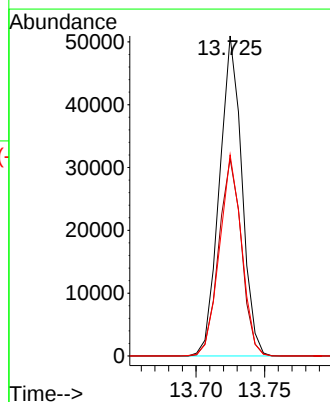
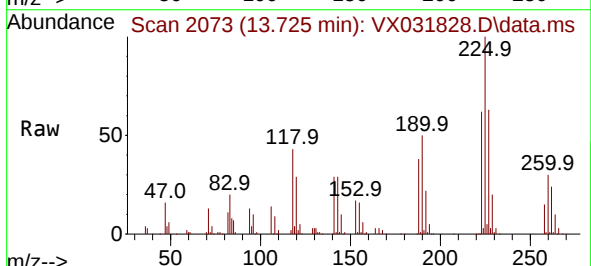
Manual Integrations
APPROVED

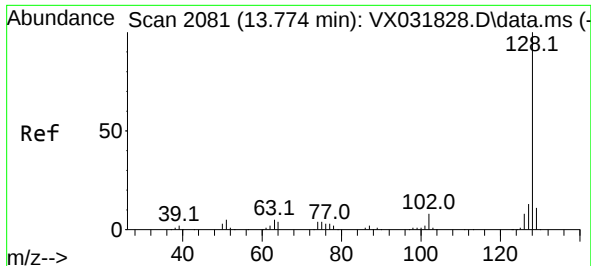
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#94
Hexachlorobutadiene
Concen: 46.829 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

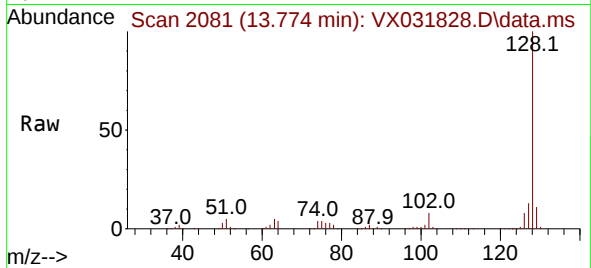
Tgt Ion:225 Resp: 57835
Ion Ratio Lower Upper
225 100
223 62.4 30.8 92.4
227 61.9 32.3 96.9





#95
Naphthalene
Concen: 46.301 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

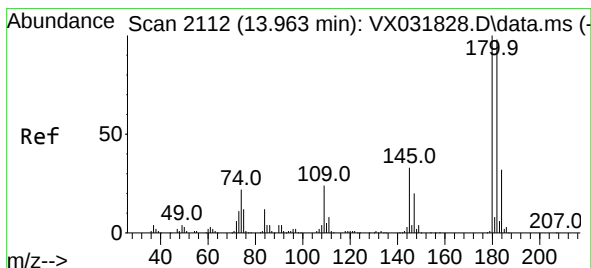
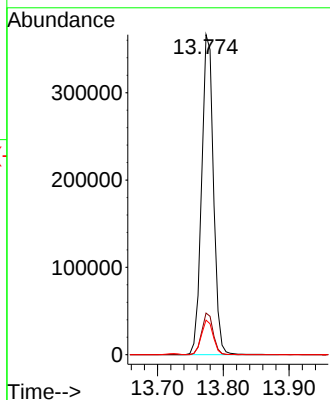
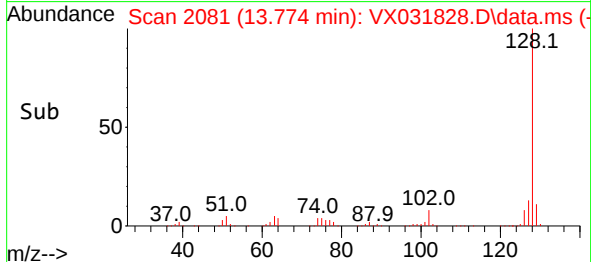
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 458568
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.926 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031828.D
Acq: 03 Oct 2022 11:22

Tgt Ion:180 Resp: 142868
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 32.3 17.6 52.8

