

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033366.D
 Acq On : 12 Dec 2022 11:44
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:26:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:25:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	13947	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	97328	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107162	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35260	26.206	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.367%#		
60) 4-Bromofluorobenzene	11.079	95	59255	28.907	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.367%		
63) Toluene-d8	8.653	98	105134	29.071	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84999	68.861	ug/l	100
3) Chloromethane	1.294	50	88901	72.579	ug/l	95
4) Vinyl Chloride	1.374	62	103825	74.964	ug/l	98
5) Bromomethane	1.617	94	74189	60.336	ug/l	99
6) Chloroethane	1.691	64	72416	66.196	ug/l	92
7) Trichlorofluoromethane	1.886	101	202817	75.965	ug/l	99
8) Diethyl Ether	2.136	74	65669	76.074	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	112657	79.324	ug/l	97
10) 1,1-Dichloroethene	2.325	96	108849	80.226	ug/l	99
11) Methyl Iodide	2.453	142	134334	92.095	ug/l	99
12) Methyl Acetate	2.703	43	144879	72.085	ug/l	92
13) Acrolein	2.239	56	124225	463.505	ug/l	97
14) Acrylonitrile	3.068	53	263948	366.348	ug/l	99
15) Acetone	2.392	58	94002	501.743	ug/l	98
16) Carbon Disulfide	2.514	76	277061	82.030	ug/l	100
17) Allyl chloride	2.666	41	168226	78.033	ug/l	94
18) Methylene Chloride	2.794	84	116051	74.167	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	119279	79.808	ug/l #	86
20) Diisopropyl ether	3.757	45	353112	73.046	ug/l	91
21) 1,1-Dichloroethane	3.611	63	206227	75.995	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	140831	80.702	ug/l	92
23) tert-Butyl Alcohol	3.014	59	106621m	455.767	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	372667	76.706	ug/l	97
25) Chloroform	5.099	83	231863	76.607	ug/l	99
26) Cyclohexane	5.470	56	182566	77.037	ug/l #	86
29) 1,1-Dichloropropene	5.696	75	168254	77.947	ug/l	98
30) 2-Butanone	4.562	43	386567	384.076	ug/l	94
31) 2,2-Dichloropropane	4.477	77	175974	95.323	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	214457	78.982	ug/l	97
33) Carbon Tetrachloride	5.678	117	194499	81.584	ug/l	99
34) Benzene	6.043	78	480250	78.963	ug/l	98
35) Methacrylonitrile	4.922	41	82314	72.209	ug/l	96
36) 1,2-Dichloroethane	6.086	62	177538	70.908	ug/l	95
37) Trichloroethene	7.129	130	138376	81.327	ug/l	95
38) Methylcyclohexane	7.379	83	199656	82.553	ug/l	91
39) 1,2-Dichloropropane	7.433	63	121153	78.697	ug/l	97
40) Dibromomethane	7.580	93	90937	77.367	ug/l	99
41) Bromodichloromethane	7.824	83	185535	82.815	ug/l	98
42) Vinyl Acetate	3.721	43	1385277	358.192	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	144123	71.184	ug/l	# 87
44) Isopropyl Acetate	6.342	43	244803	72.150	ug/l	98
45) 1,4-Dioxane	7.708	88	57456	1762.973	ug/l	93
46) Methyl methacrylate	7.690	41	123861	72.515	ug/l	85
47) n-amyl Acetate	10.841	43	212050	70.301	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	196556	85.518	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	210037	86.544	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	129907	80.383	ug/l	97
51) Ethyl methacrylate	9.116	69	191965	79.535	ug/l	91
52) 1,3-Dichloropropane	9.311	76	207981	78.716	ug/l	99
53) Dibromochloromethane	9.525	129	153343	87.248	ug/l	99
54) 1,2-Dibromoethane	9.610	107	142595	81.913	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	440481	377.646	ug/l	95
56) Bromoform	10.799	173	114400	90.915	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	732205	349.039	ug/l	96
59) 2-Hexanone	9.433	43	553492	358.354	ug/l	96
61) Tetrachloroethene	9.275	164	118773	79.306	ug/l	96
62) Toluene	8.720	91	553406	79.409	ug/l	99
64) Chlorobenzene	10.079	112	351076	81.483	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	137884	84.008	ug/l	99
66) Ethyl Benzene	10.195	91	626373	80.118	ug/l	98
67) m/p-Xylenes	10.305	106	494345	162.504	ug/l	94
68) o-Xylene	10.640	106	242067	81.097	ug/l	95
69) Styrene	10.658	104	405983	81.811	ug/l	97
70) Isopropylbenzene	10.963	105	633302	79.452	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	184894	76.488	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	168368m	80.198	ug/l	
73) Bromobenzene	11.201	156	158825	82.022	ug/l	92
74) n-propylbenzene	11.305	91	732429	80.873	ug/l	96
75) 2-Chlorotoluene	11.366	91	436007	79.515	ug/l	94
76) 1,3,5-Trimethylbenzene	11.451	105	538228	79.875	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	58617	91.498	ug/l	92
78) 4-Chlorotoluene	11.457	91	500648	79.263	ug/l	95
79) tert-butylbenzene	11.713	119	530977	81.085	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	523681	79.486	ug/l	96
81) sec-Butylbenzene	11.890	105	640840	81.287	ug/l	96
82) p-Isopropyltoluene	12.012	119	545640	82.125	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	291738	82.120	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	289677	81.197	ug/l	98
85) n-Butylbenzene	12.335	91	467286	82.981	ug/l	97
86) Hexachloroethane	12.536	117	97476	89.369	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	283271	80.209	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	40146	78.281	ug/l	90
89) 1,2,4-Trichlorobenzene	13.591	180	183996	84.832	ug/l	99
90) Hexachlorobutadiene	13.725	225	74135	84.923	ug/l	99
91) Naphthalene	13.774	128	594225	81.171	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	181750	83.316	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

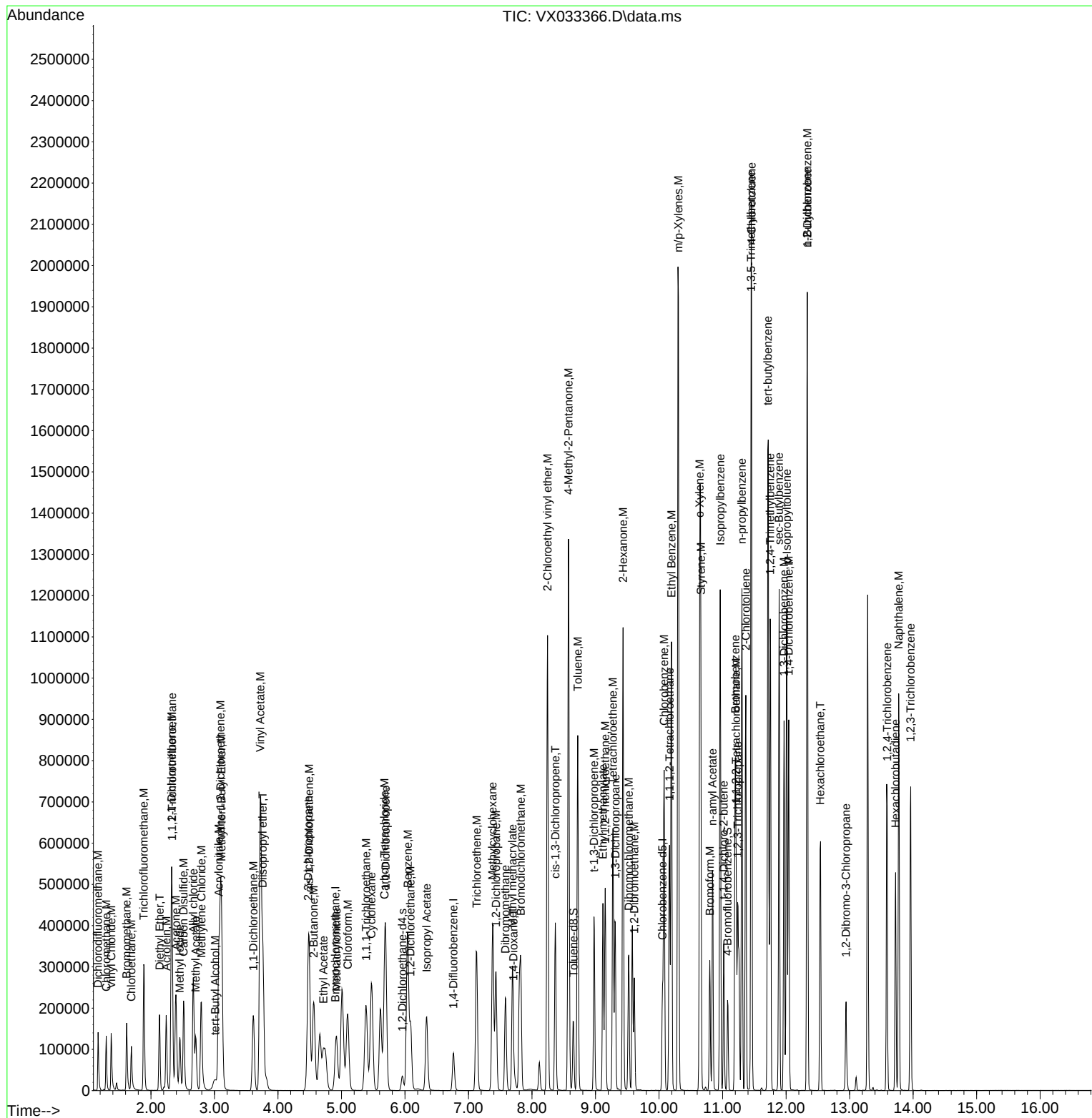
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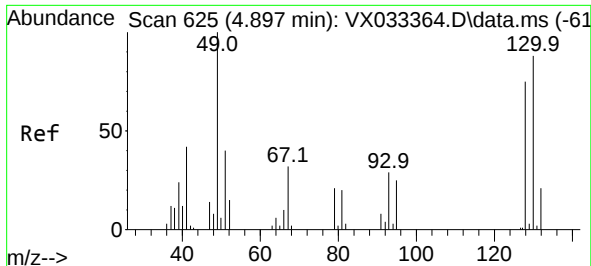
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations APPROVED

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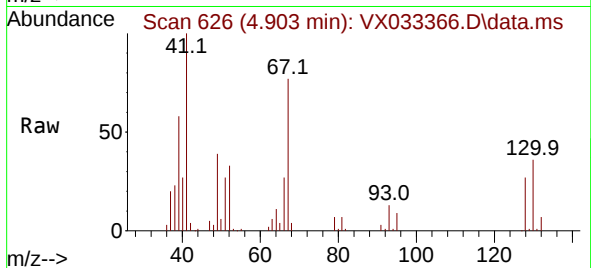
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

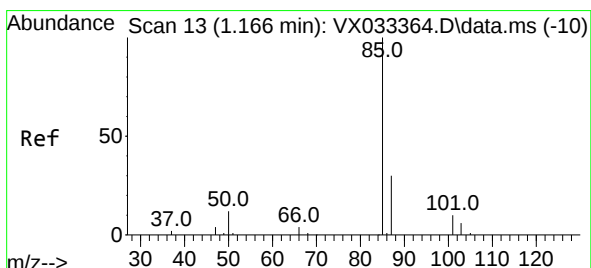
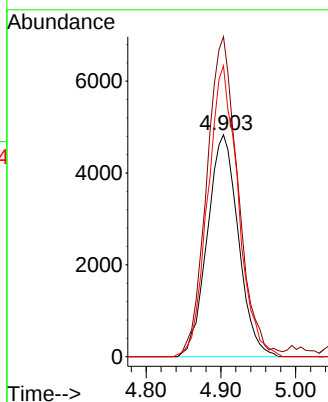
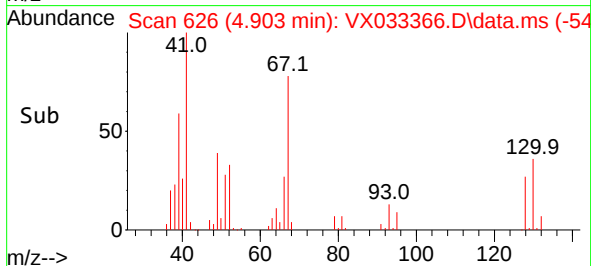
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 1394
Ion Ratio Lower Upper
128 100
49 144.4 0.0 293.0
130 128.3 0.0 321.5

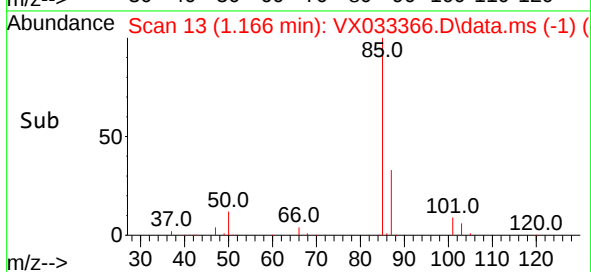
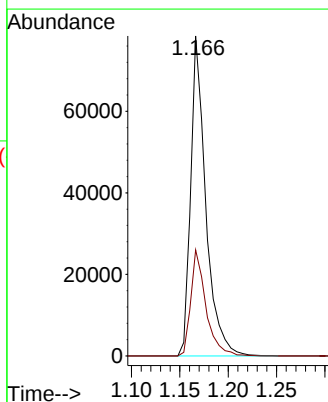
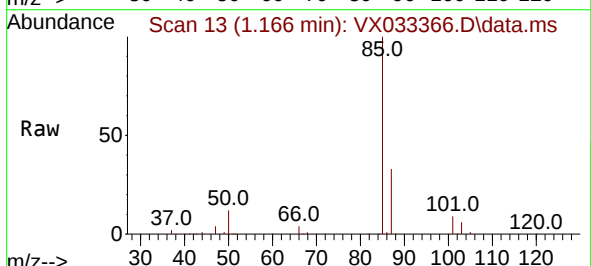
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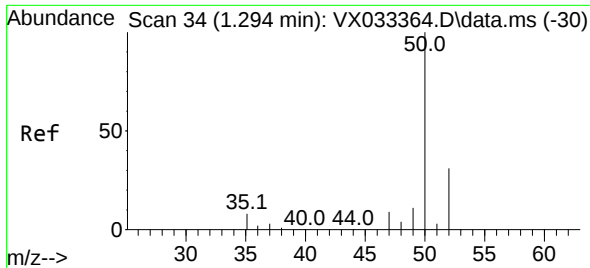
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 68.861 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 85 Resp: 84999
Ion Ratio Lower Upper
85 100
87 33.1 16.5 49.5





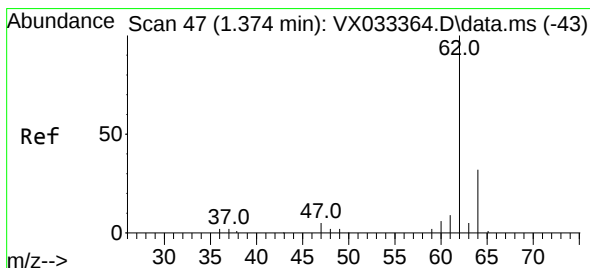
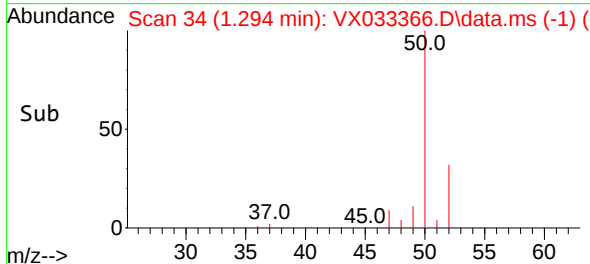
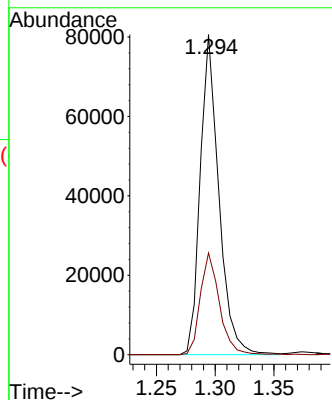
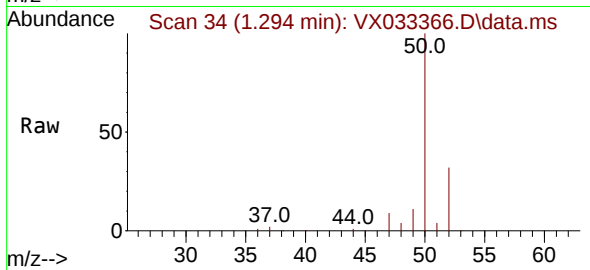
#3
Chloromethane
Concen: 72.579 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 8890
Ion Ratio Lower Upper
50 100
52 31.8 27.6 41.4

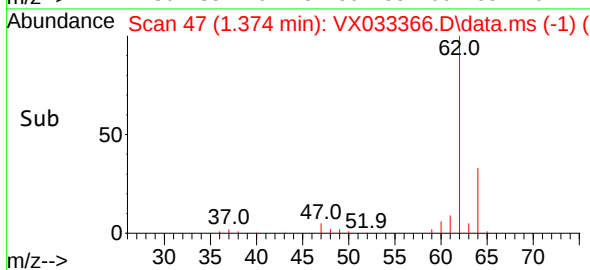
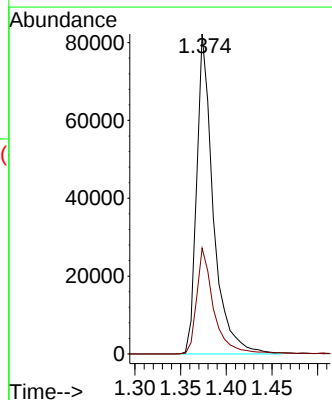
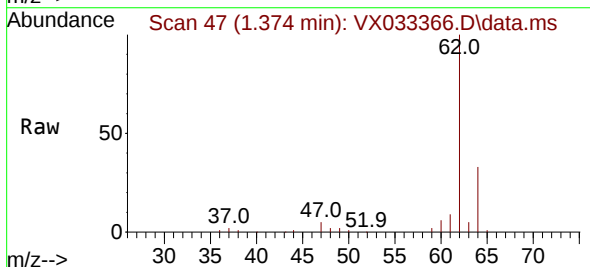
Manual Integrations
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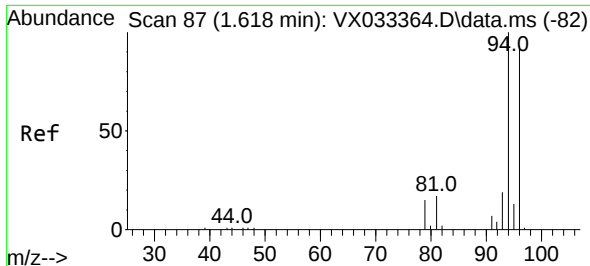
Reviewed By :John Carlone 12/13/2022
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#4
Vinyl Chloride
Concen: 74.964 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

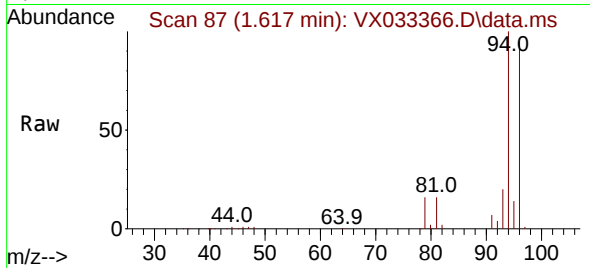
Tgt Ion: 62 Resp: 103825
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5





#5
Bromomethane
Concen: 60.336 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

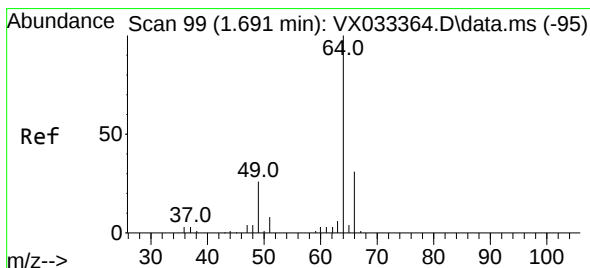
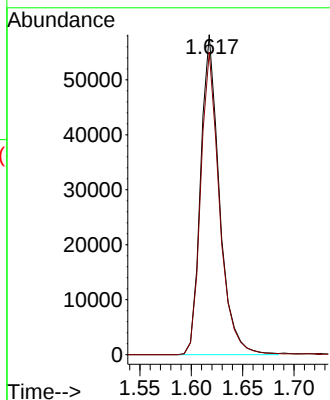
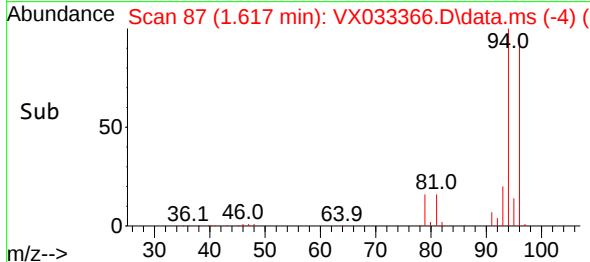
Instrument :
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ClientSampleId :
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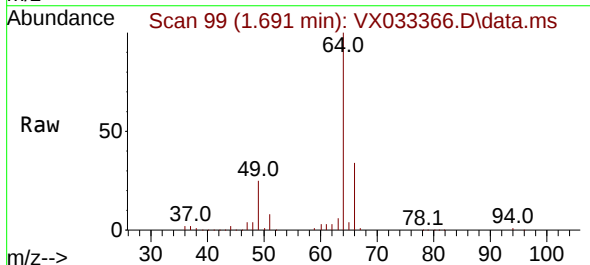
Tgt Ion: 94 Resp: 74189
Ion Ratio Lower Upper
94 100
96 94.6 76.8 115.2

Manual Integrations
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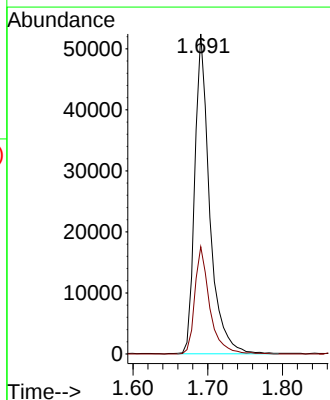
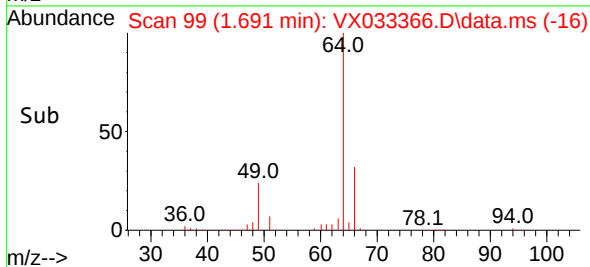
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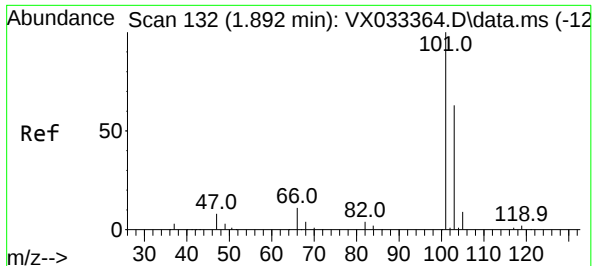


#6
Chloroethane
Concen: 66.196 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



Tgt Ion: 64 Resp: 72416
Ion Ratio Lower Upper
64 100
66 33.6 30.6 46.0





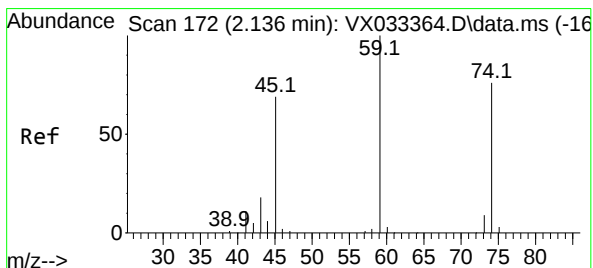
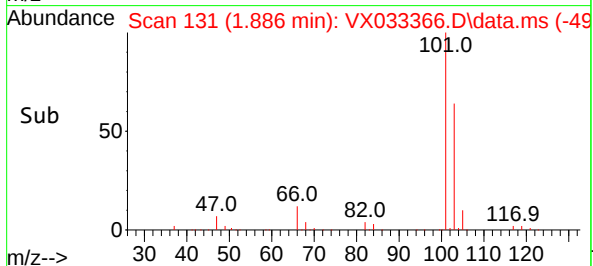
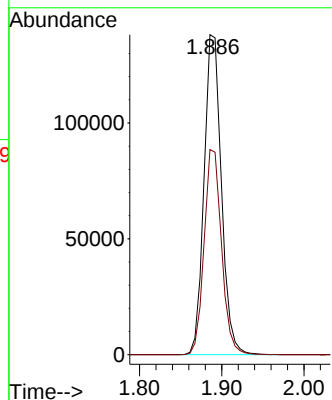
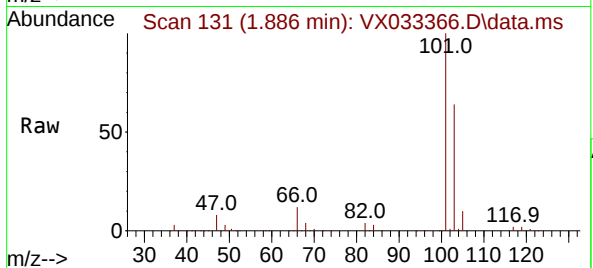
#7
Trichlorofluoromethane
Concen: 75.965 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 20281
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

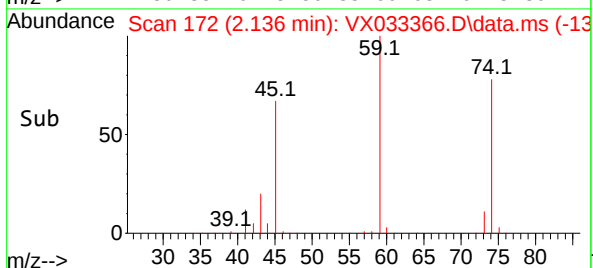
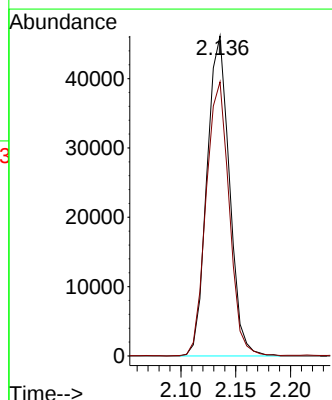
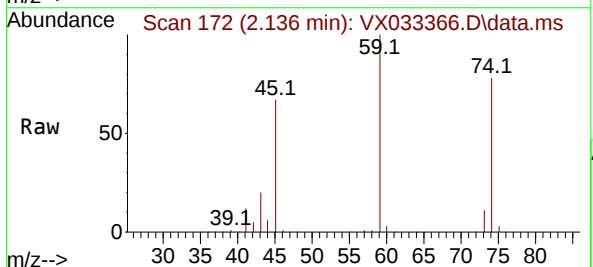
Manual Integrations
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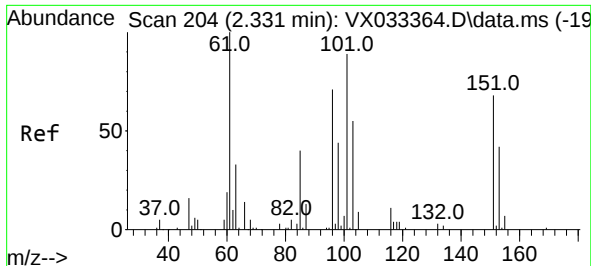
Reviewed By :John Carlone 12/13/2022
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#8
Diethyl Ether
Concen: 76.074 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 74 Resp: 65669
Ion Ratio Lower Upper
74 100
45 87.7 14.2 127.8





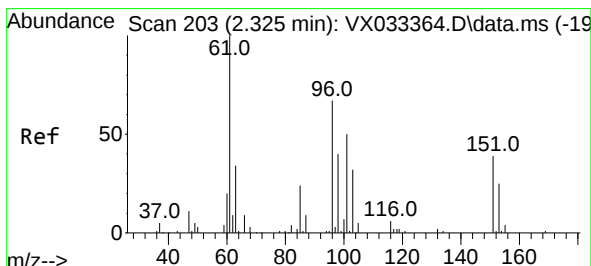
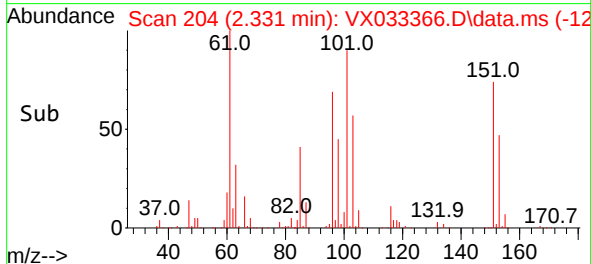
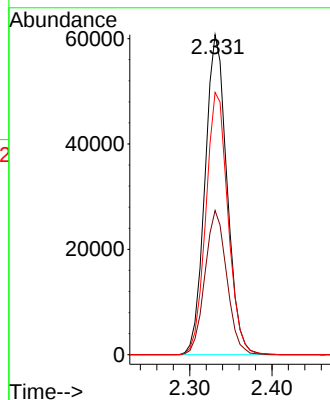
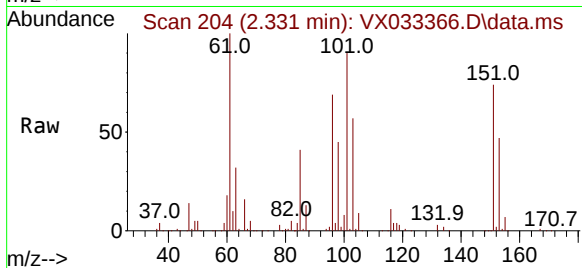
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1,1,2-Trichlorotrifluoroethane
Concen: 79.324 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

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MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 11265
Ion Ratio Lower Upper
101 100
85 44.8 0.0 88.8
151 82.6 0.0 156.6

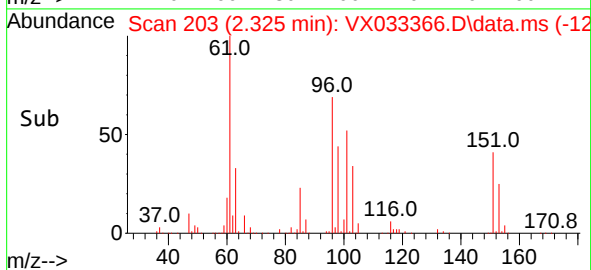
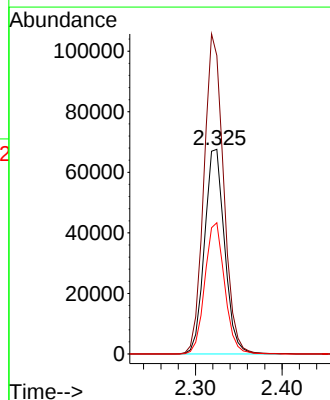
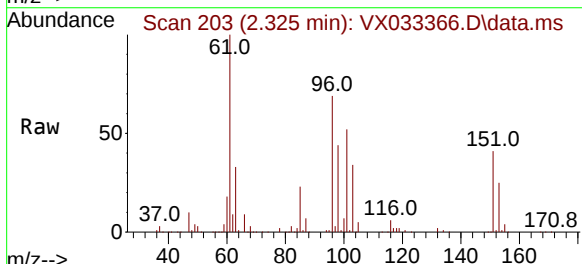
Manual Integrations
APPROVED

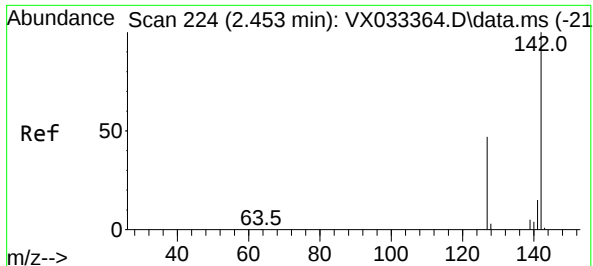
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
1,1-Dichloroethene
Concen: 80.226 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

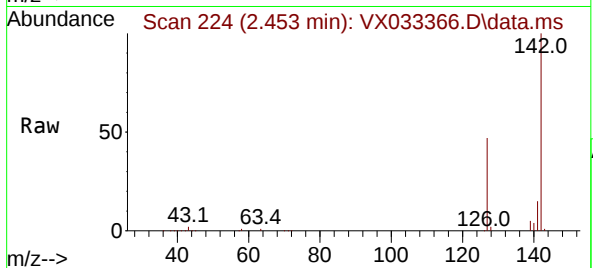
Tgt Ion: 96 Resp: 108849
Ion Ratio Lower Upper
96 100
61 145.8 115.8 173.6
98 64.2 49.7 74.5





#11
Methyl Iodide
Concen: 92.095 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

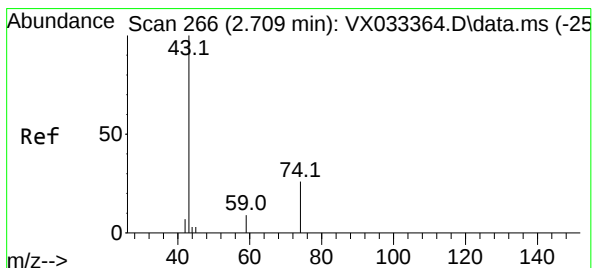
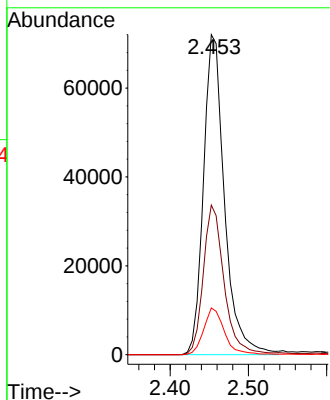
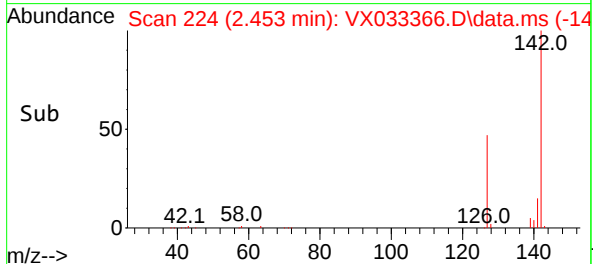
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



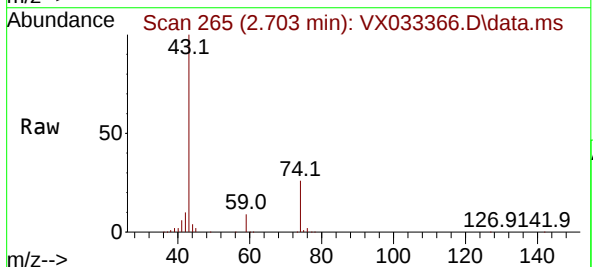
Tgt Ion:142 Resp: 134334
Ion Ratio Lower Upper
142 100
127 46.7 23.8 71.2
141 14.6 7.6 22.8

Manual Integrations
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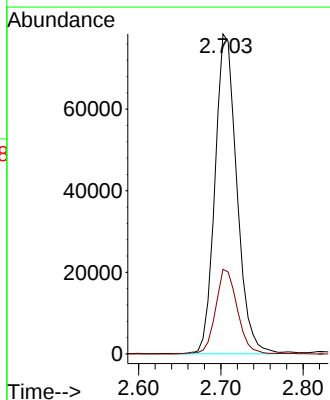
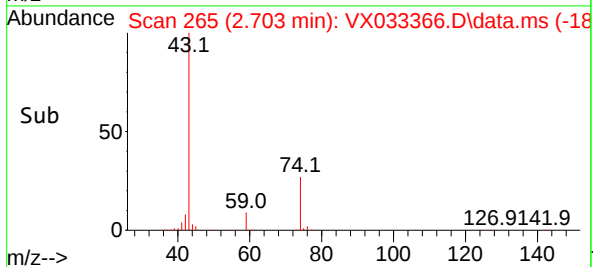
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

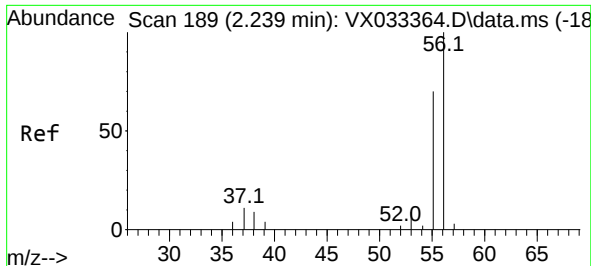


#12
Methyl Acetate
Concen: 72.085 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



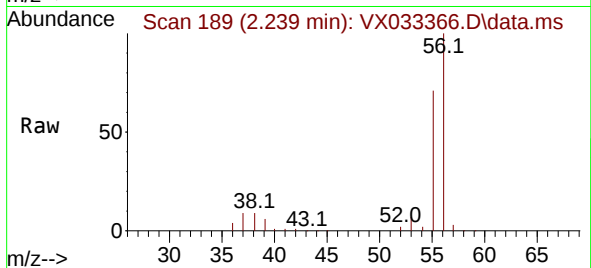
Tgt Ion: 43 Resp: 144879
Ion Ratio Lower Upper
43 100
74 26.4 24.8 37.2





#13
Acrolein
Concen: 463.505 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

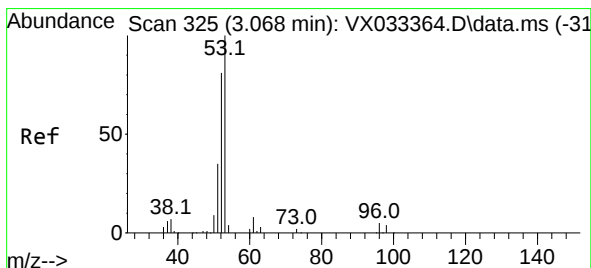
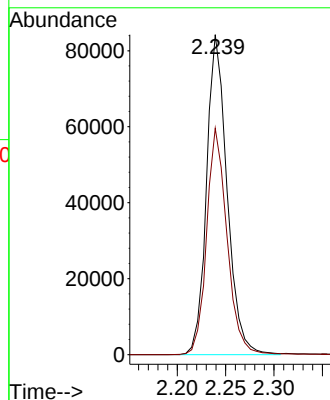
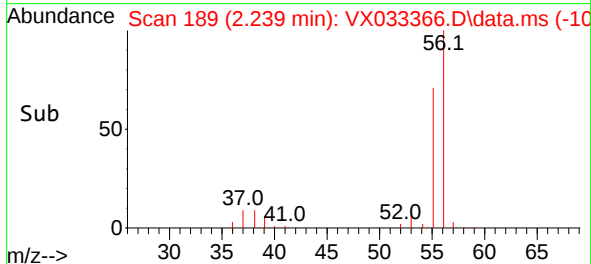
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 124225
Ion Ratio Lower Upper
56 100
55 70.5 58.4 87.6

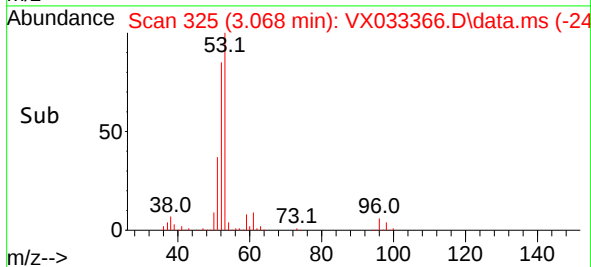
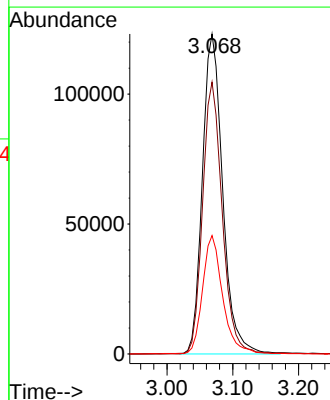
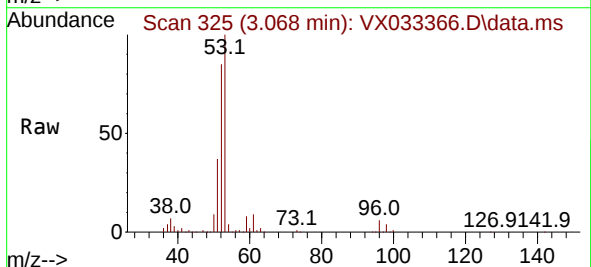
Manual Integrations
APPROVED

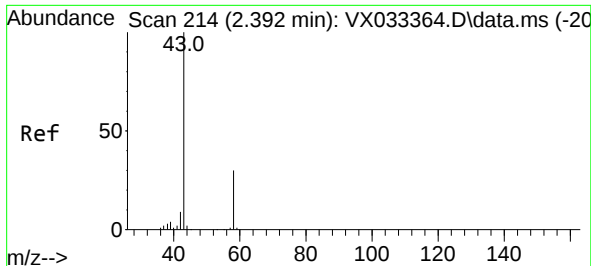
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#14
Acrylonitrile
Concen: 366.348 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 53 Resp: 263948
Ion Ratio Lower Upper
53 100
52 82.3 41.5 124.5
51 36.8 18.3 54.9





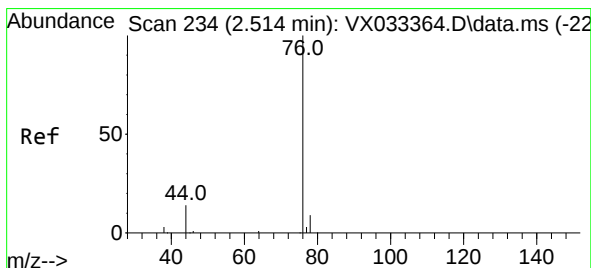
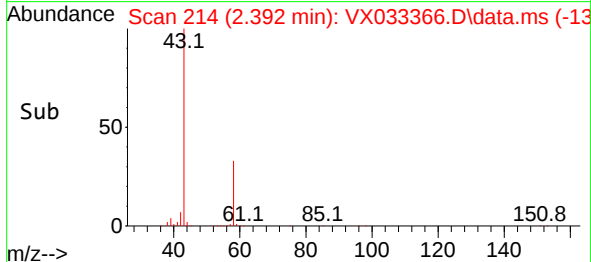
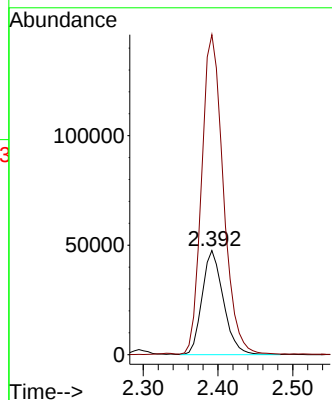
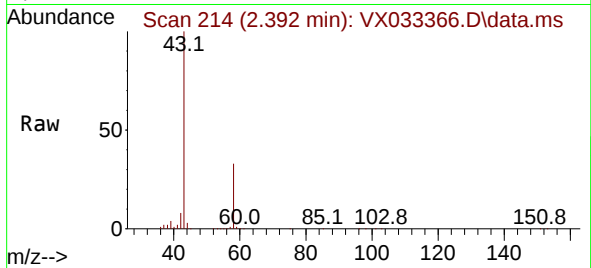
#15
Acetone
Concen: 501.743 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 58 Resp: 94002
Ion Ratio Lower Upper
58 100
43 307.1 242.6 364.0

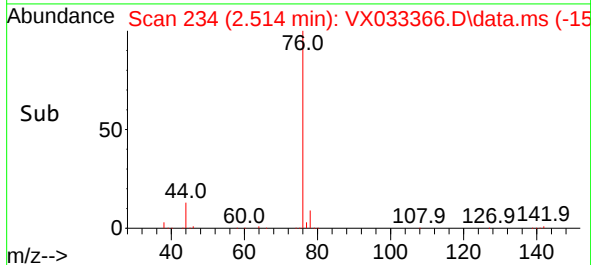
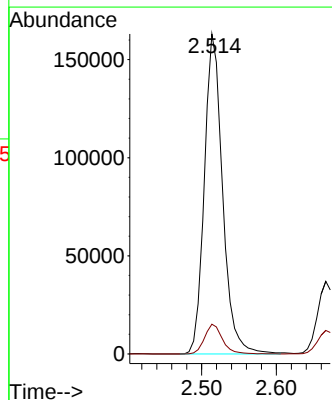
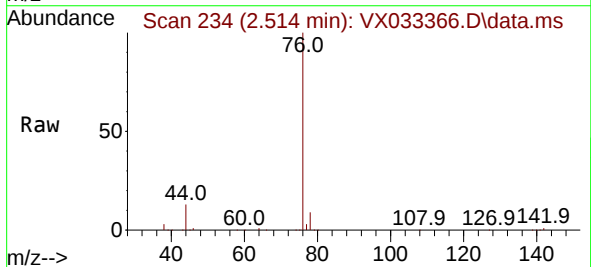
Manual Integrations
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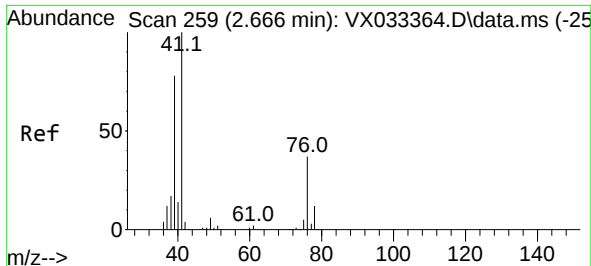
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Carbon Disulfide
Concen: 82.030 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 76 Resp: 277061
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3





#17

Allyl chloride

Concen: 78.033 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 168220

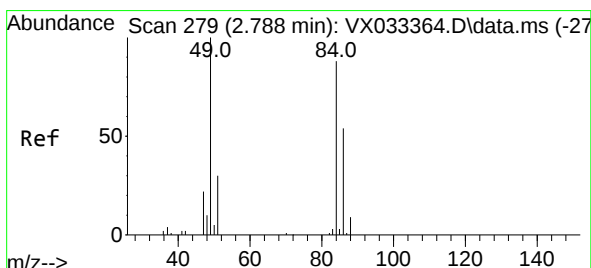
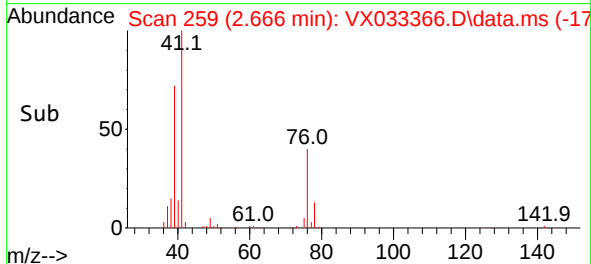
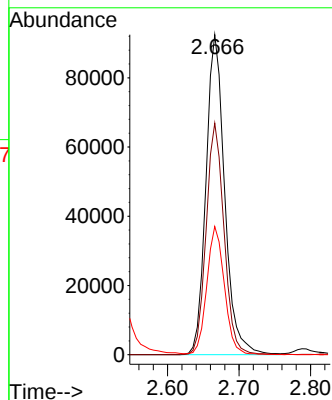
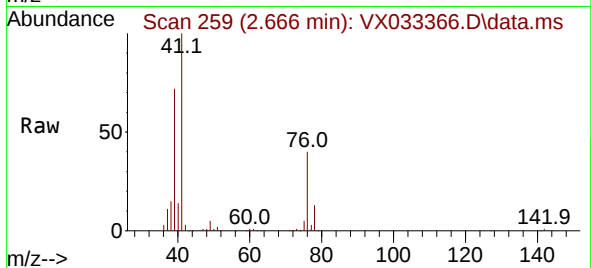
Ion	Ratio	Lower	Upper
41	100		
39	72.4	37.0	111.0
76	40.0	23.8	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#18

Methylene Chloride

Concen: 74.167 ug/l

RT: 2.794 min Scan# 280

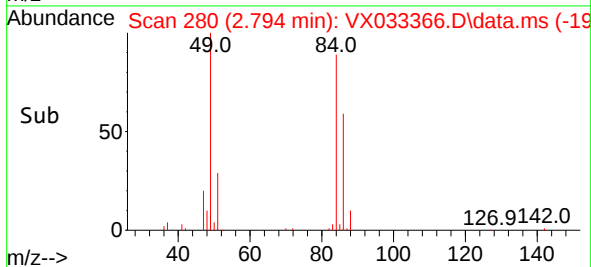
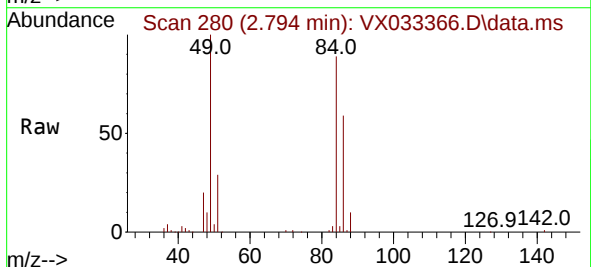
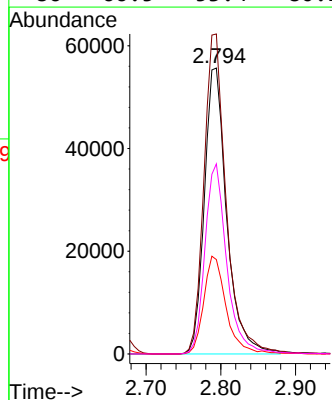
Delta R.T. 0.006 min

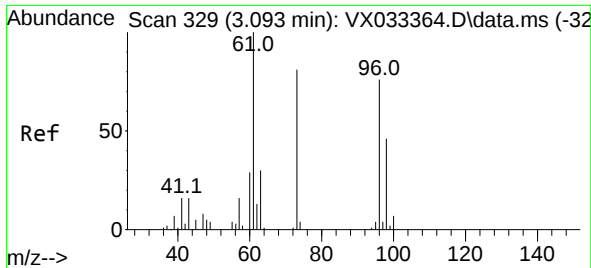
Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Tgt Ion: 84 Resp: 116051

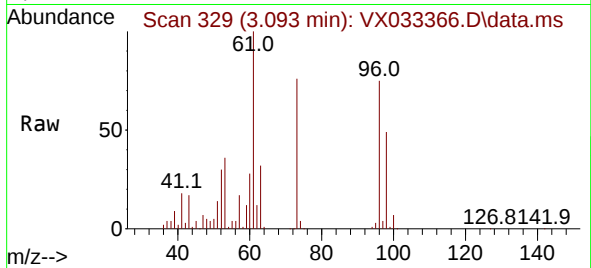
Ion	Ratio	Lower	Upper
84	100		
49	111.9	84.6	127.0
51	33.0	26.5	39.7
86	66.5	53.4	80.2





#19
trans-1,2-Dichloroethene
Concen: 79.808 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

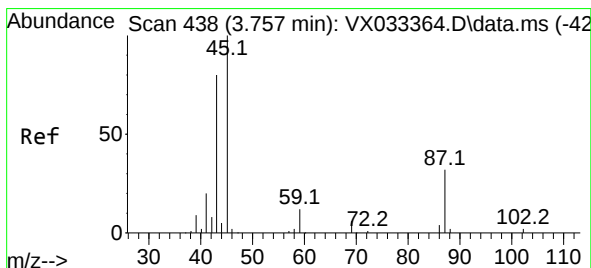
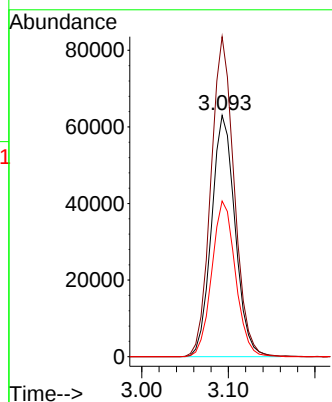
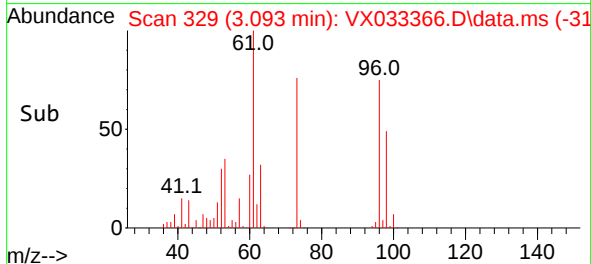
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 119279
Ion Ratio Lower Upper
96 100
61 132.6 87.4 131.0
98 64.5 51.5 77.3

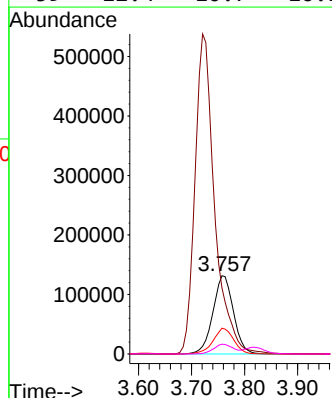
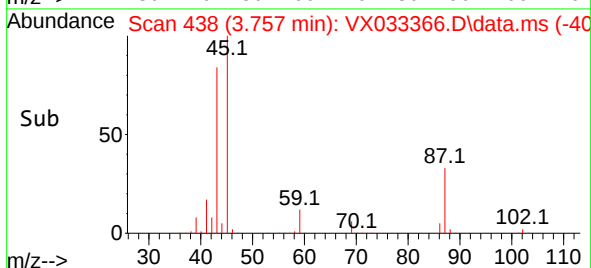
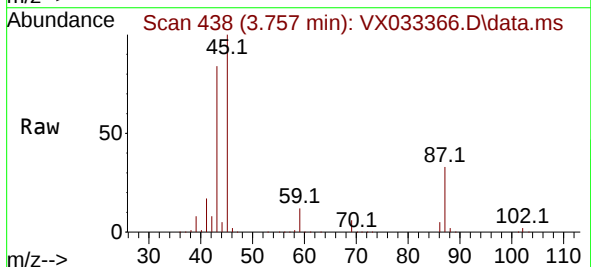
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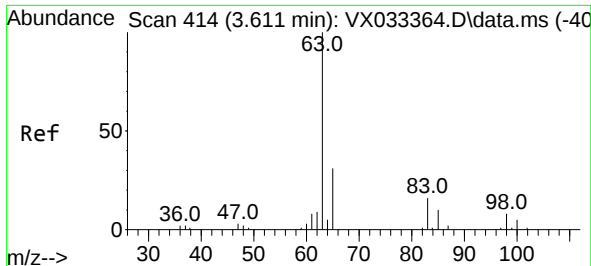
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Diisopropyl ether
Concen: 73.046 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 45 Resp: 353112
Ion Ratio Lower Upper
45 100
43 83.9 74.5 111.7
87 32.9 30.4 45.6
59 12.4 10.7 16.1





#21

1,1-Dichloroethane

Concen: 75.995 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 20622

Ion Ratio Lower Upper

63 100

98 7.0 4.5 13.7

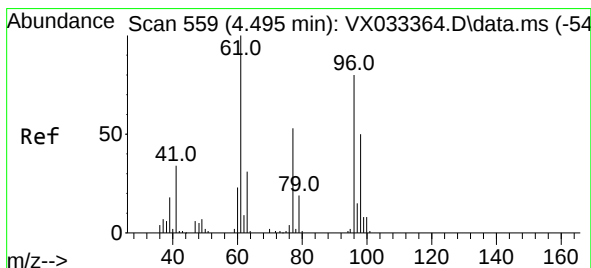
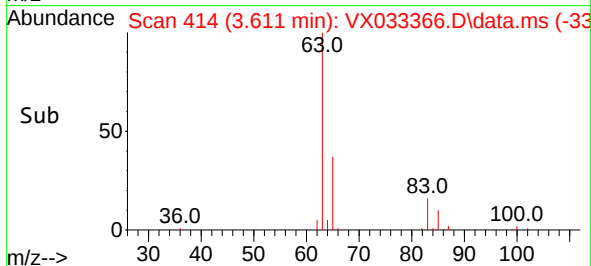
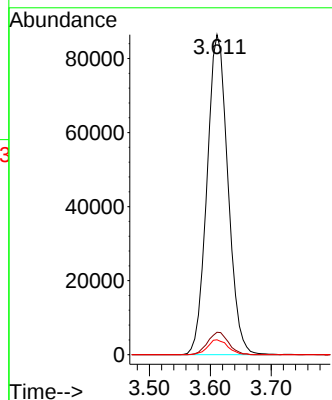
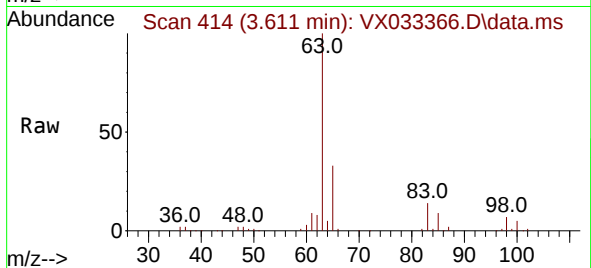
100 4.7 2.8 8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#22

cis-1,2-Dichloroethene

Concen: 80.702 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

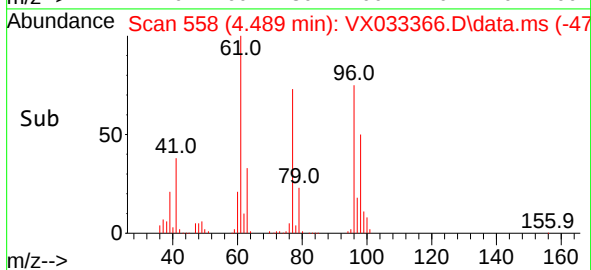
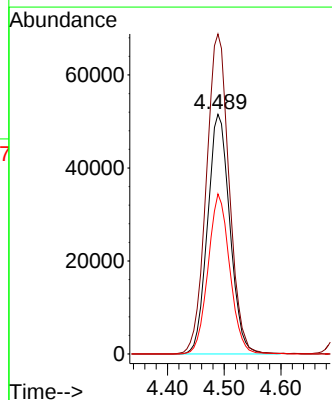
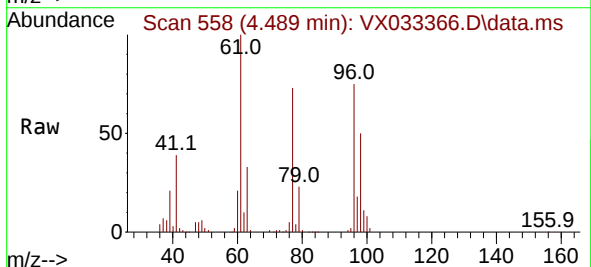
Tgt Ion: 96 Resp: 140831

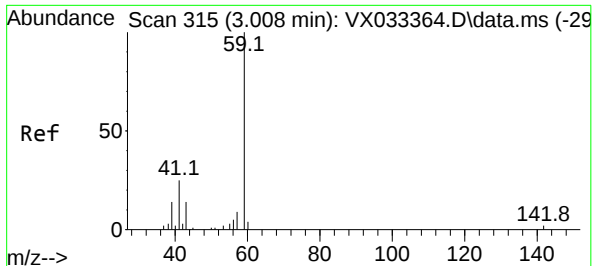
Ion Ratio Lower Upper

96 100

61 136.8 98.0 147.0

98 65.0 52.2 78.4





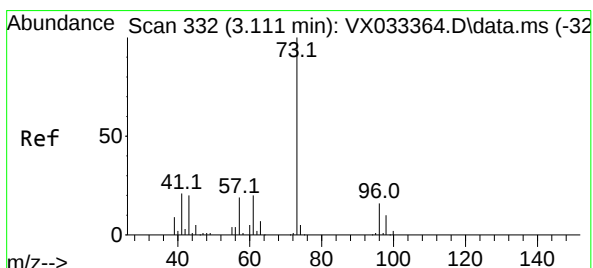
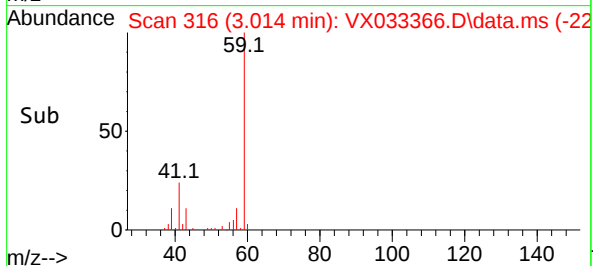
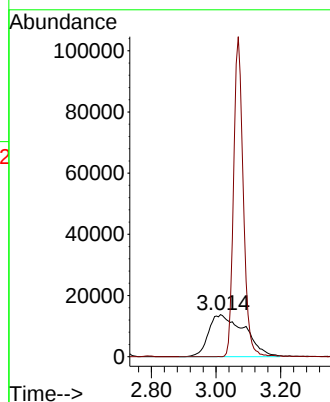
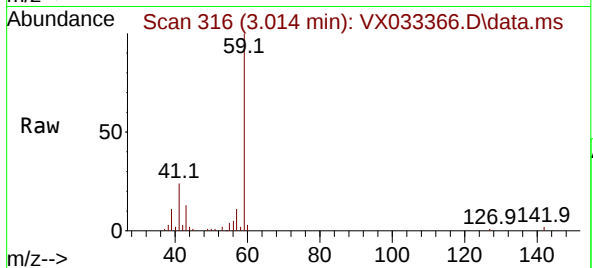
#23
tert-Butyl Alcohol
Concen: 455.767 ug/l m
RT: 3.014 min Scan# 315
Delta R.T. 0.030 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 10662
Ion Ratio Lower Upper
59 100
52 203.7 0.0 0.0

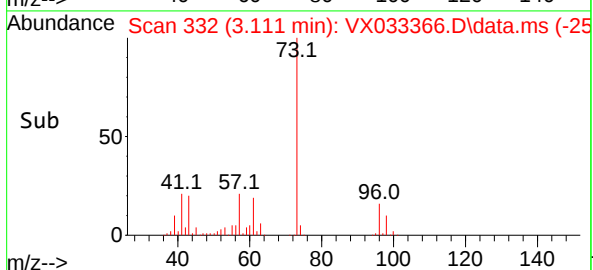
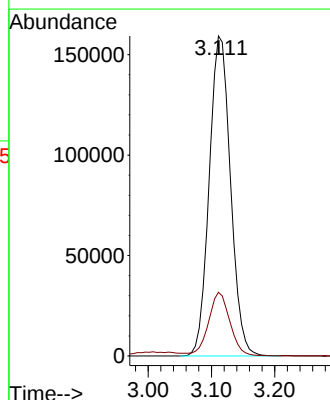
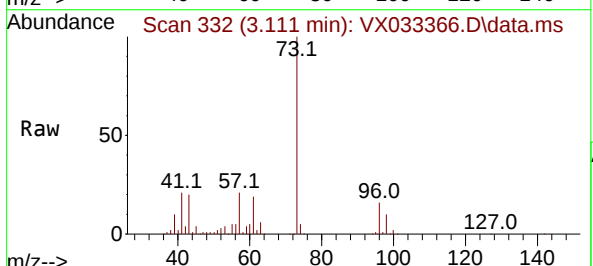
Manual Integrations
APPROVED

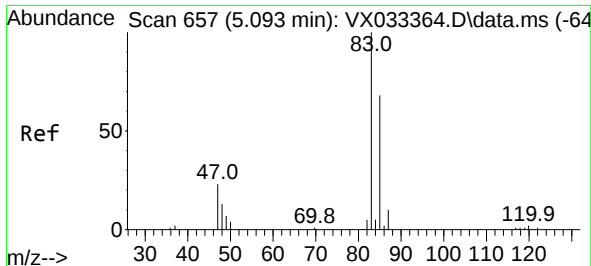
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#24
Methyl tert-Butyl Ether
Concen: 76.706 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 73 Resp: 372667
Ion Ratio Lower Upper
73 100
43 19.9 14.8 22.2





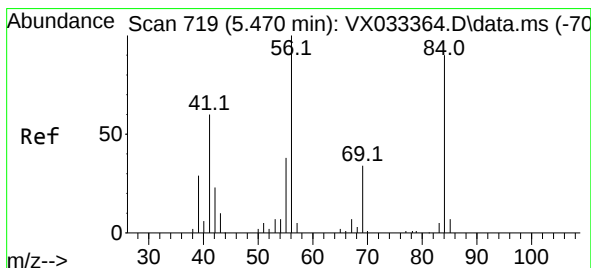
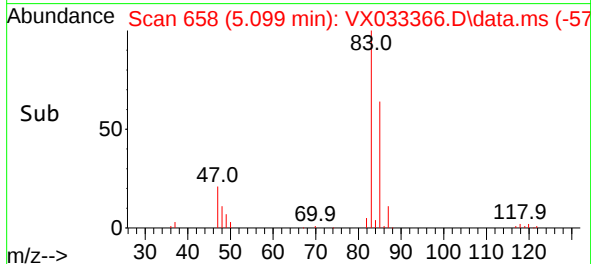
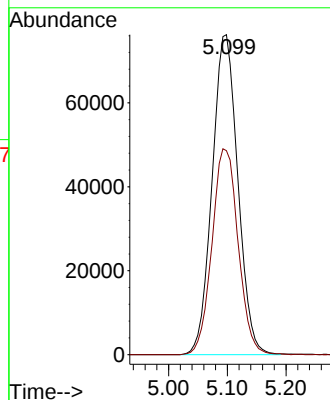
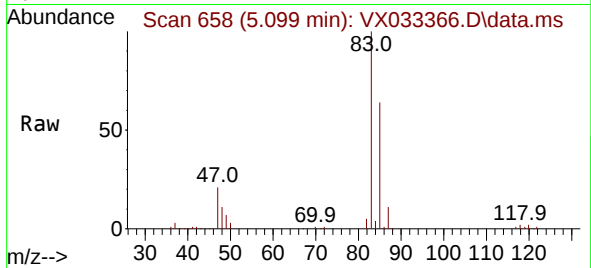
#25
Chloroform
Concen: 76.607 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 23186
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0

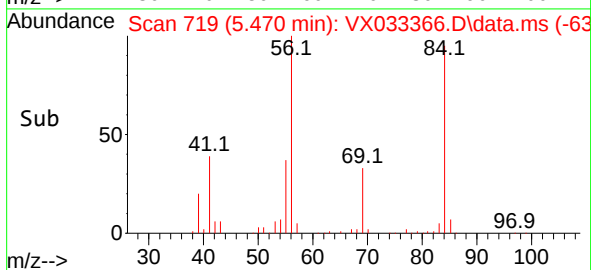
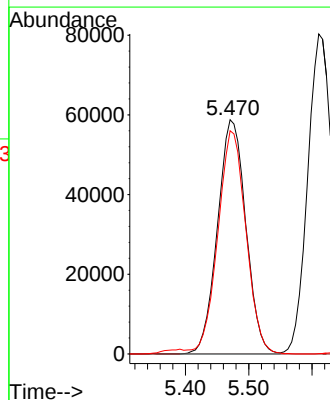
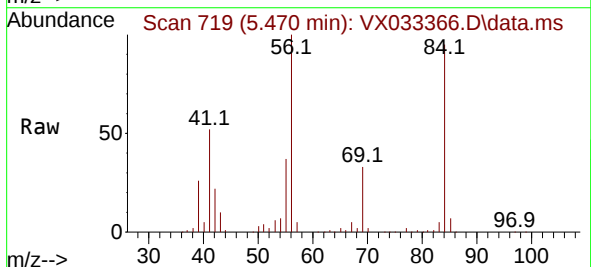
Manual Integrations
APPROVED

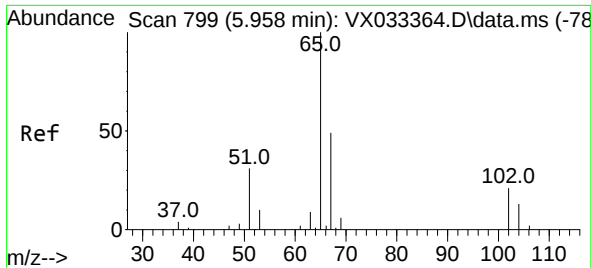
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#26
Cyclohexane
Concen: 77.037 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 56 Resp: 182566
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.0 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 26.206 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 35260

Ion Ratio Lower Upper

65 100

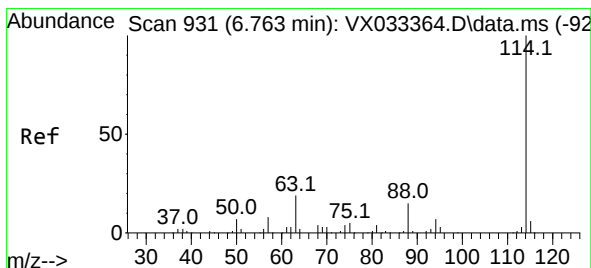
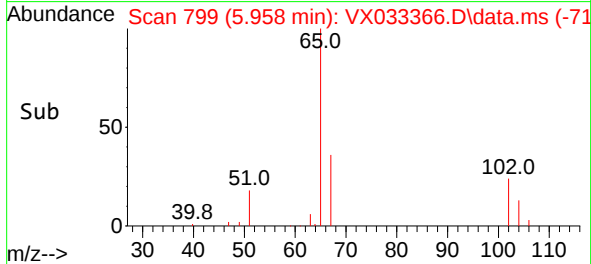
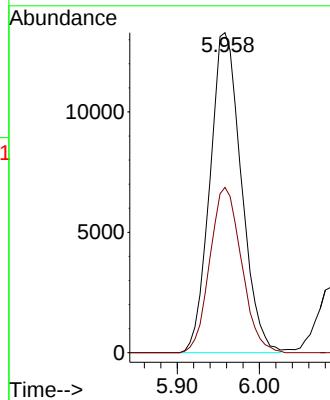
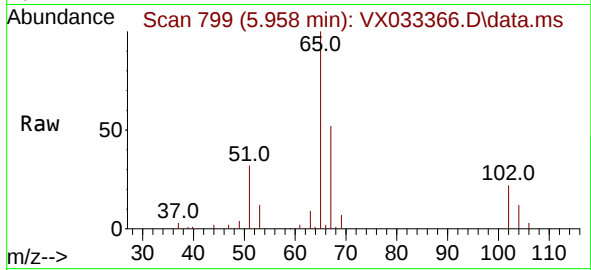
67 52.1 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

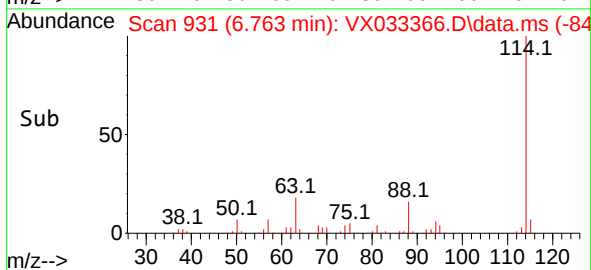
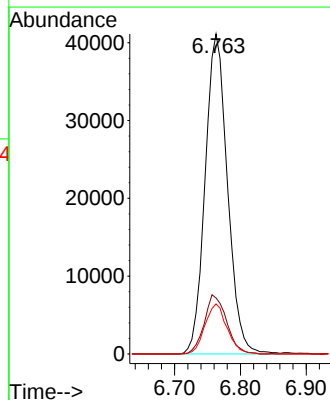
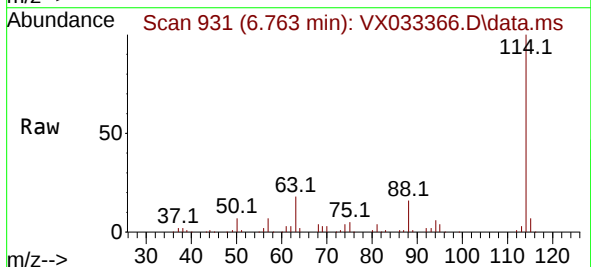
Tgt Ion:114 Resp: 97328

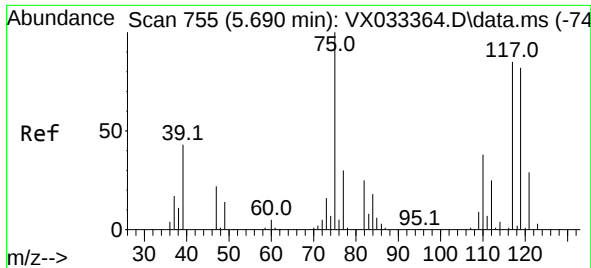
Ion Ratio Lower Upper

114 100

63 18.4 13.6 20.4

88 15.4 11.8 17.6





#29

1,1-Dichloropropene

Concen: 77.947 ug/l

RT: 5.696 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 168254

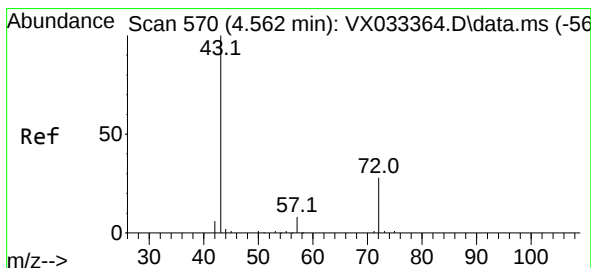
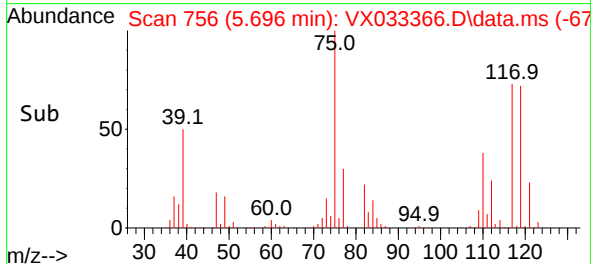
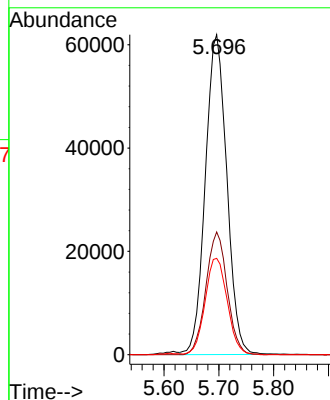
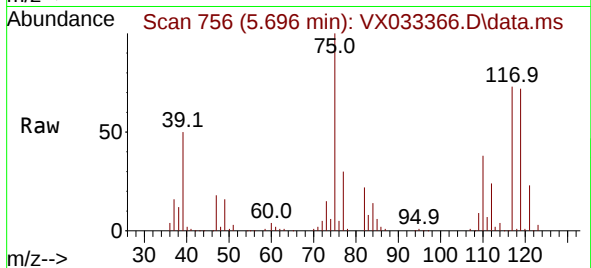
Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	80.4
77	31.2	0.0	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

2-Butanone

Concen: 384.076 ug/l

RT: 4.562 min Scan# 570

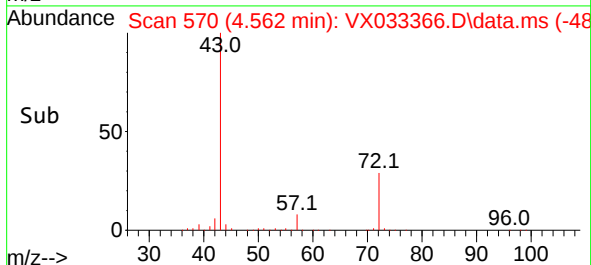
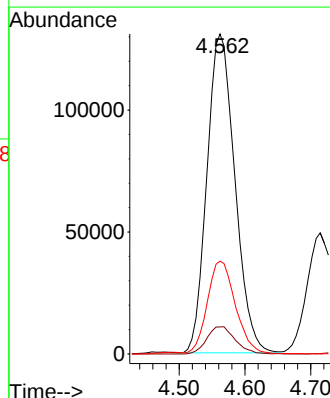
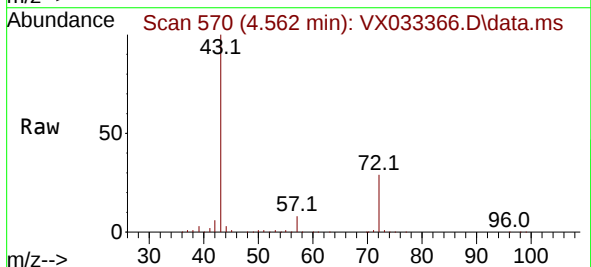
Delta R.T. -0.000 min

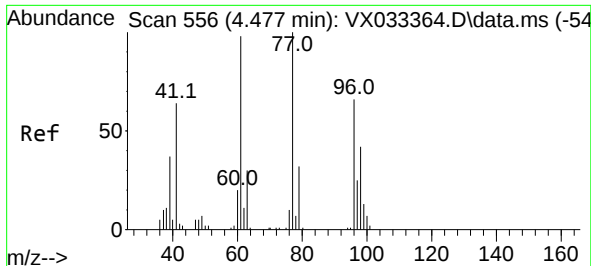
Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Tgt Ion: 43 Resp: 386567

Ion	Ratio	Lower	Upper
43	100		
57	8.7	7.5	11.3
72	29.1	26.6	39.8





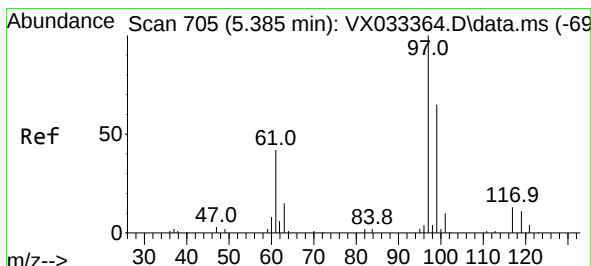
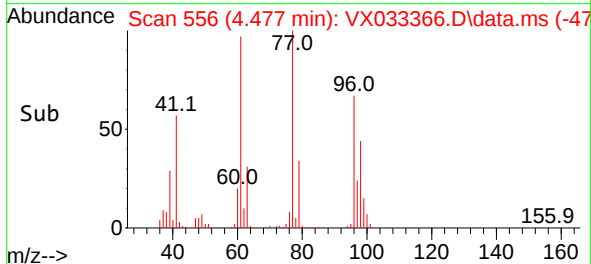
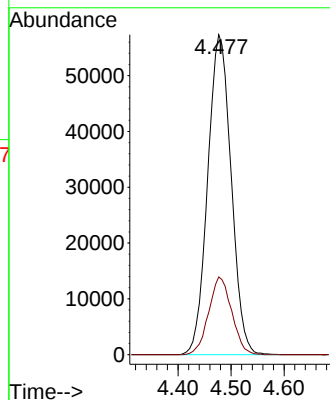
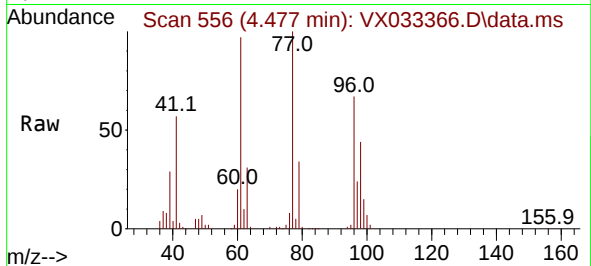
#31
2,2-Dichloropropane
Concen: 95.323 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 175974
Ion Ratio Lower Upper
77 100
97 23.9 20.0 30.0

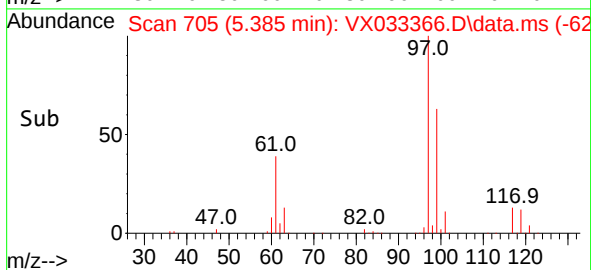
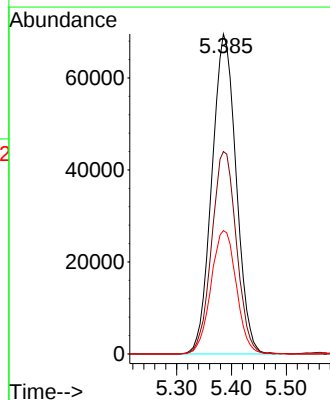
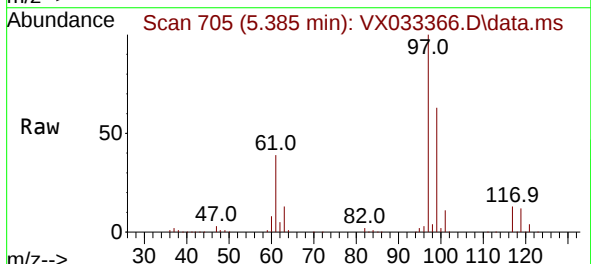
Manual Integrations
APPROVED

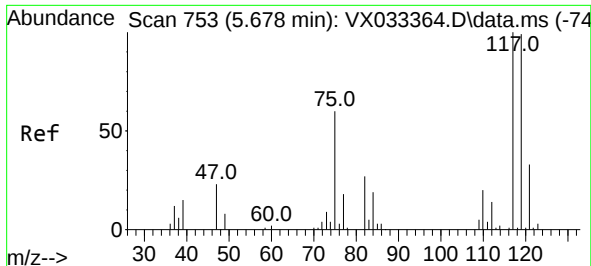
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#32
1,1,1-Trichloroethane
Concen: 78.982 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

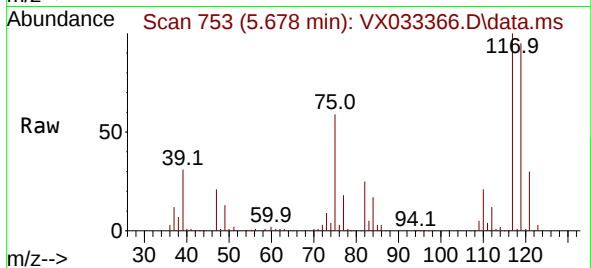
Tgt Ion: 97 Resp: 214457
Ion Ratio Lower Upper
97 100
99 64.4 53.8 80.6
61 40.2 31.3 46.9





#33
Carbon Tetrachloride
Concen: 81.584 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

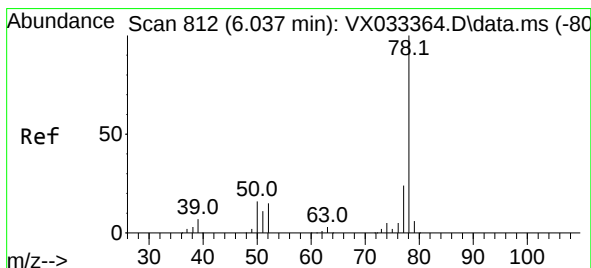
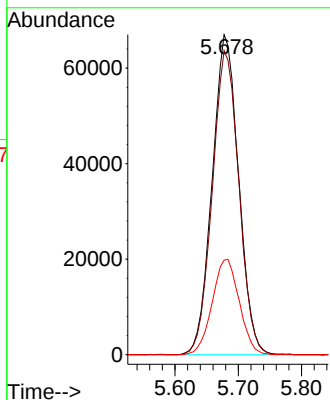
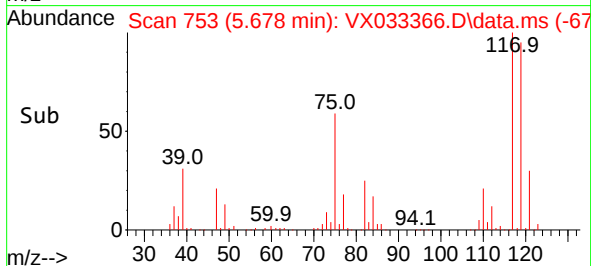
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



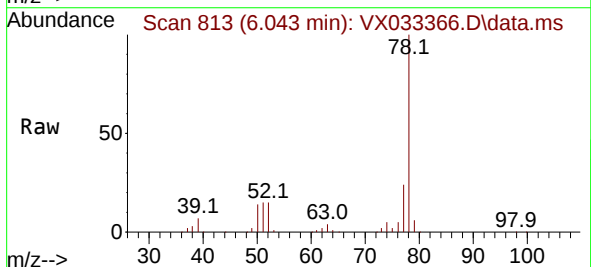
Tgt Ion:117 Resp: 194499
Ion Ratio Lower Upper
117 100
119 95.0 75.4 113.2
121 29.5 24.4 36.6

Manual Integrations
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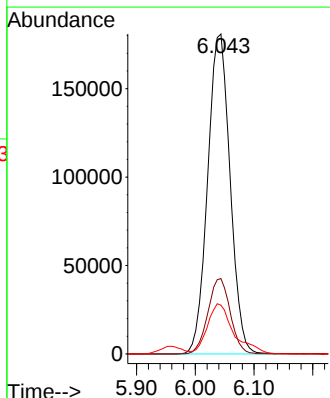
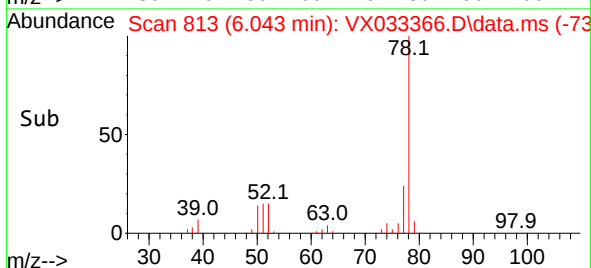
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

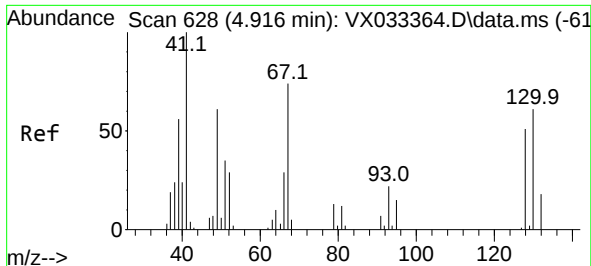


#34
Benzene
Concen: 78.963 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



Tgt Ion: 78 Resp: 480250
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6
51 15.1 10.6 15.8





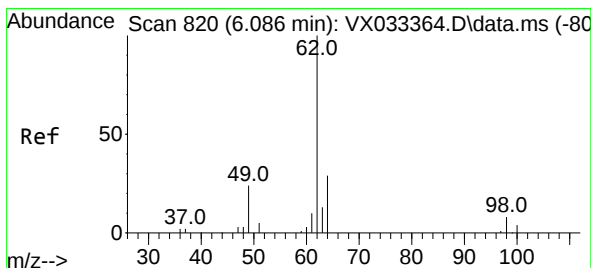
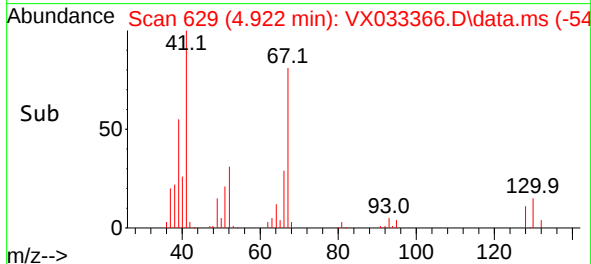
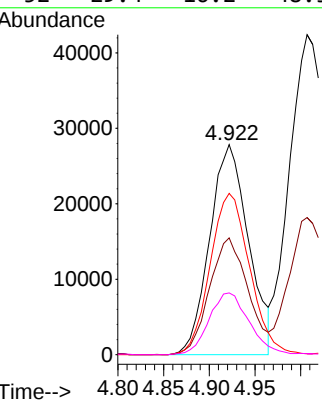
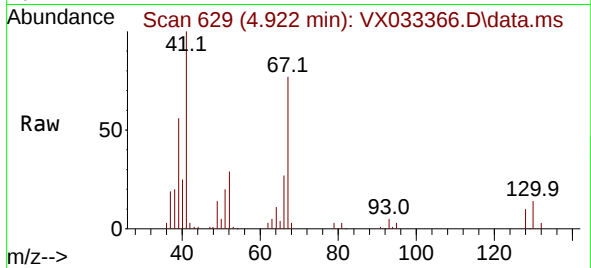
#35
Methacrylonitrile
Concen: 72.209 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 82314
Ion Ratio Lower Upper
41 100
39 55.6 26.9 80.7
67 76.7 40.6 121.8
52 29.4 16.2 48.5

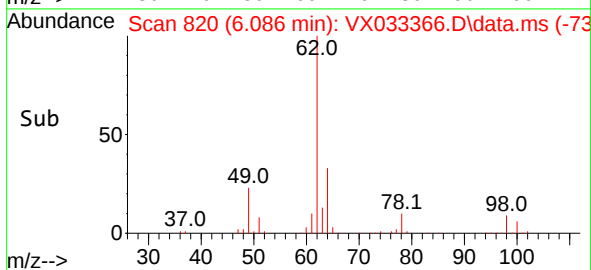
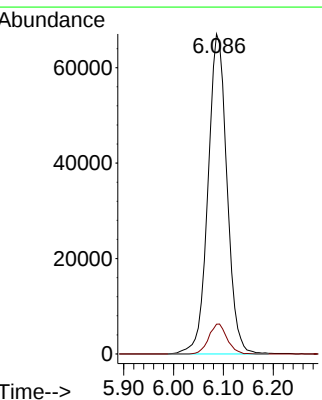
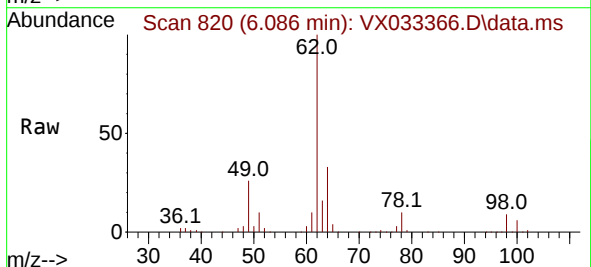
Manual Integrations
APPROVED

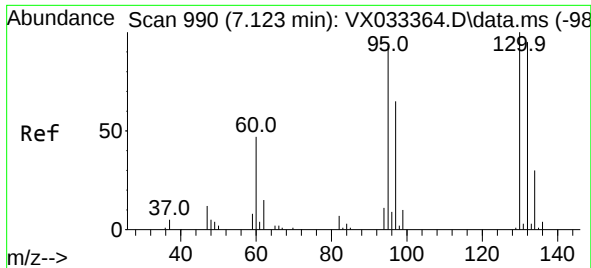
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#36
1,2-Dichloroethane
Concen: 70.908 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

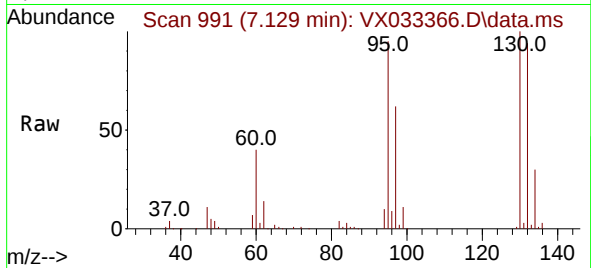
Tgt Ion: 62 Resp: 177538
Ion Ratio Lower Upper
62 100
98 9.0 8.8 13.2





#37
Trichloroethene
Concen: 81.327 ug/l
RT: 7.129 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

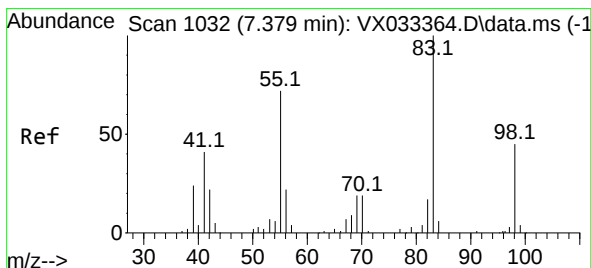
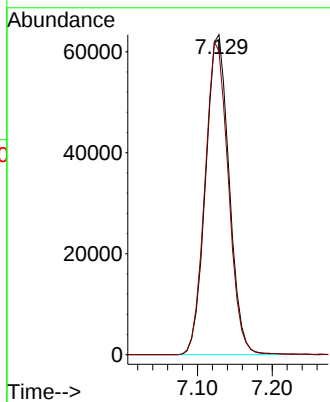
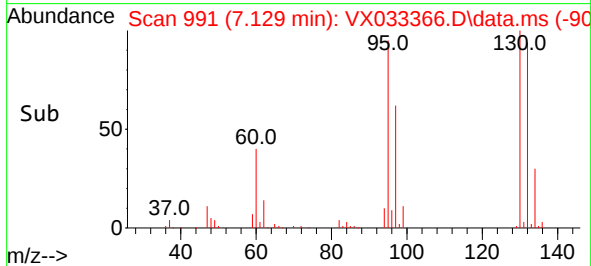
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:130 Resp: 138370
Ion Ratio Lower Upper
130 100
95 94.9 72.4 108.6

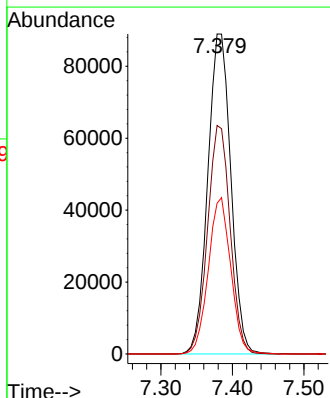
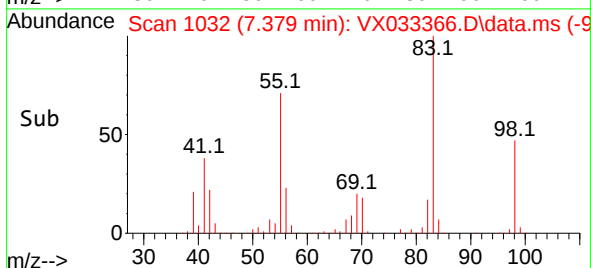
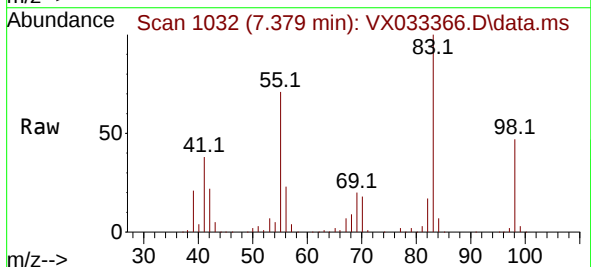
Manual Integrations
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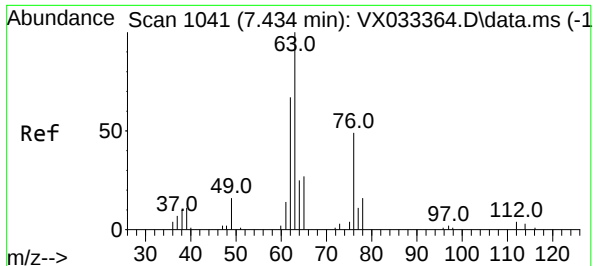
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Methylcyclohexane
Concen: 82.553 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 83 Resp: 199656
Ion Ratio Lower Upper
83 100
55 69.8 31.6 94.7
98 47.4 26.9 80.6





#39

1,2-Dichloropropane

Concen: 78.697 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 12115

Ion Ratio Lower Upper

63 100

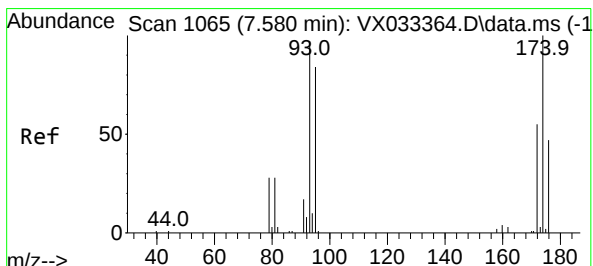
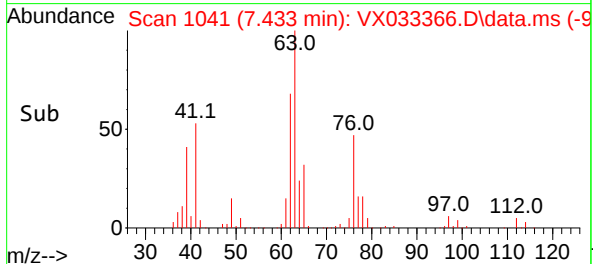
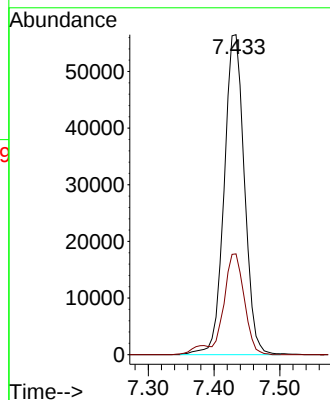
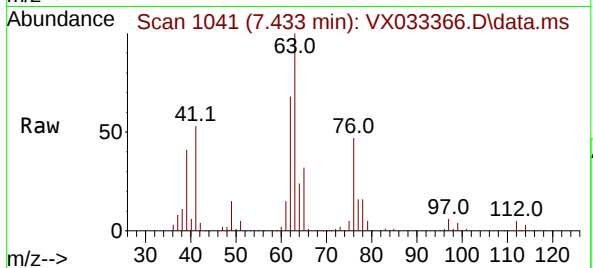
65 31.5 26.5 39.7

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Dibromomethane

Concen: 77.367 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

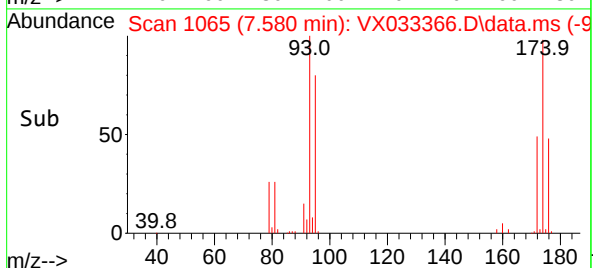
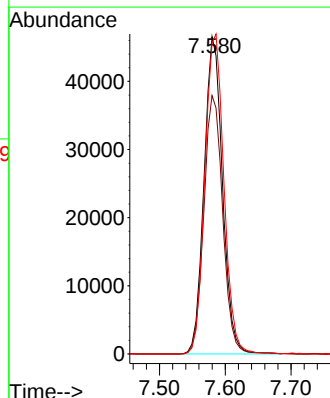
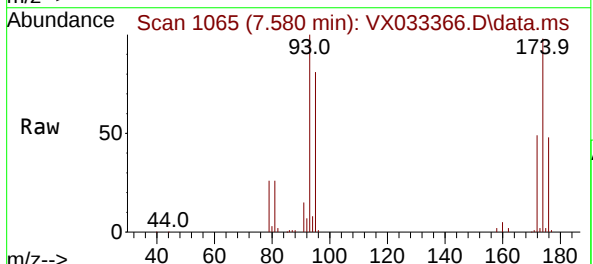
Tgt Ion: 93 Resp: 90937

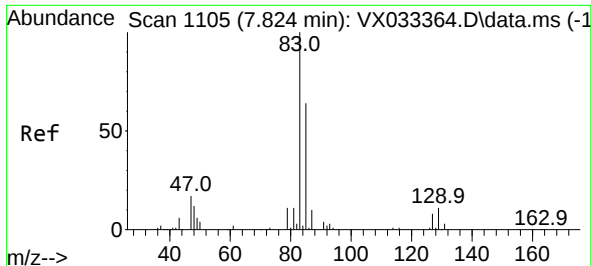
Ion Ratio Lower Upper

93 100

95 83.2 0.0 165.0

174 103.7 0.0 205.2





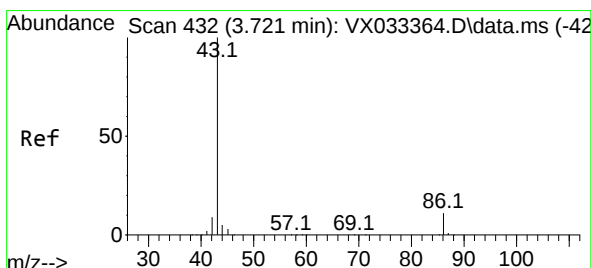
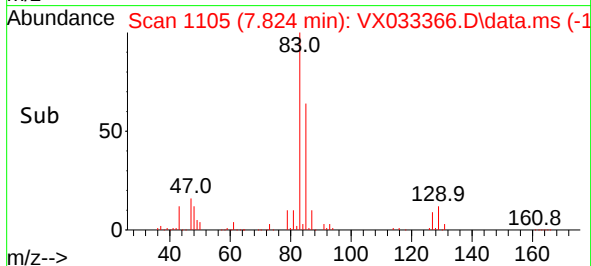
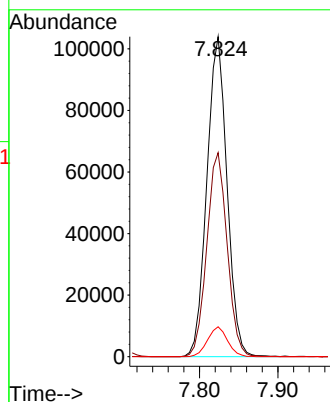
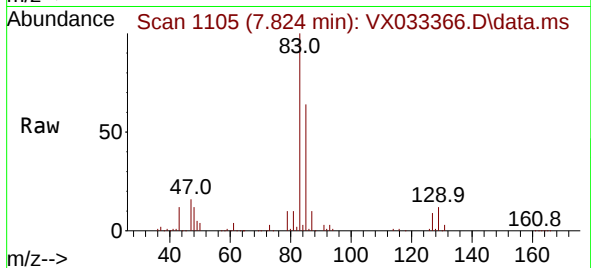
#41
Bromodichloromethane
Concen: 82.815 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 185538
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5
127 9.3 6.8 10.2

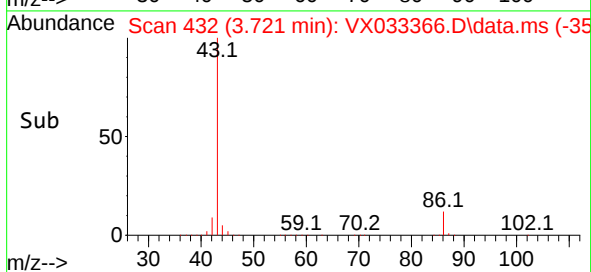
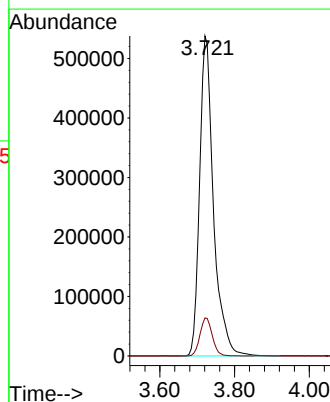
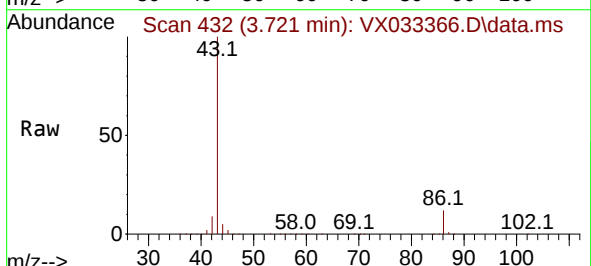
Manual Integrations
APPROVED

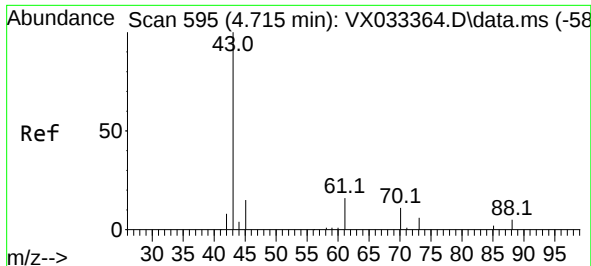
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
Vinyl Acetate
Concen: 358.192 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 43 Resp: 1385277
Ion Ratio Lower Upper
43 100
86 10.5 10.3 15.5





#43

Ethyl Acetate

Concen: 71.184 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 14412

Ion Ratio Lower Upper

43 100

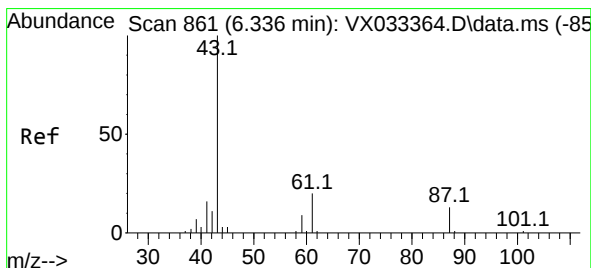
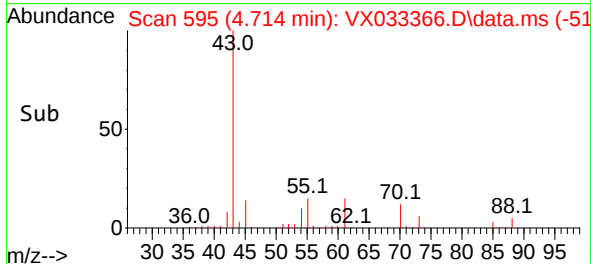
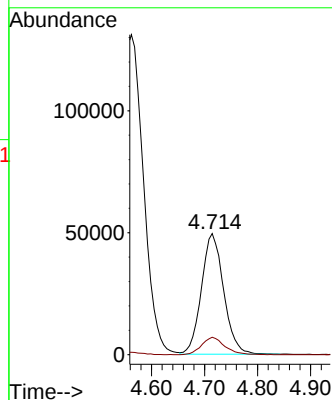
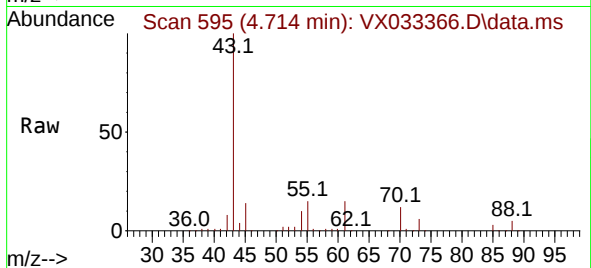
45 15.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#44

Isopropyl Acetate

Concen: 72.150 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX033366.D

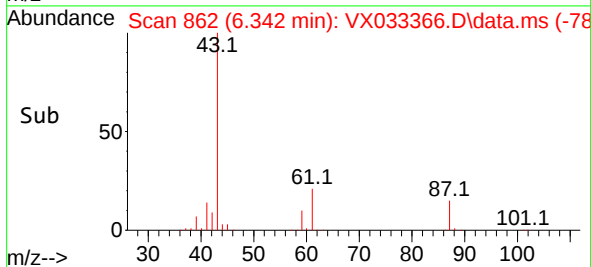
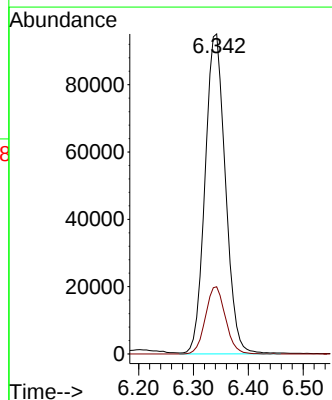
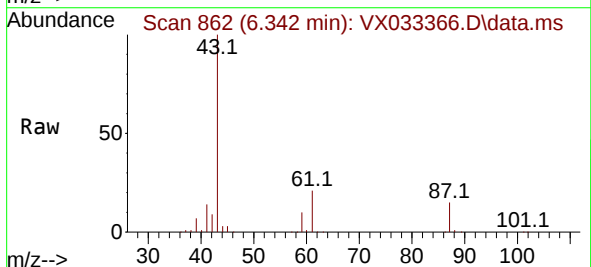
Acq: 12 Dec 2022 11:44

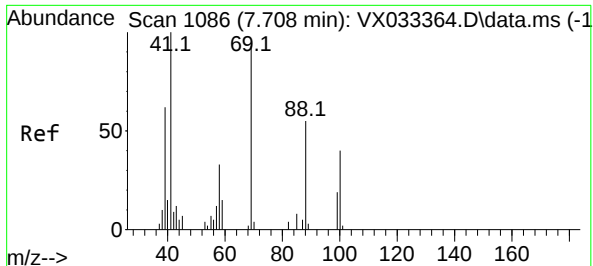
Tgt Ion: 43 Resp: 244803

Ion Ratio Lower Upper

43 100

61 20.6 17.2 25.8





#45

1,4-Dioxane

Concen: 1762.973 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 57450

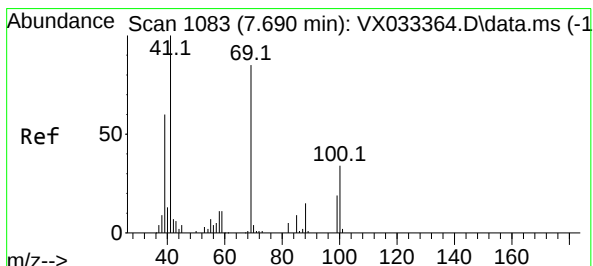
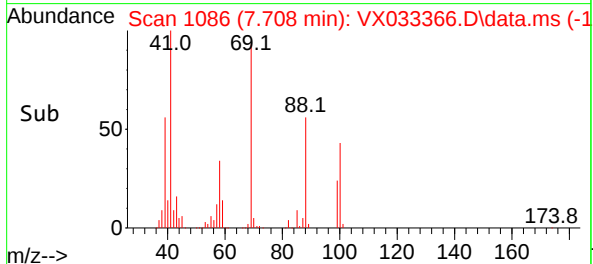
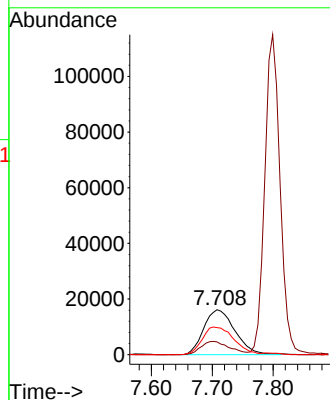
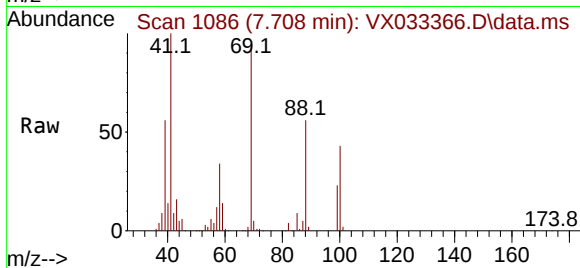
Ion	Ratio	Lower	Upper
88	100		
43	26.6	20.4	30.6
58	62.0	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Methyl methacrylate

Concen: 72.515 ug/l

RT: 7.690 min Scan# 1083

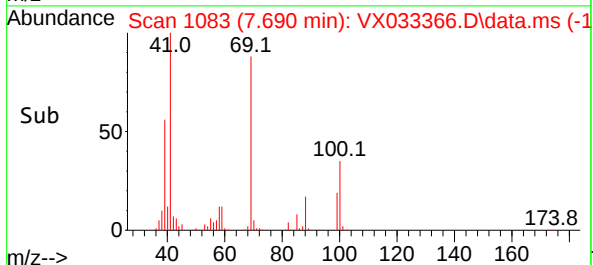
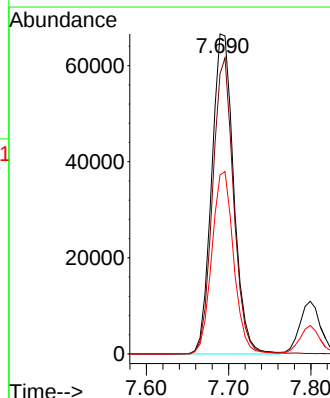
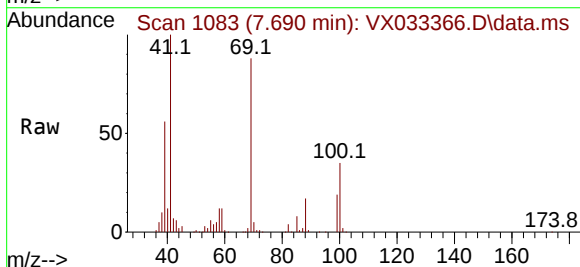
Delta R.T. -0.006 min

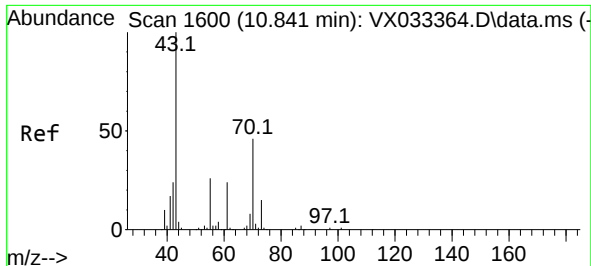
Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Tgt Ion: 41 Resp: 123861

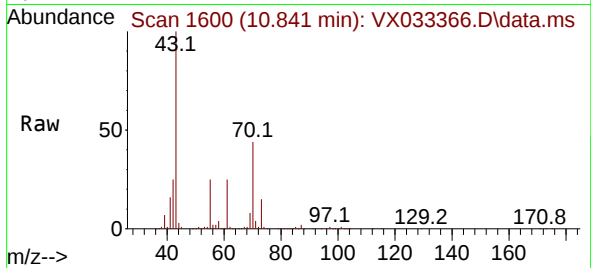
Ion	Ratio	Lower	Upper
41	100		
69	87.6	50.5	151.5
39	55.9	34.6	103.8





#47
n-amyl Acetate
Concen: 70.301 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

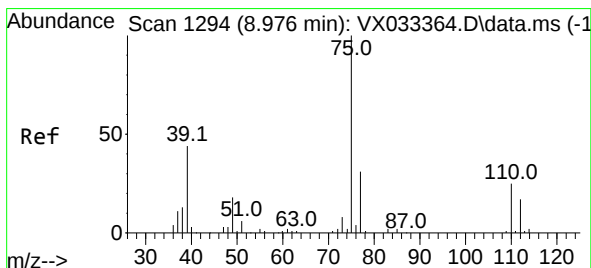
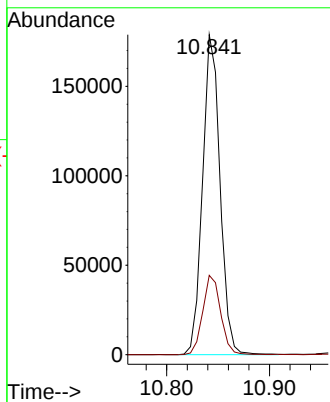
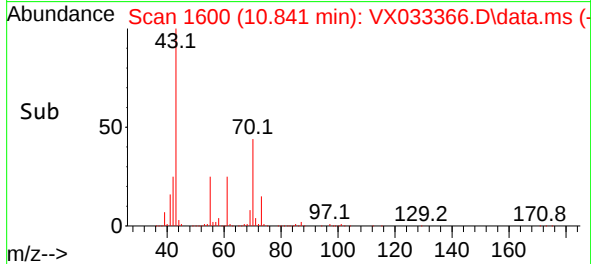
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 212050
Ion Ratio Lower Upper
43 100
55 25.4 21.6 32.4

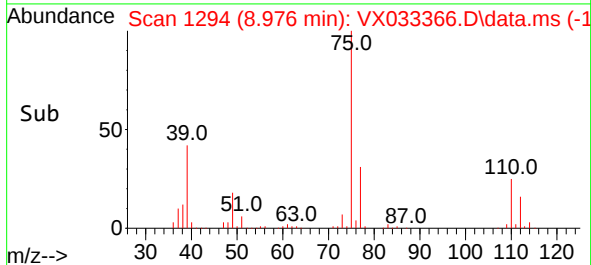
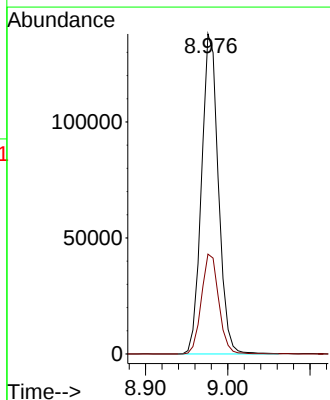
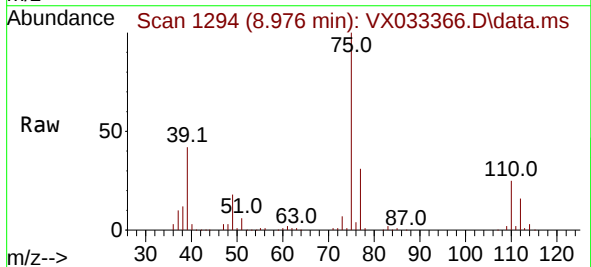
Manual Integrations
APPROVED

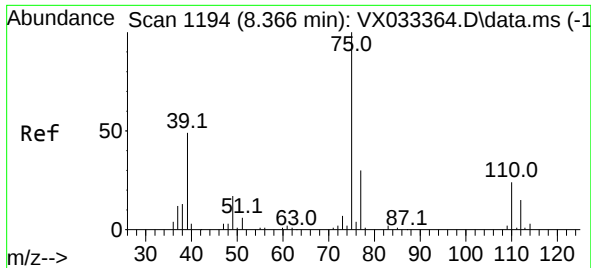
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
t-1,3-Dichloropropene
Concen: 85.518 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 75 Resp: 196556
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 86.544 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 21003

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

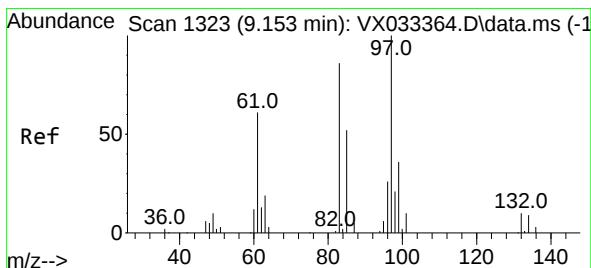
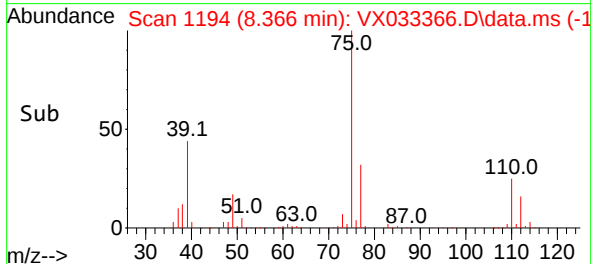
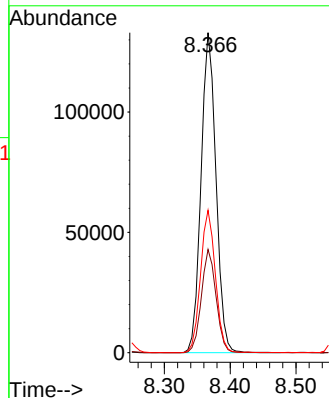
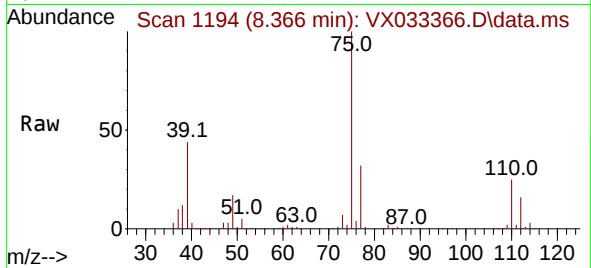
39 44.5 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

1,1,2-Trichloroethane

Concen: 80.383 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Tgt Ion: 97 Resp: 129907

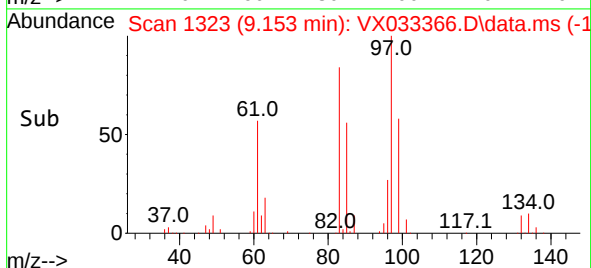
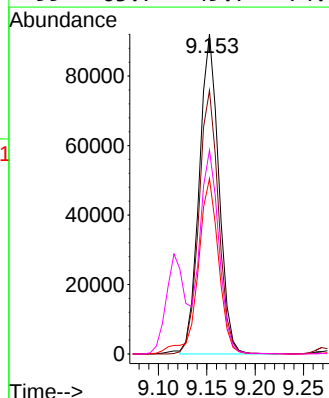
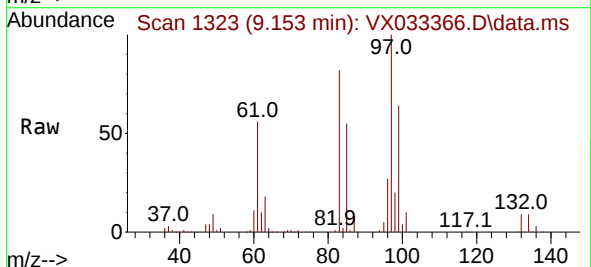
Ion Ratio Lower Upper

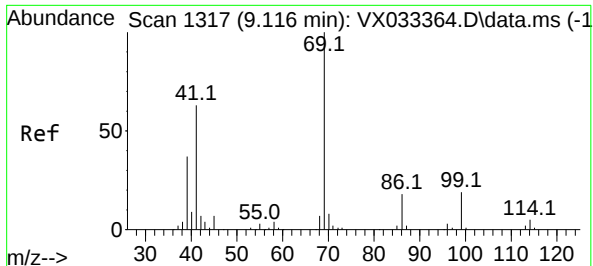
97 100

83 82.3 62.2 93.4

85 54.8 44.2 66.2

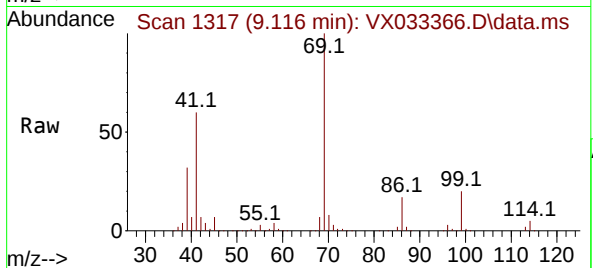
99 63.7 49.7 74.5





#51
Ethyl methacrylate
Concen: 79.535 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

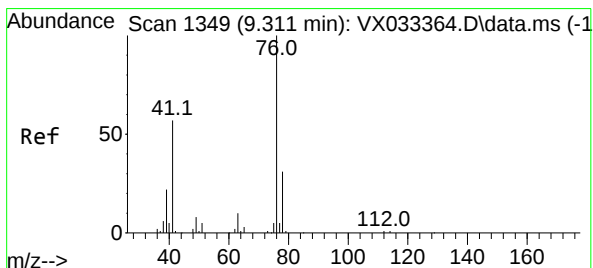
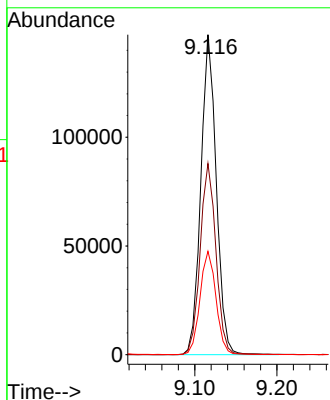
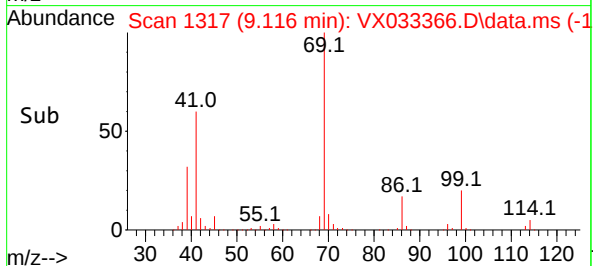
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 19196
Ion Ratio Lower Upper
69 100
41 59.7 25.9 77.7
39 32.2 17.8 53.3

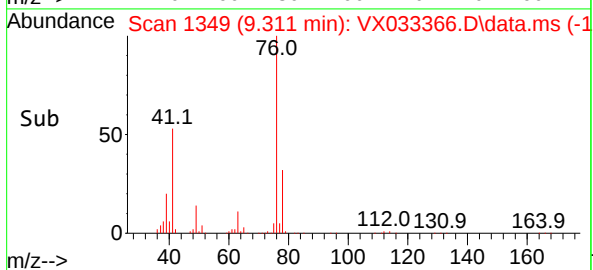
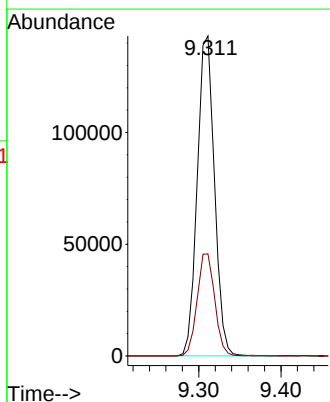
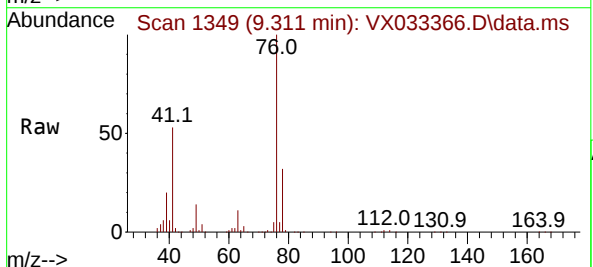
Manual Integrations
APPROVED

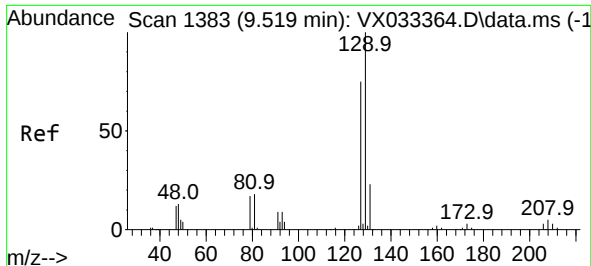
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
1,3-Dichloropropane
Concen: 78.716 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 76 Resp: 207981
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.0





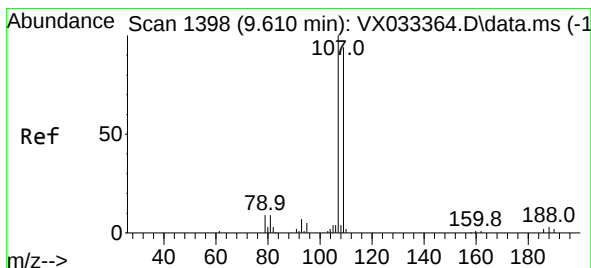
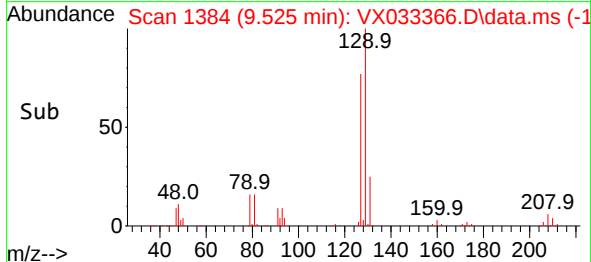
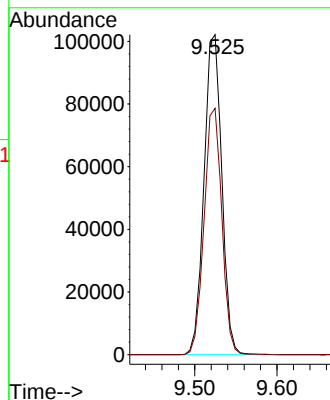
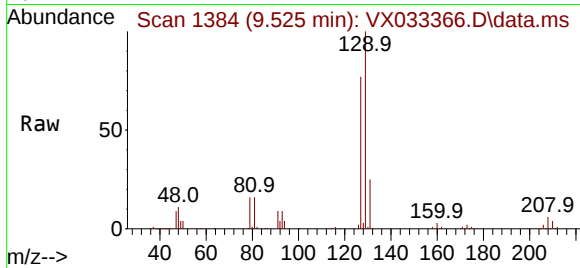
#53
Dibromochloromethane
Concen: 87.248 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 15334
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

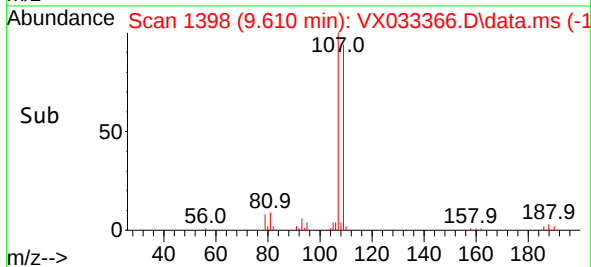
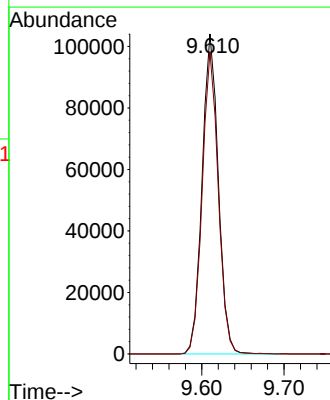
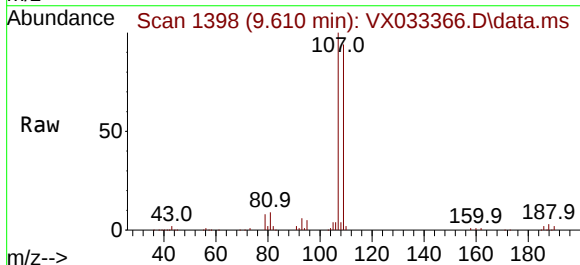
Manual Integrations
APPROVED

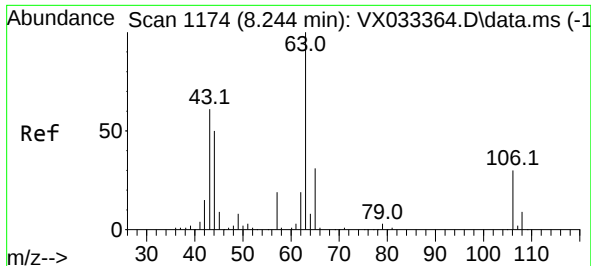
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
1,2-Dibromoethane
Concen: 81.913 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

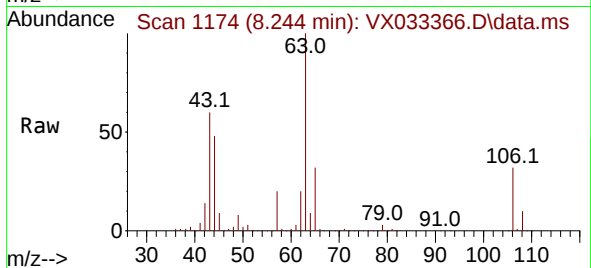
Tgt Ion:107 Resp: 142595
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 377.646 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

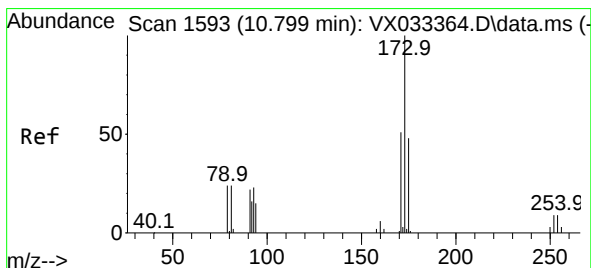
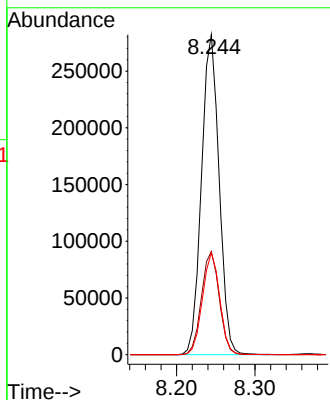
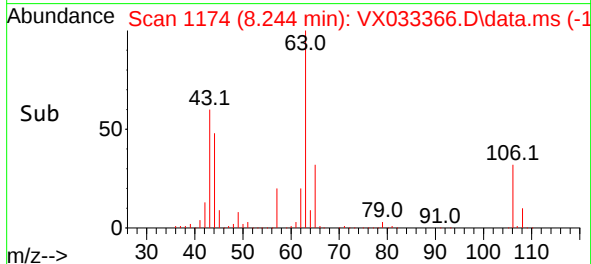
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 44048
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 31.2 28.9 43.3

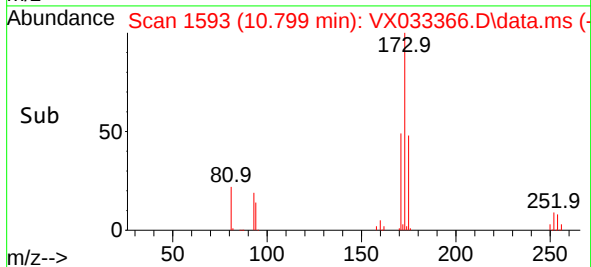
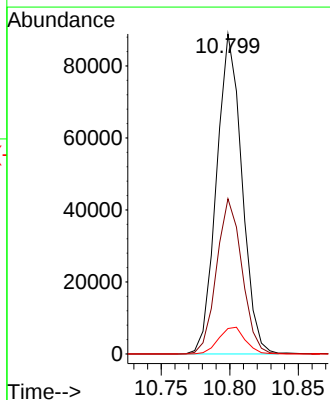
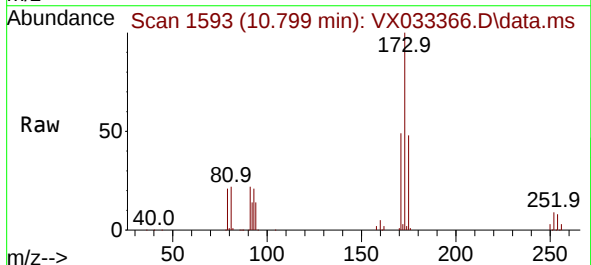
Manual Integrations
APPROVED

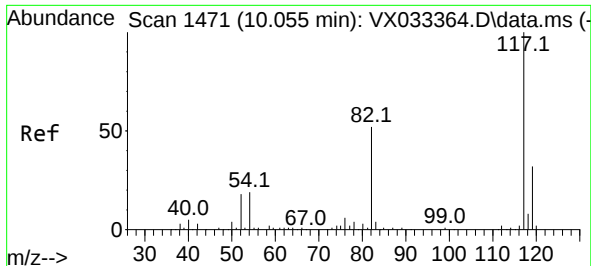
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Bromoform
Concen: 90.915 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

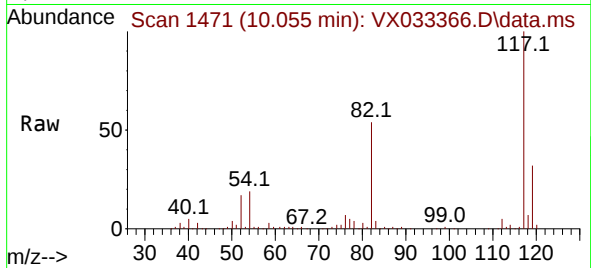
Tgt Ion:173 Resp: 114400
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 8.8 6.8 10.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

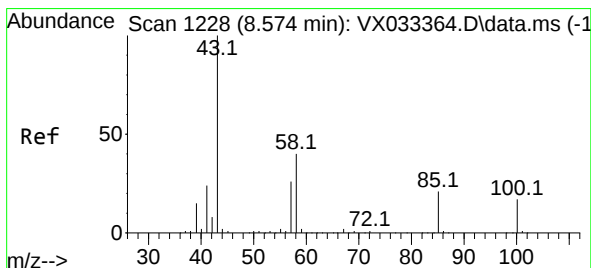
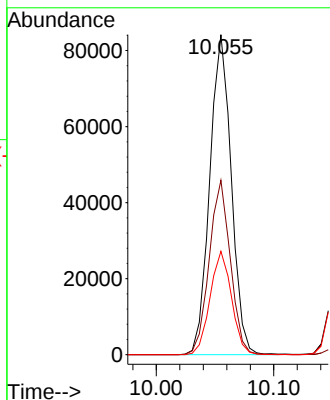
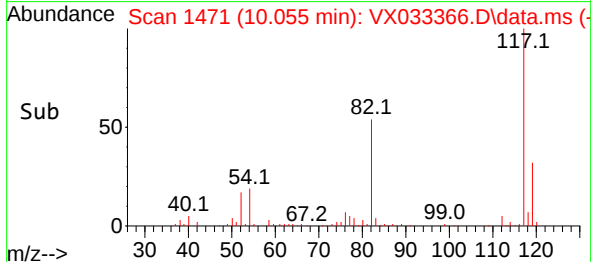
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



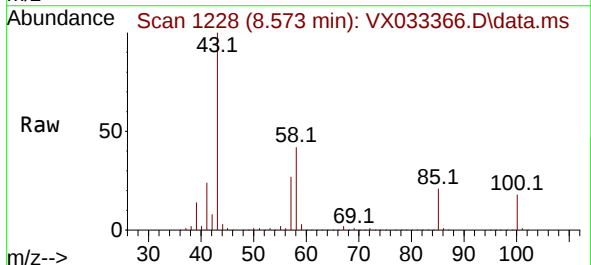
Tgt Ion: 117 Resp: 107162
Ion Ratio Lower Upper
117 100
82 53.6 40.0 60.0
119 32.3 26.0 39.0

Manual Integrations
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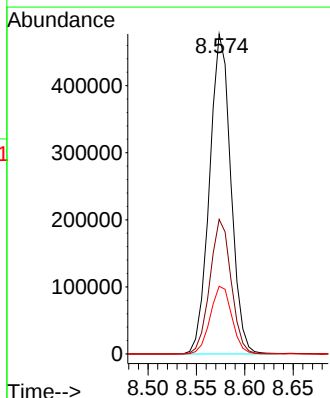
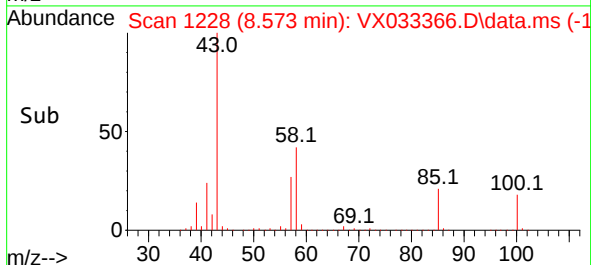
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

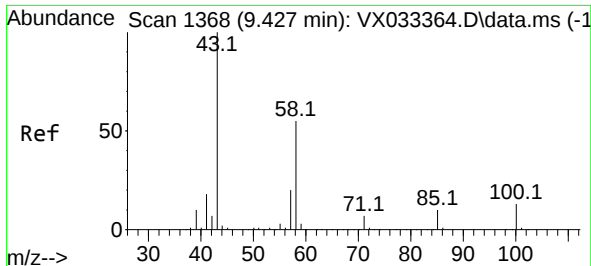


#58
4-Methyl-2-Pentanone
Concen: 349.039 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



Tgt Ion: 43 Resp: 732205
Ion Ratio Lower Upper
43 100
58 41.9 34.9 52.3
85 21.5 19.4 29.2





#59

2-Hexanone

Concen: 358.354 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 55349

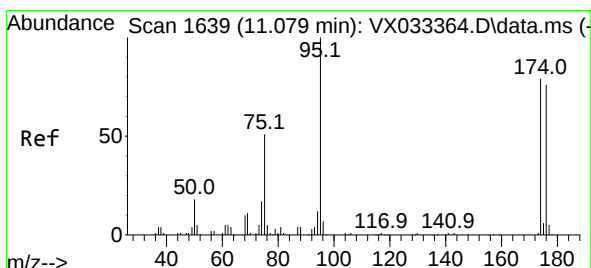
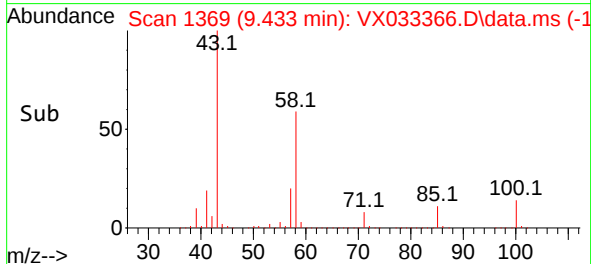
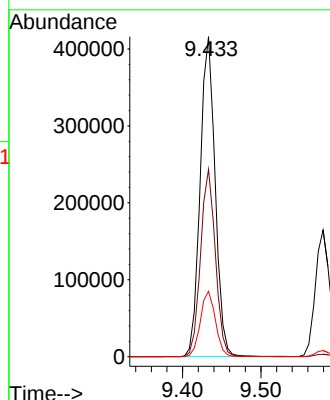
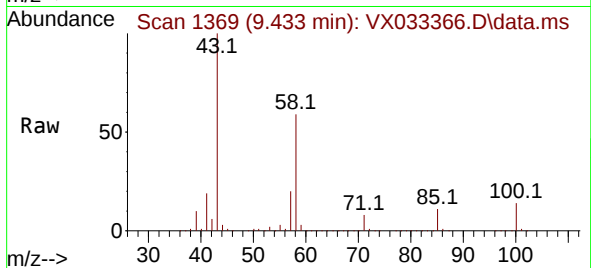
Ion	Ratio	Lower	Upper
43	100		
58	57.8	49.0	73.6
57	20.6	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#60

4-Bromofluorobenzene

Concen: 28.907 ug/l

RT: 11.079 min Scan# 1639

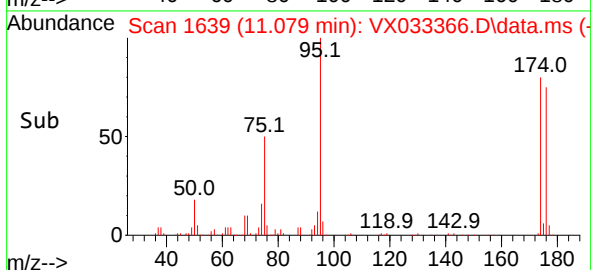
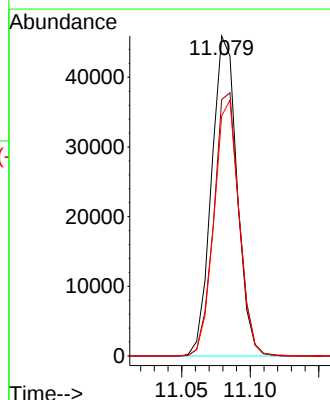
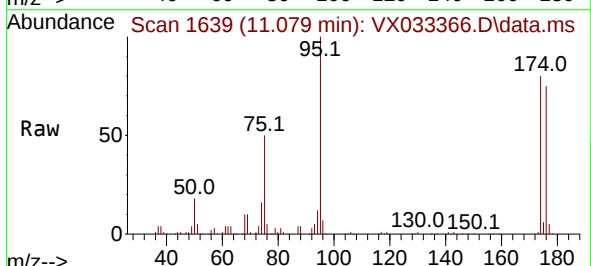
Delta R.T. -0.000 min

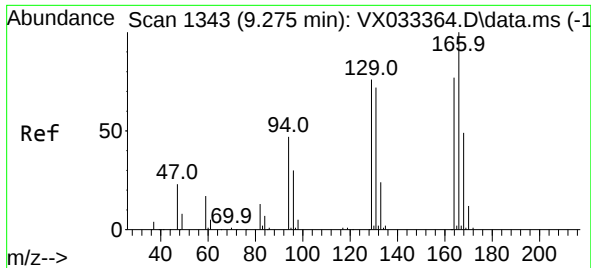
Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Tgt Ion: 95 Resp: 59255

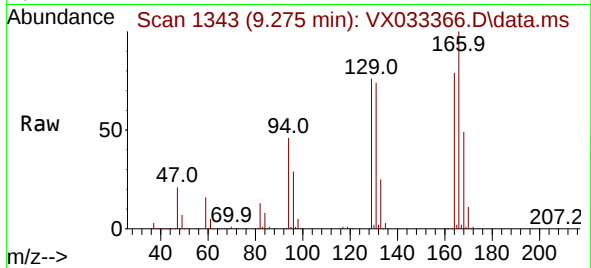
Ion	Ratio	Lower	Upper
95	100		
174	81.5	68.2	102.2
176	78.9	68.1	102.1





#61
Tetrachloroethene
Concen: 79.306 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

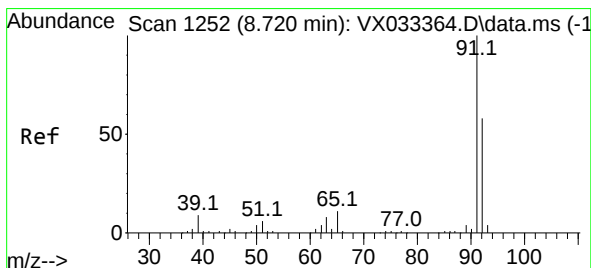
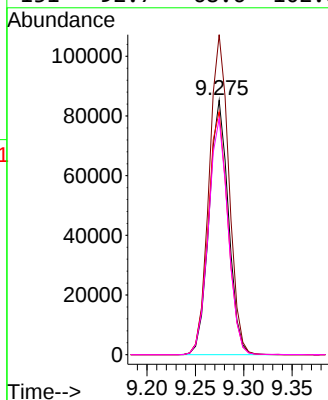
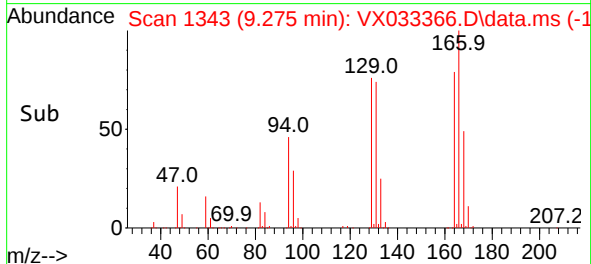
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



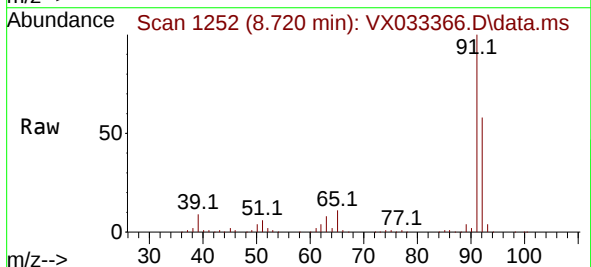
Tgt Ion:164 Resp: 11877
Ion Ratio Lower Upper
164 100
166 125.8 102.8 154.2
129 95.5 73.0 109.4
131 92.7 68.6 102.8

Manual Integrations
APPROVED

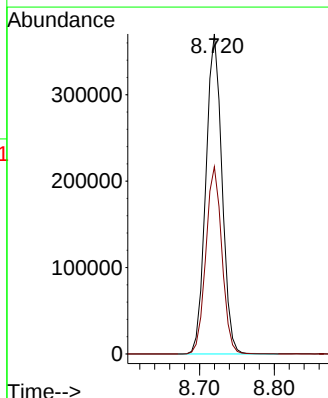
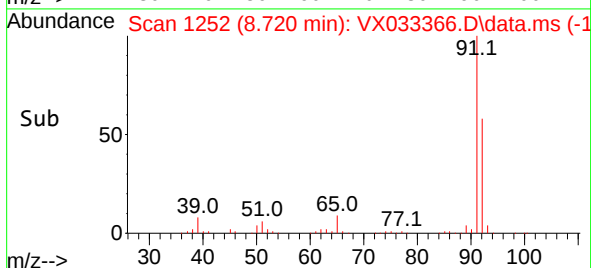
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

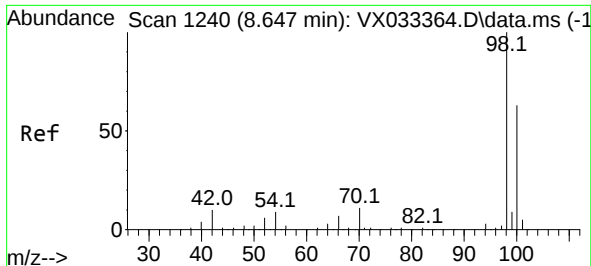


#62
Toluene
Concen: 79.409 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



Tgt Ion: 91 Resp: 553406
Ion Ratio Lower Upper
91 100
92 58.2 47.3 70.9





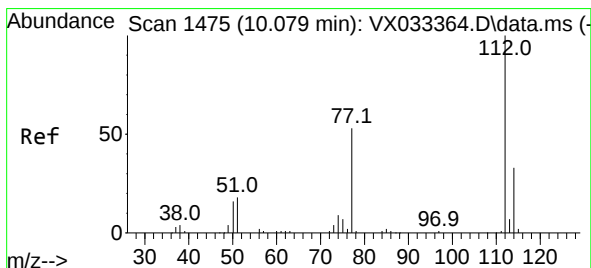
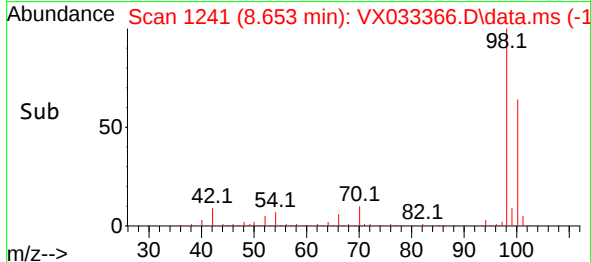
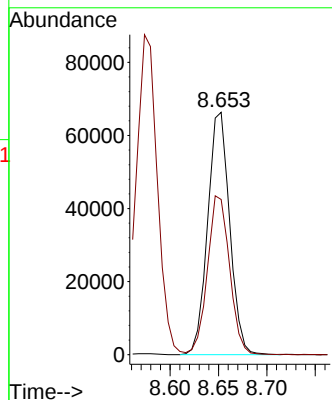
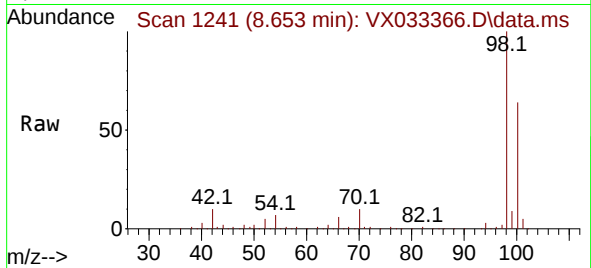
#63
Toluene-d8
Concen: 29.071 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 105134
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.8

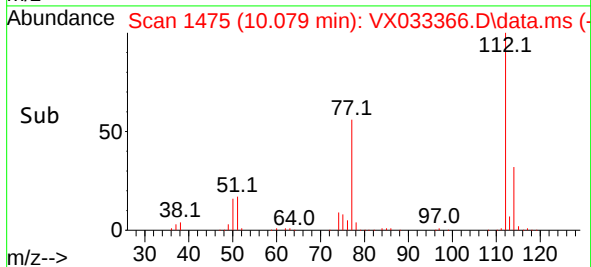
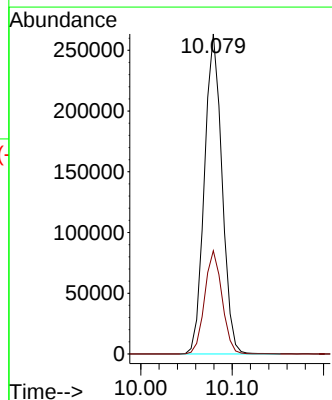
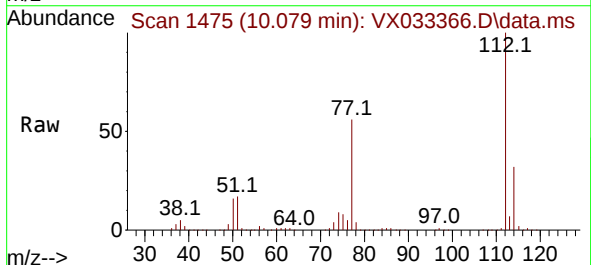
Manual Integrations
APPROVED

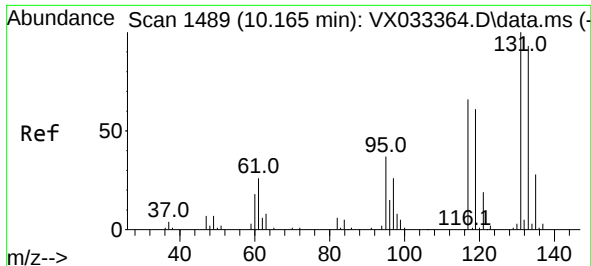
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Chlorobenzene
Concen: 81.483 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:112 Resp: 351076
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5





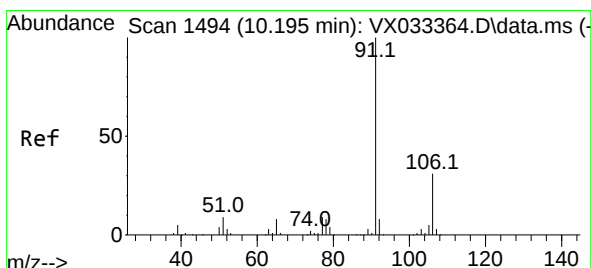
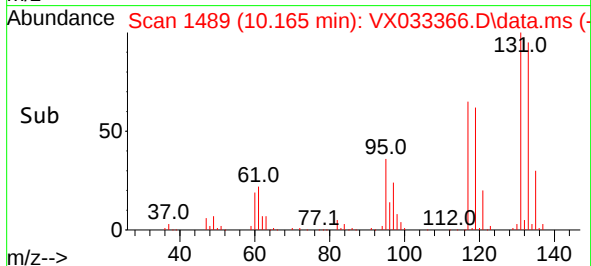
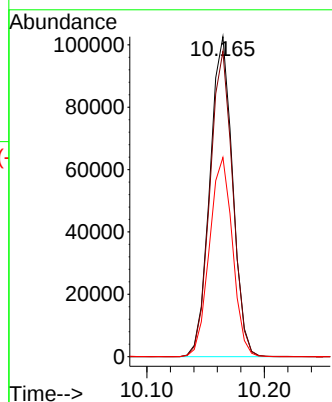
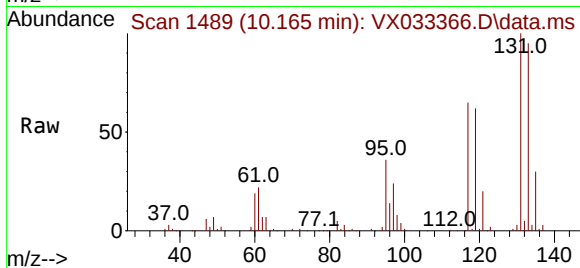
#65
1,1,1,2-Tetrachloroethane
Concen: 84.008 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 137884
Ion Ratio Lower Upper
131 100
133 95.4 0.0 189.4
119 63.2 0.0 127.0

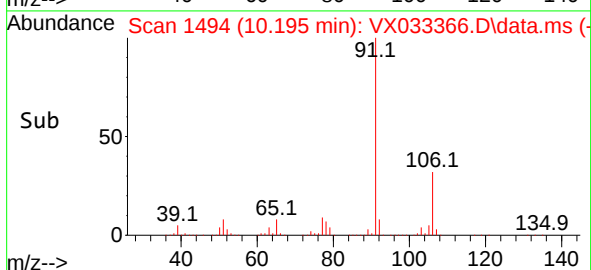
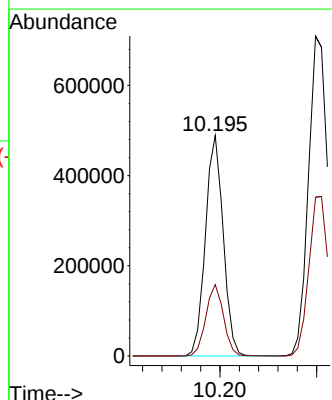
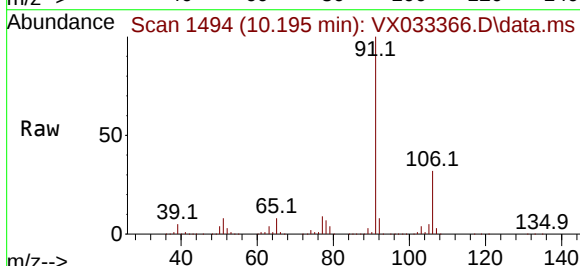
Manual Integrations
APPROVED

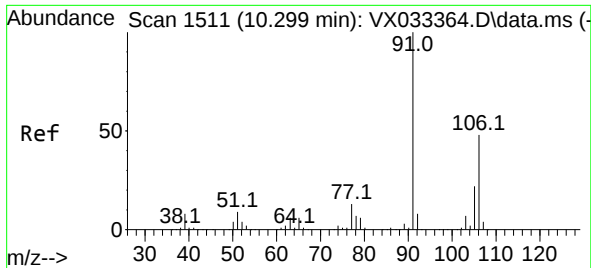
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
Ethyl Benzene
Concen: 80.118 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 91 Resp: 626373
Ion Ratio Lower Upper
91 100
106 32.3 26.7 40.1





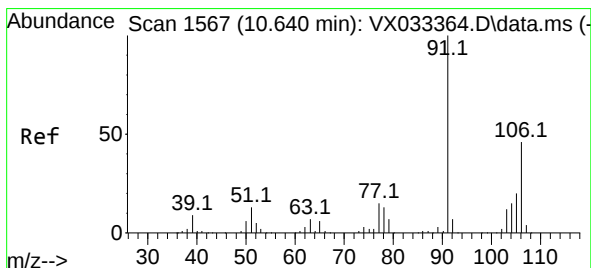
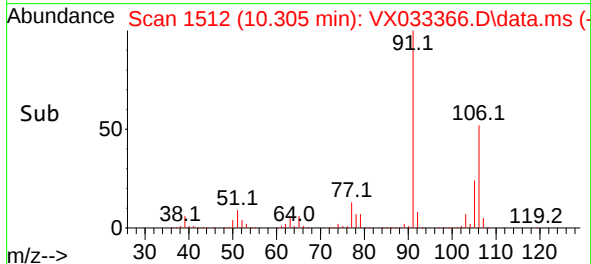
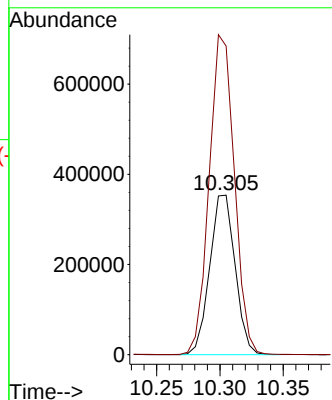
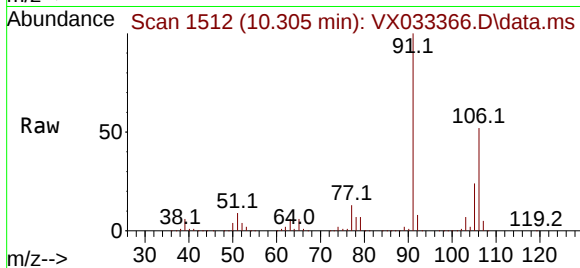
#67
m/p-Xylenes
Concen: 162.504 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 49434
Ion Ratio Lower Upper
106 100
91 199.5 152.3 228.5

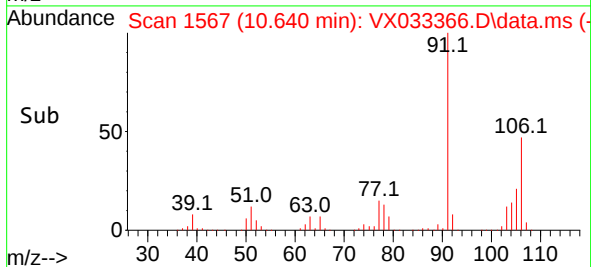
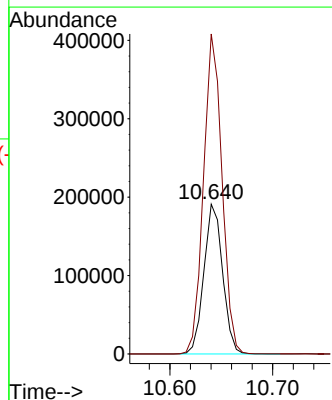
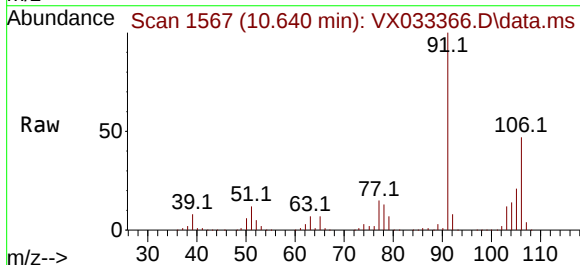
Manual Integrations
APPROVED

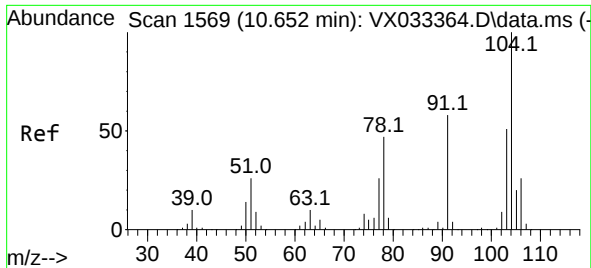
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
o-Xylene
Concen: 81.097 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:106 Resp: 242067
Ion Ratio Lower Upper
106 100
91 211.1 101.9 305.7





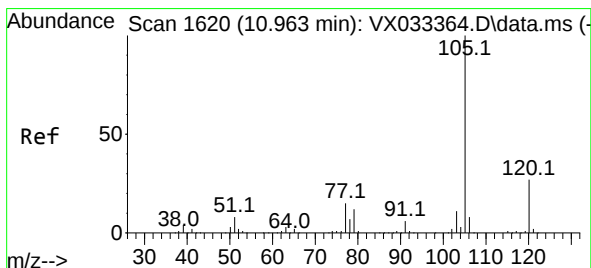
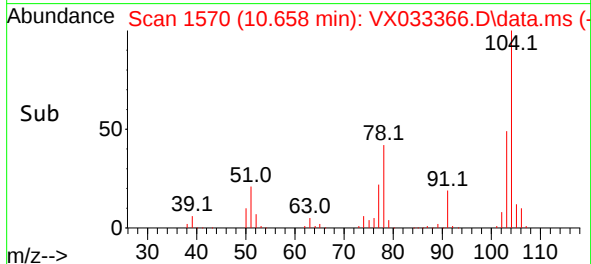
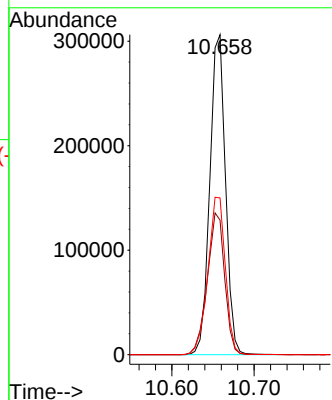
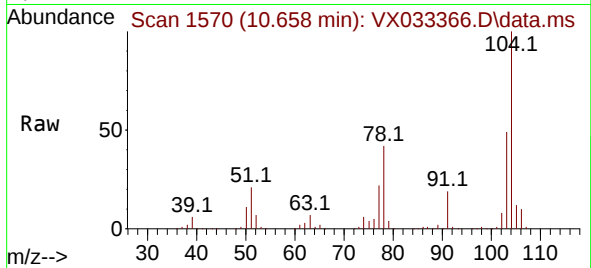
#69
Styrene
Concen: 81.811 ug/l
RT: 10.658 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 405983
Ion Ratio Lower Upper
104 100
78 49.1 36.6 55.0
103 54.8 43.3 64.9

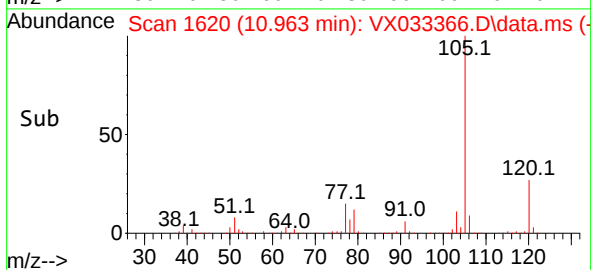
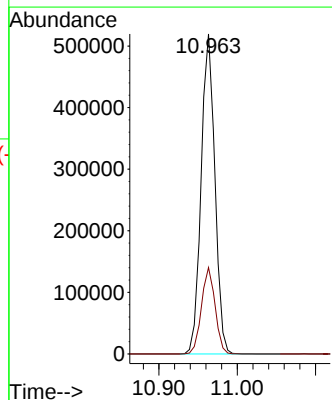
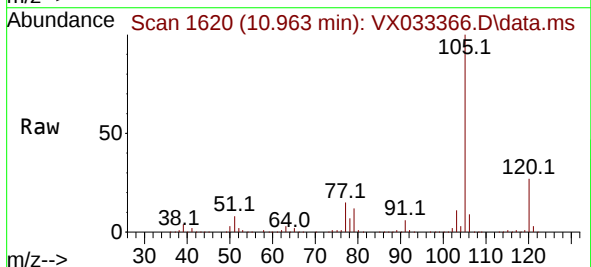
Manual Integrations
APPROVED

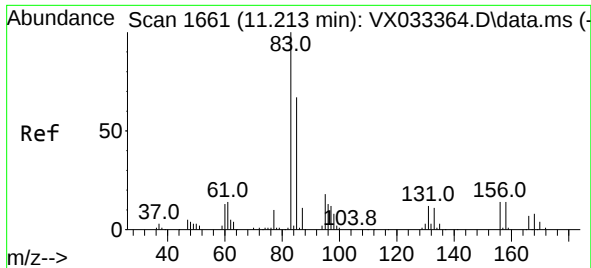
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Isopropylbenzene
Concen: 79.452 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:105 Resp: 633302
Ion Ratio Lower Upper
105 100
120 26.7 19.3 35.9





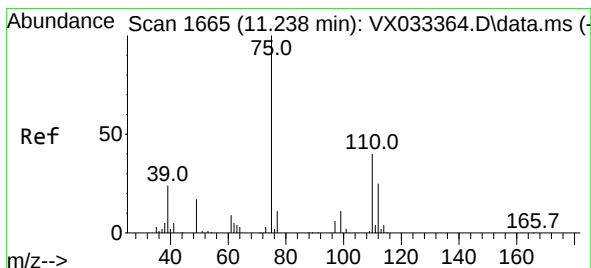
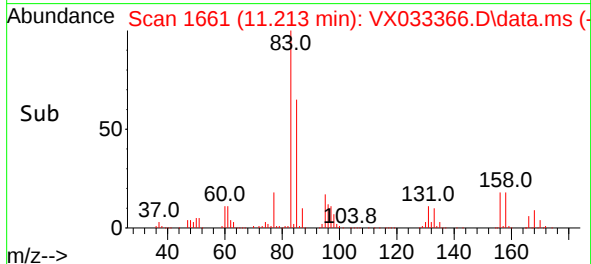
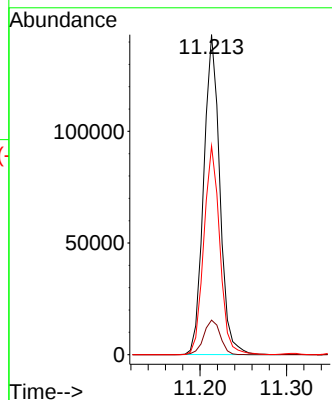
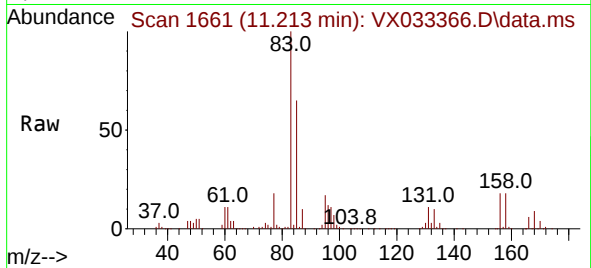
#71
1,1,2,2-Tetrachloroethane
Concen: 76.488 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 184894
Ion Ratio Lower Upper
83 100
131 11.2 6.0 18.1
85 64.8 32.8 98.3

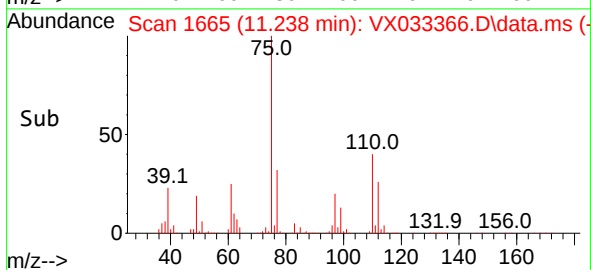
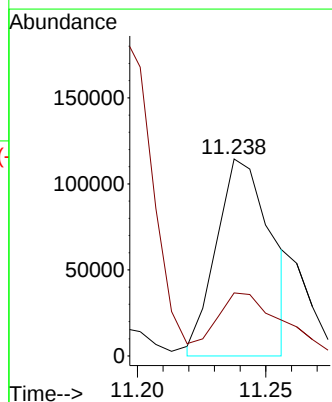
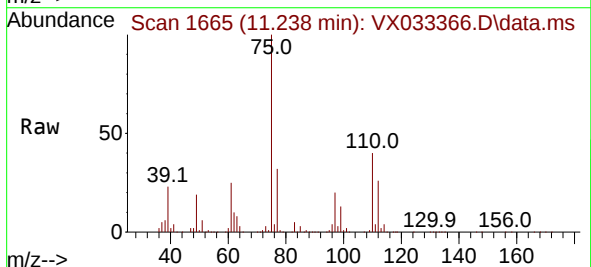
Manual Integrations
APPROVED

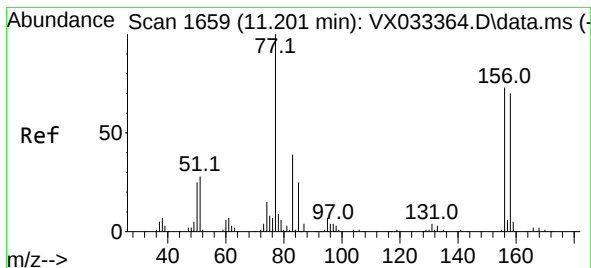
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#72
1,2,3-Trichloropropane
Concen: 80.198 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 75 Resp: 168368
Ion Ratio Lower Upper
75 100
77 39.4 0.0 76.6





#73

Bromobenzene

Concen: 82.022 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

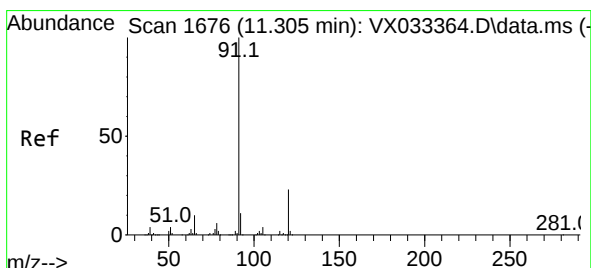
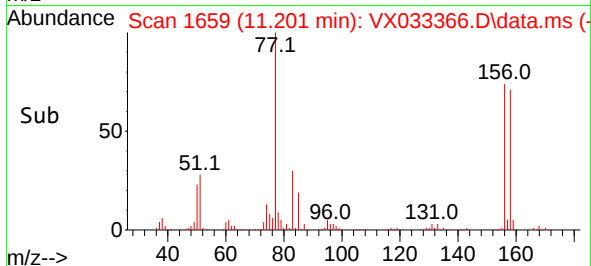
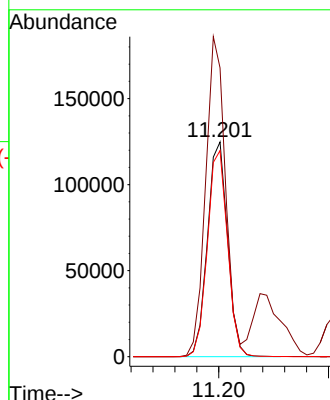
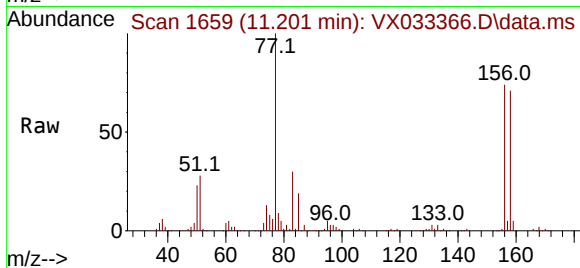
Tgt Ion	Ratio	Lower	Upper
156	100		
77	146.0	0.0	259.2
158	96.3	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#74

n-propylbenzene

Concen: 80.873 ug/l

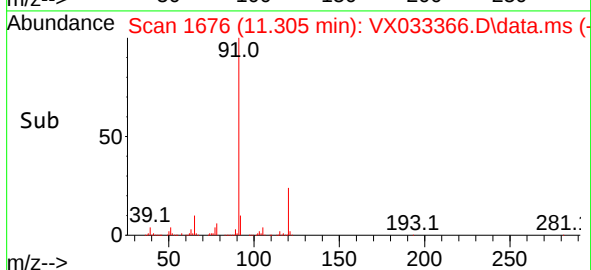
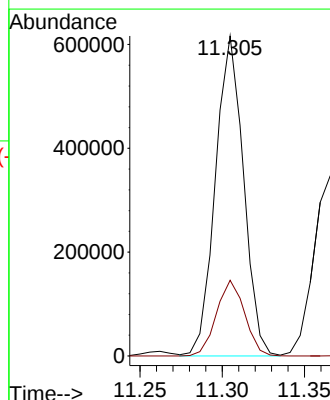
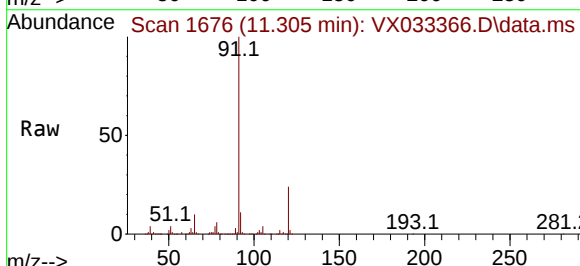
RT: 11.305 min Scan# 1676

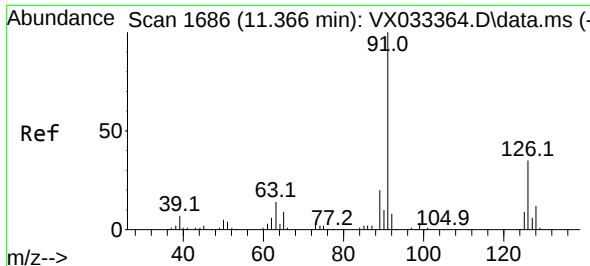
Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	51.0





#75
2-Chlorotoluene
Concen: 79.515 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

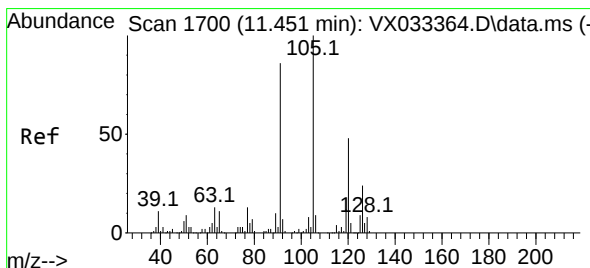
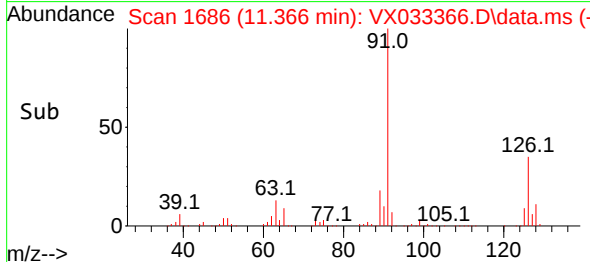
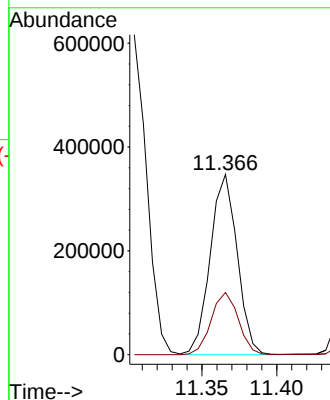
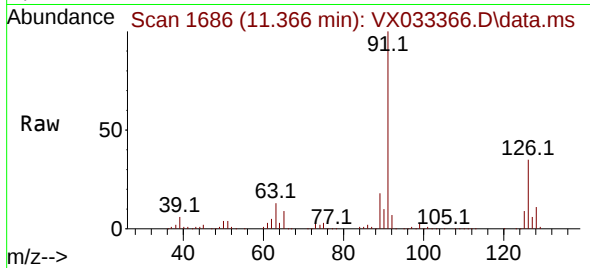
VSTDICC100

Tgt Ion: 91 Resp: 43600
Ion Ratio Lower Upper
91 100
126 34.7 0.0 76.4

Manual Integrations

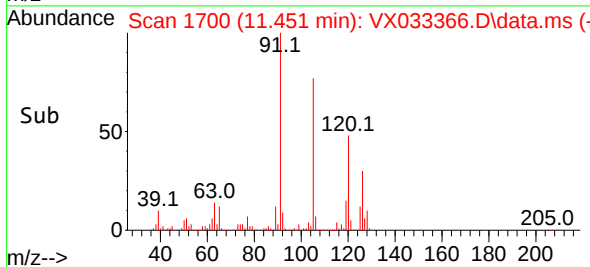
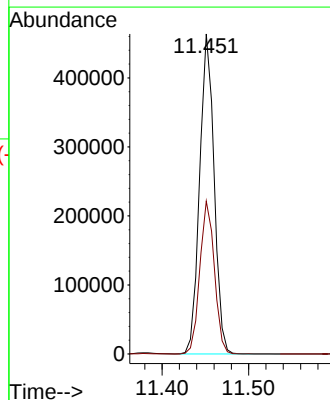
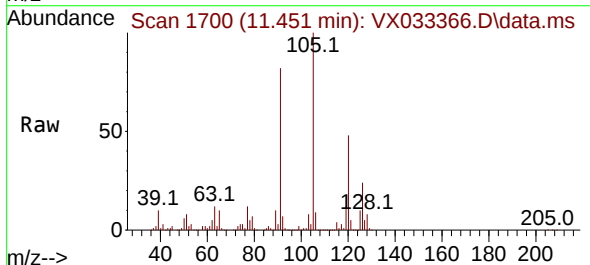
APPROVED

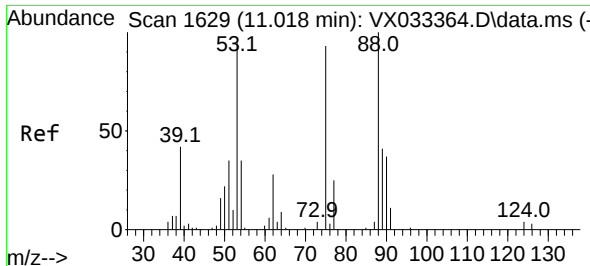
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,3,5-Trimethylbenzene
Concen: 79.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:105 Resp: 538228
Ion Ratio Lower Upper
105 100
120 47.9 0.0 100.6





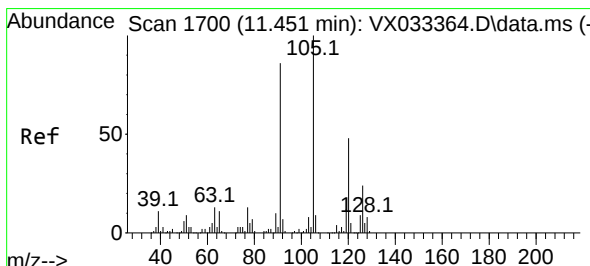
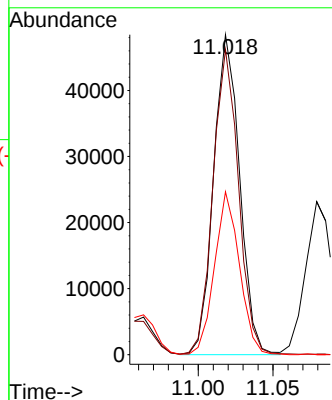
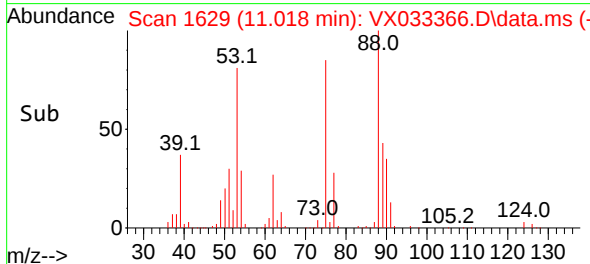
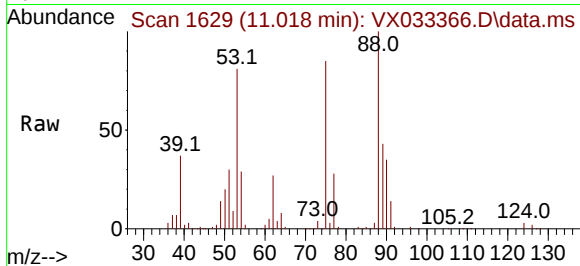
#77
t-1,4-Dichloro-2-butene
Concen: 91.498 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 5861
Ion Ratio Lower Upper
75 100
53 95.5 51.8 155.4
89 50.8 22.9 68.8

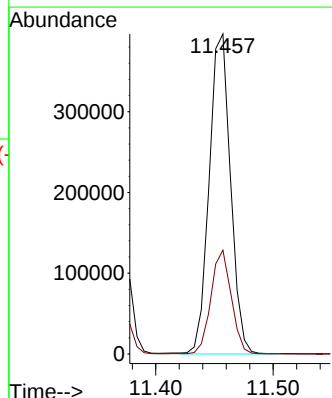
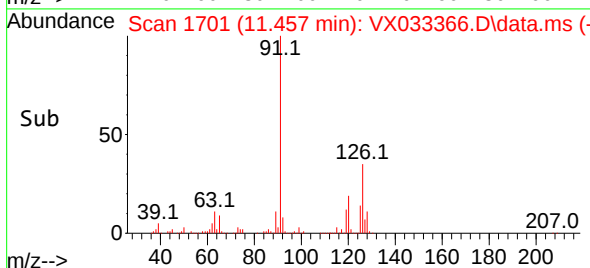
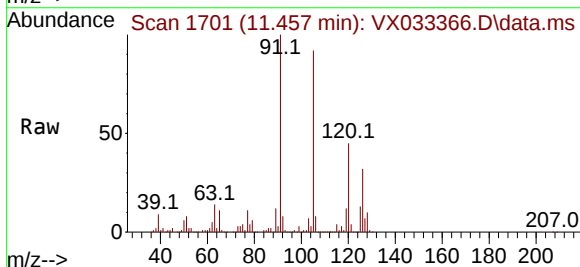
Manual Integrations
APPROVED

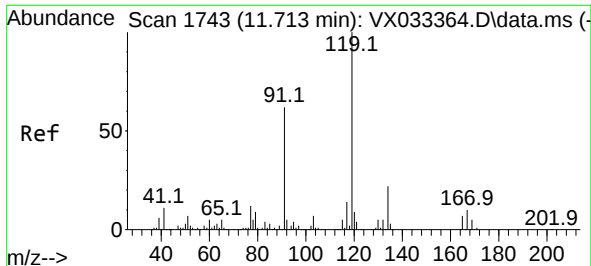
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#78
4-Chlorotoluene
Concen: 79.263 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

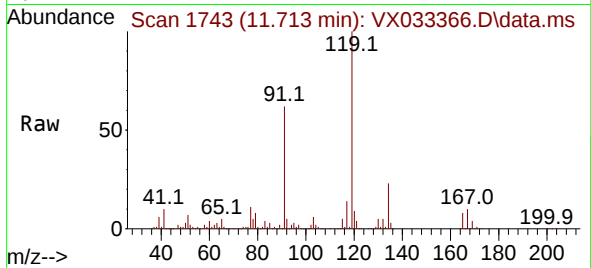
Tgt Ion: 91 Resp: 500648
Ion Ratio Lower Upper
91 100
126 30.8 0.0 67.0





#79
tert-butylbenzene
Concen: 81.085 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

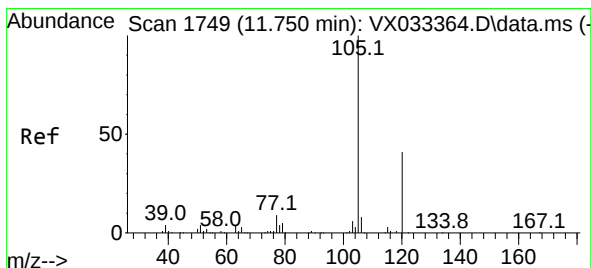
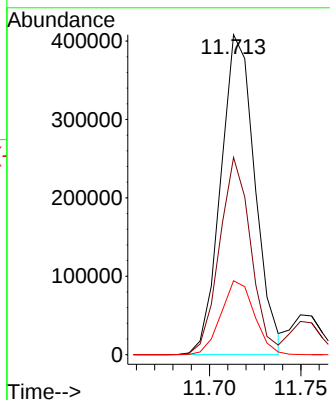
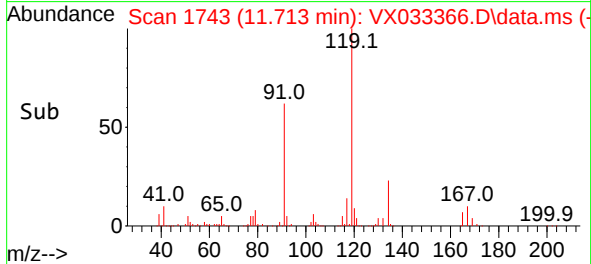
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



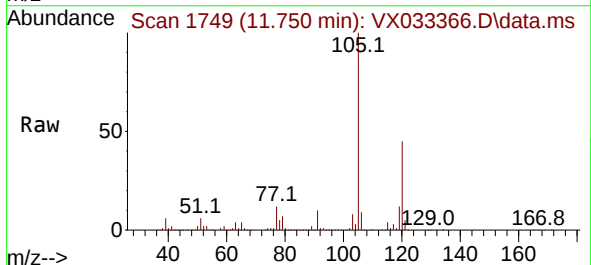
Tgt Ion:119 Resp: 53097
Ion Ratio Lower Upper
119 100
91 56.9 0.0 112.0
134 22.6 0.0 51.0

Manual Integrations
APPROVED

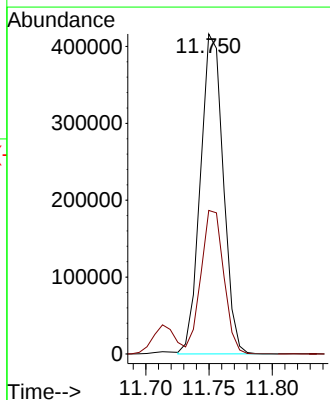
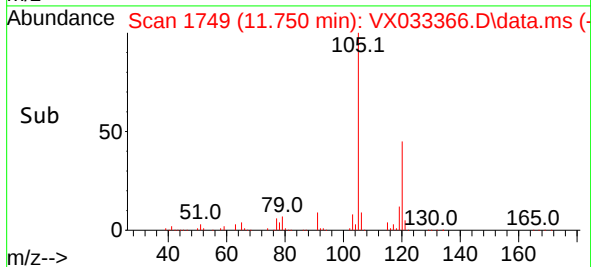
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

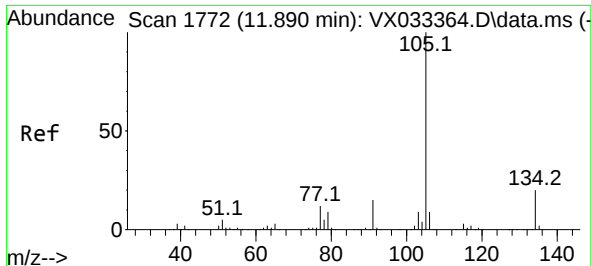


#80
1,2,4-Trimethylbenzene
Concen: 79.486 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



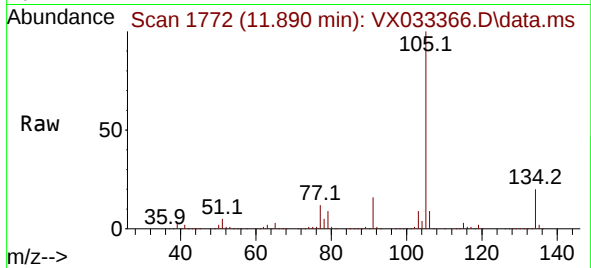
Tgt Ion:105 Resp: 523681
Ion Ratio Lower Upper
105 100
120 44.8 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 81.287 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033366.D
 Acq: 12 Dec 2022 11:44

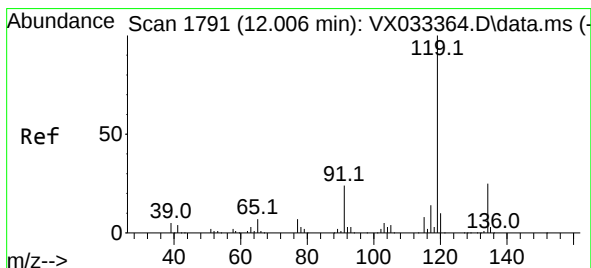
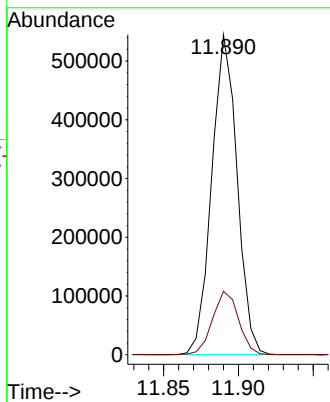
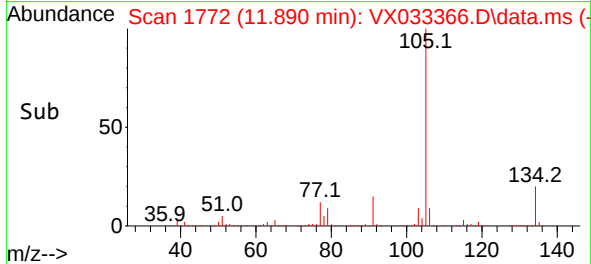
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



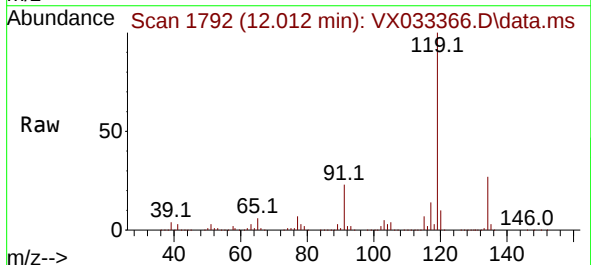
Tgt Ion:105 Resp: 640840
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 44.4

Manual Integrations
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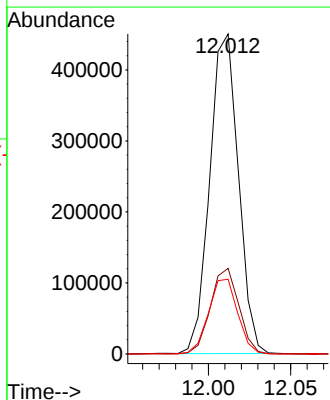
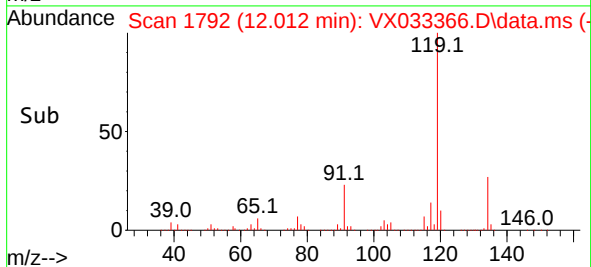
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

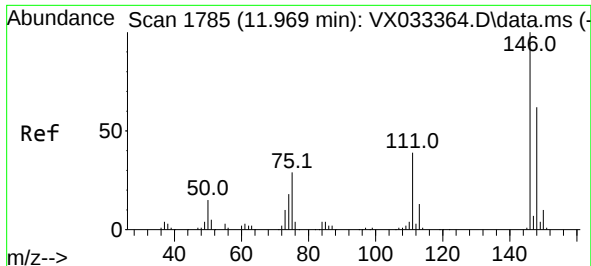


#82
 p-Isopropyltoluene
 Concen: 82.125 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033366.D
 Acq: 12 Dec 2022 11:44



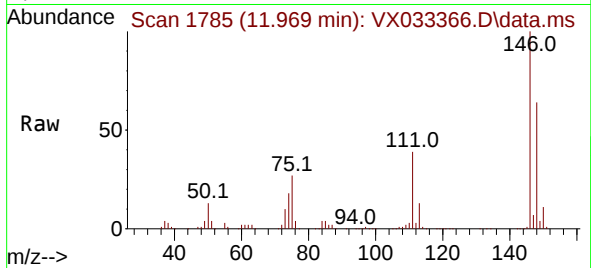
Tgt Ion:119 Resp: 545640
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 55.4
 91 23.8 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 82.120 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

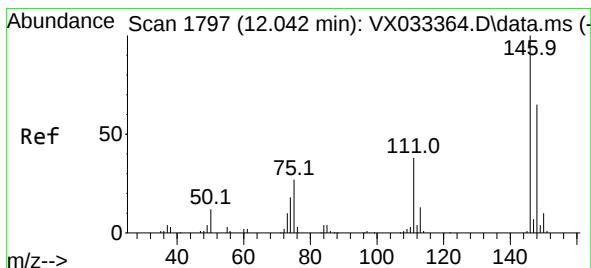
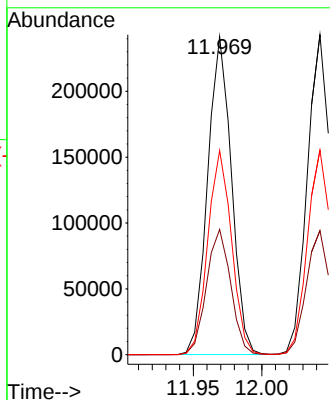
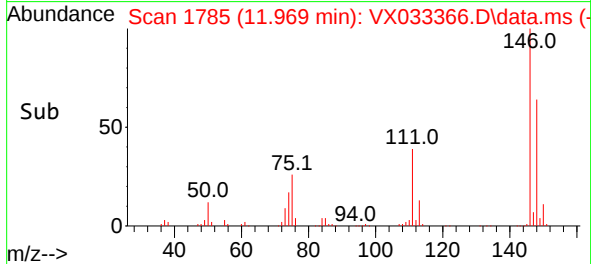
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



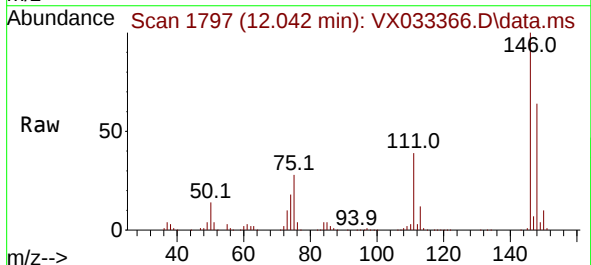
Tgt Ion:146 Resp: 291738
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.1
148 64.2 32.6 97.7

Manual Integrations
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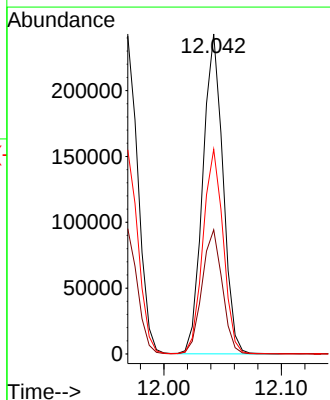
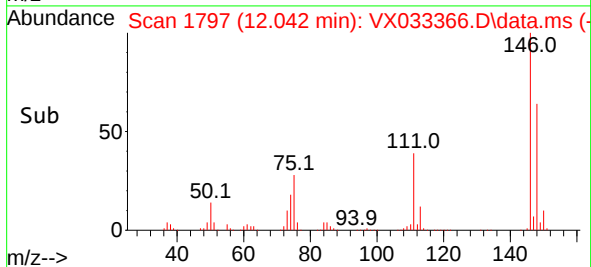
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

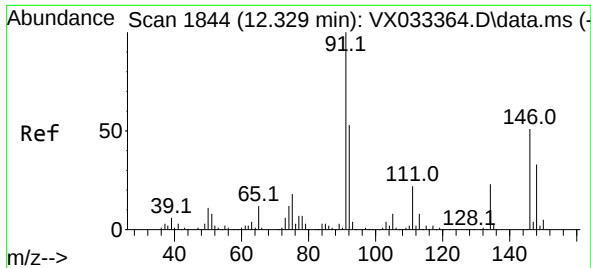


#84
1,4-Dichlorobenzene
Concen: 81.197 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



Tgt Ion:146 Resp: 289677
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.5
148 64.2 31.6 95.0





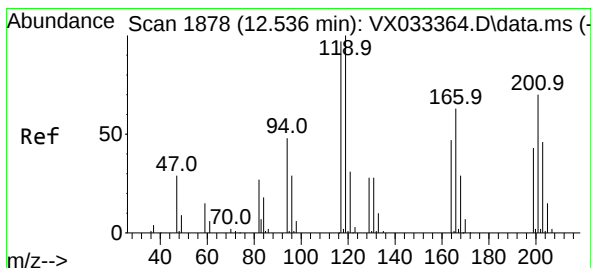
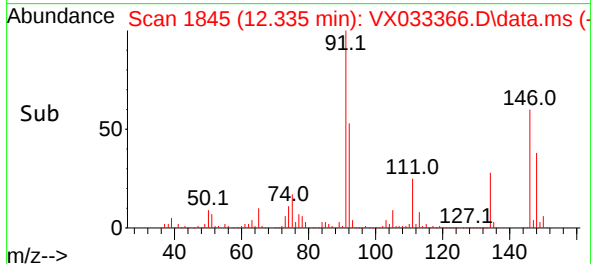
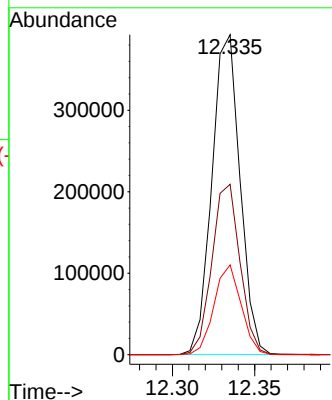
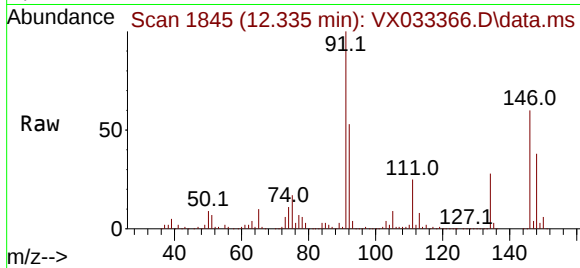
#85
n-Butylbenzene
Concen: 82.981 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 467280
Ion Ratio Lower Upper
91 100
92 53.3 0.0 108.4
134 27.1 0.0 60.6

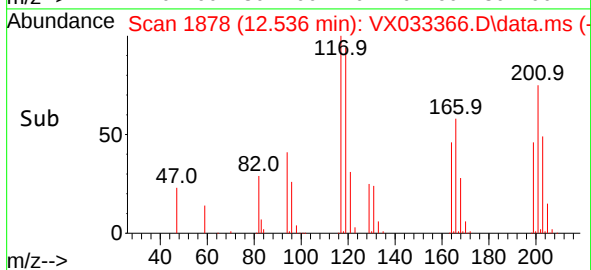
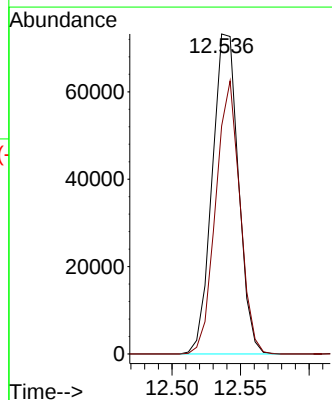
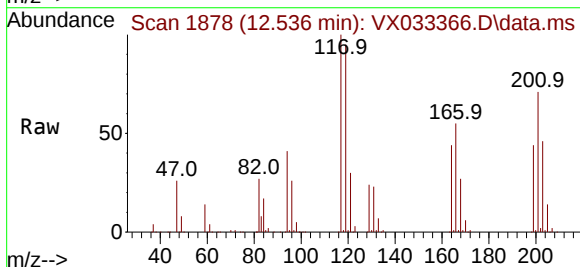
Manual Integrations
APPROVED

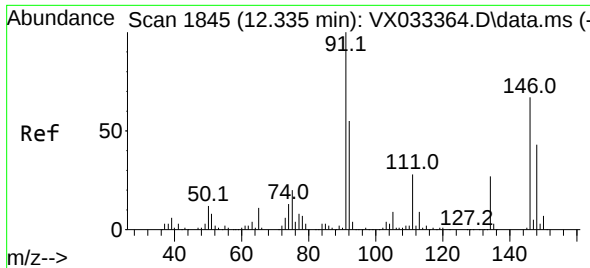
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#86
Hexachloroethane
Concen: 89.369 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

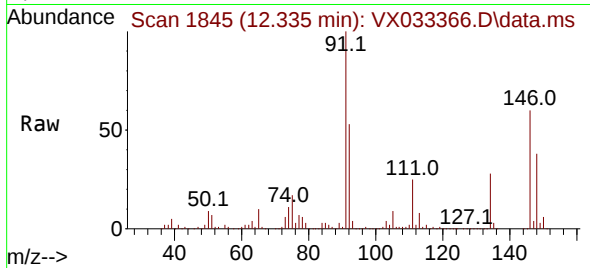
Tgt Ion:117 Resp: 97476
Ion Ratio Lower Upper
117 100
201 78.7 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 80.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

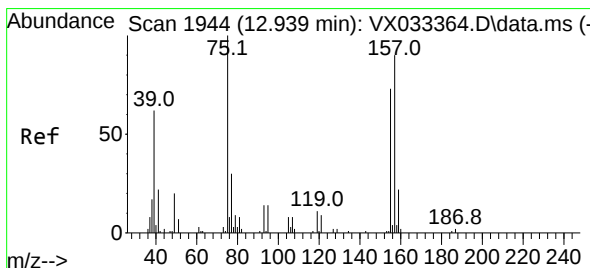
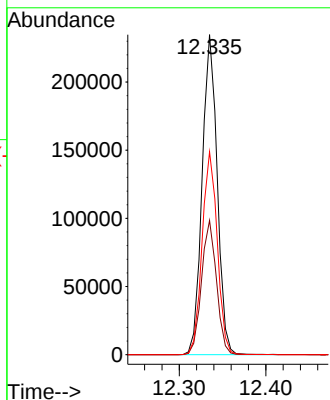
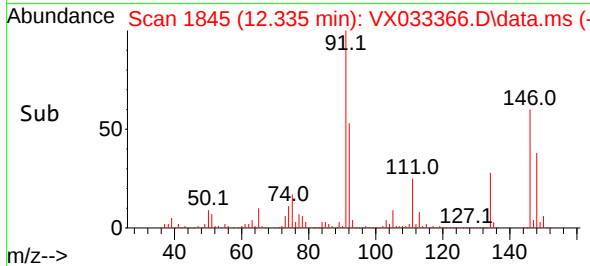
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



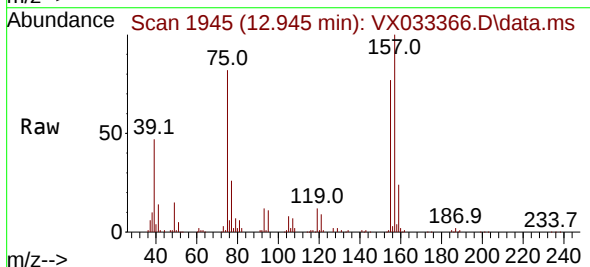
Tgt Ion:146 Resp: 28327
Ion Ratio Lower Upper
146 100
111 41.5 20.0 60.0
148 63.7 33.0 99.0

Manual Integrations
APPROVED

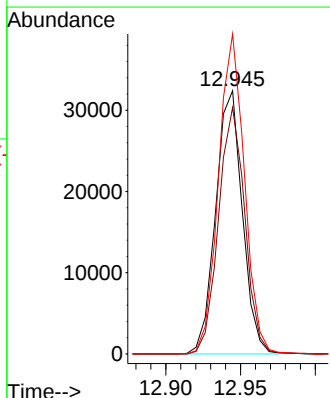
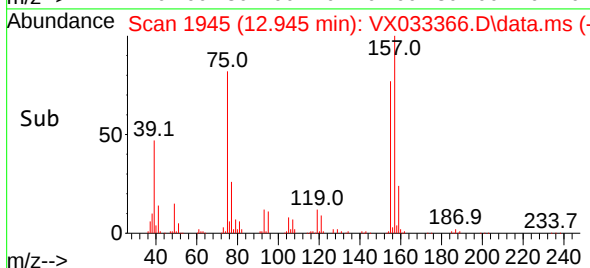
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

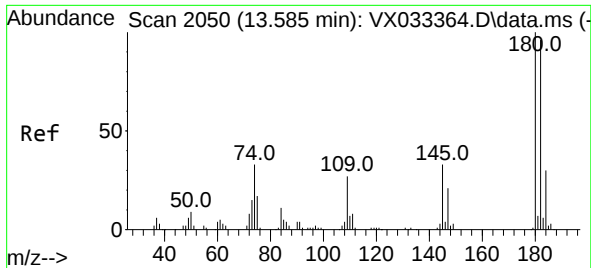


#88
1,2-Dibromo-3-Chloropropane
Concen: 78.281 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



Tgt Ion: 75 Resp: 40146
Ion Ratio Lower Upper
75 100
155 92.1 85.0 127.6
157 118.3 101.0 151.6





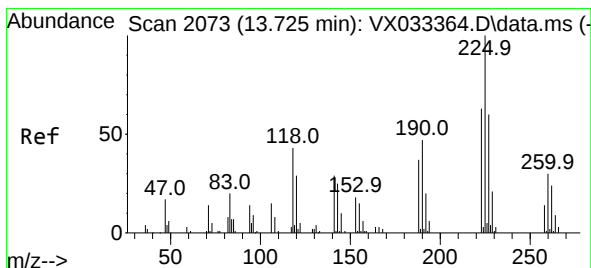
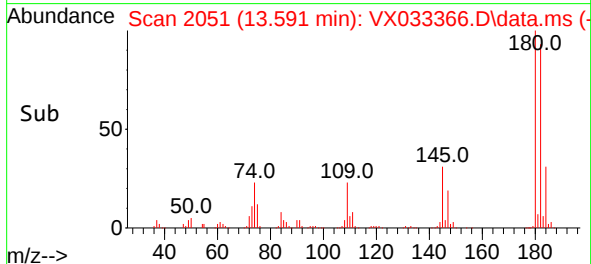
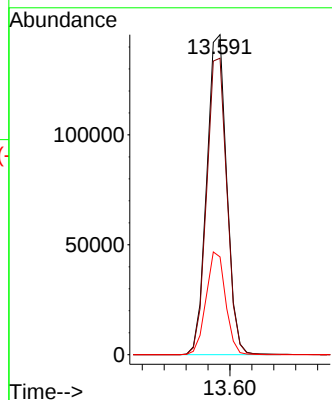
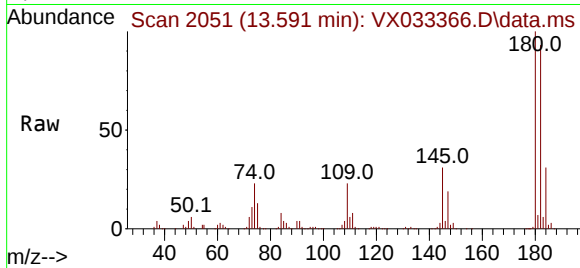
#89
1,2,4-Trichlorobenzene
Concen: 84.832 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 183990
Ion Ratio Lower Upper
180 100
182 93.9 75.3 112.9
145 31.4 25.9 38.9

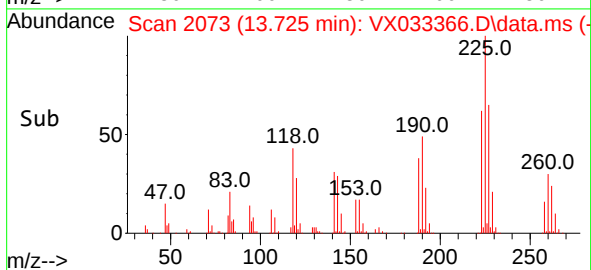
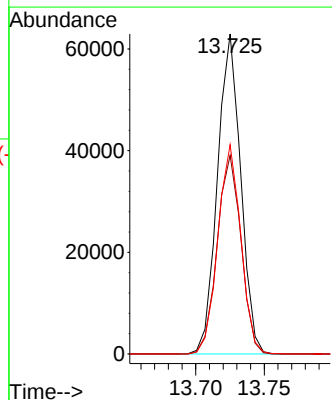
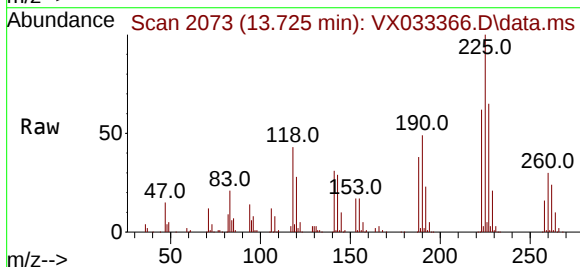
Manual Integrations
APPROVED

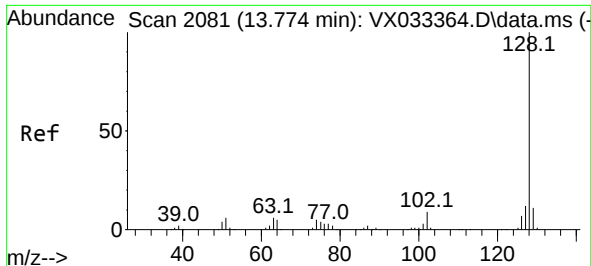
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachlorobutadiene
Concen: 84.923 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

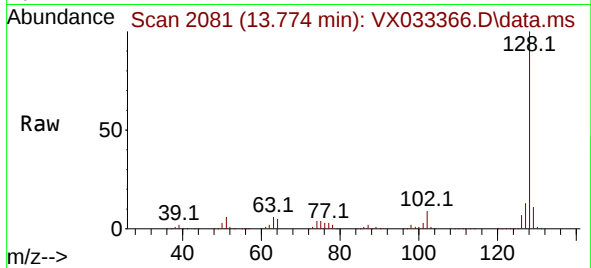
Tgt Ion:225 Resp: 74135
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.0
227 64.6 0.0 127.6





#91
Naphthalene
Concen: 81.171 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

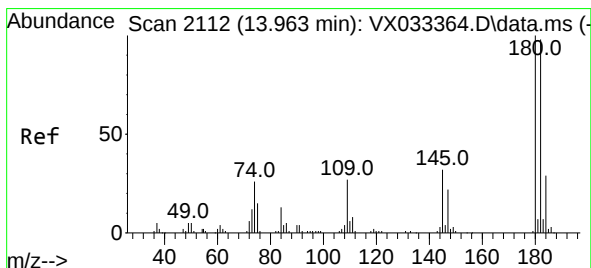
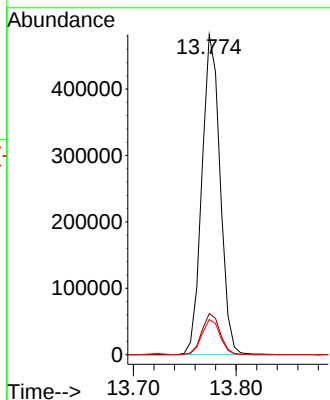
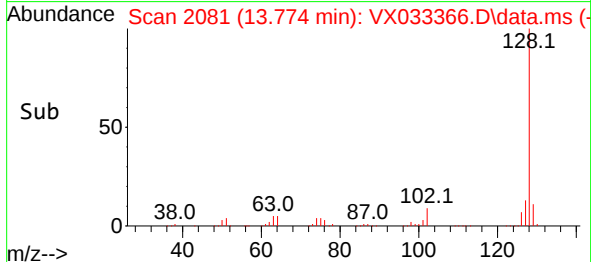
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



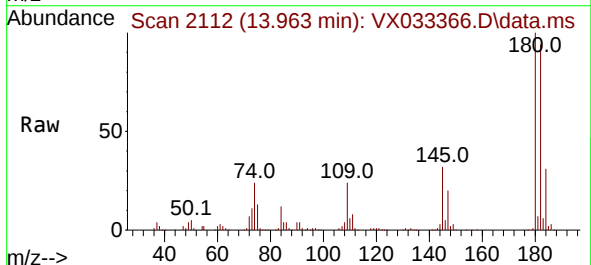
Tgt Ion:128 Resp: 594225
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2,3-Trichlorobenzene
Concen: 83.316 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44



Tgt Ion:180 Resp: 181750
Ion Ratio Lower Upper
180 100
182 94.8 0.0 199.0
145 33.3 0.0 68.2

