

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031831.D
 Acq On : 03 Oct 2022 12:32
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 06:32:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	20044	9.347	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.700%#		
35) Dibromofluoromethane	5.385	113	19187	9.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.380%#		
50) Toluene-d8	8.653	98	67272	9.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.320%#		
62) 4-Bromofluorobenzene	11.079	95	24222	9.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15320	10.838	ug/l	95
3) Chloromethane	1.288	50	15149	10.020	ug/l	95
4) Vinyl Chloride	1.374	62	18851	9.982	ug/l	97
5) Bromomethane	1.612	94	16426	10.483	ug/l	97
6) Chloroethane	1.691	64	15382	7.847	ug/l	96
7) Trichlorofluoromethane	1.886	101	37224	9.757	ug/l	99
8) Diethyl Ether	2.130	74	12321	9.425	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	15948	9.625	ug/l	90
10) Methyl Iodide	2.453	142	13581	7.627	ug/l	99
11) Tert butyl alcohol	3.002	59	15050m	52.482	ug/l	
12) 1,1-Dichloroethene	2.319	96	14780	9.427	ug/l	83
13) Acrolein	2.239	56	6565	37.064	ug/l	96
14) Allyl chloride	2.660	41	18676	9.231	ug/l #	94
15) Acrylonitrile	3.062	53	34397	45.390	ug/l	99
16) Acetone	2.392	43	27935	47.455	ug/l	89
17) Carbon Disulfide	2.514	76	40107	9.354	ug/l	98
18) Methyl Acetate	2.709	43	18325	9.382	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	48038	9.063	ug/l	100
20) Methylene Chloride	2.788	84	16415	9.084	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	17137	9.178	ug/l	86
22) Diisopropyl ether	3.764	45	39536	9.121	ug/l #	93
23) Vinyl Acetate	3.721	43	151380	46.018	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	26997	9.317	ug/l	95
25) 2-Butanone	4.562	43	45012	47.345	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	22601	9.201	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	19779	9.043	ug/l	82
28) Bromochloromethane	4.904	49	11543	9.596	ug/l #	63
29) Tetrahydrofuran	5.019	42	28290	47.973	ug/l #	80
30) Chloroform	5.099	83	32240	9.253	ug/l	95
31) Cyclohexane	5.471	56	22197	9.538	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	29820	9.207	ug/l	95
36) 1,1-Dichloropropene	5.696	75	22879	9.577	ug/l	94
37) Ethyl Acetate	4.715	43	17708	9.451	ug/l #	95
38) Carbon Tetrachloride	5.678	117	27464	9.255	ug/l	96
39) Methylcyclohexane	7.379	83	27525	9.783	ug/l #	87
40) Benzene	6.044	78	66749	9.425	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	9130	8.963	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	22892	9.186	ug/l	93
43) Isopropyl Acetate	6.336	43	28214	9.230	ug/l #	90
44) Trichloroethene	7.129	130	20243	8.885	ug/l	85
45) 1,2-Dichloropropane	7.434	63	15159	9.092	ug/l	90
46) Dibromomethane	7.586	93	13291	9.423	ug/l #	88
47) Bromodichloromethane	7.824	83	25514	9.126	ug/l	95
48) Methyl methacrylate	7.696	41	12356	9.028	ug/l #	81
49) 1,4-Dioxane	7.702	88	9021	206.053	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	92437	48.504	ug/l	91
52) Toluene	8.720	92	46593	9.408	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24035	8.942	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	26746	9.095	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	18447	9.170	ug/l	96
56) Ethyl methacrylate	9.116	69	22213	9.398	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	29042	9.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	49340	40.773	ug/l #	84
59) 2-Hexanone	9.433	43	68652	49.526	ug/l	87
60) Dibromochloromethane	9.525	129	22262	9.021	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20451	9.139	ug/l	98
64) Tetrachloroethene	9.275	164	21114	9.097	ug/l	98
65) Chlorobenzene	10.080	112	53121	9.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20179	9.123	ug/l	99
67) Ethyl Benzene	10.195	91	87052	9.425	ug/l	97
68) m/p-Xylenes	10.299	106	73312	19.151	ug/l	93
69) o-Xylene	10.640	106	35151	9.473	ug/l	93
70) Styrene	10.659	104	56488	9.281	ug/l	95
71) Bromoform	10.799	173	15969	8.391	ug/l #	98
73) Isopropylbenzene	10.964	105	91184	9.551	ug/l	100
74) N-amyl acetate	10.842	43	21168	9.022	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	26327	9.460	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	23532m	9.963	ug/l	
77) Bromobenzene	11.201	156	23574	9.032	ug/l	86
78) n-propylbenzene	11.305	91	99587	9.582	ug/l	97
79) 2-Chlorotoluene	11.366	91	60058	9.452	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	77482	9.677	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6624	8.476	ug/l	94
82) 4-Chlorotoluene	11.457	91	71804	9.777	ug/l	96
83) tert-Butylbenzene	11.713	119	76065	9.454	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	77084	9.629	ug/l	98
85) sec-Butylbenzene	11.890	105	91817	9.644	ug/l	98
86) p-Isopropyltoluene	12.012	119	81922	9.776	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44044	9.073	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	46992	9.293	ug/l	99
89) n-Butylbenzene	12.335	91	62782	9.570	ug/l	98
90) Hexachloroethane	12.542	117	13521	8.894	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	44912	9.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5815	9.892	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	26227	8.886	ug/l	98
94) Hexachlorobutadiene	13.725	225	11072	9.492	ug/l	95
95) Naphthalene	13.774	128	88541	9.466	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26733	9.297	ug/l	99

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

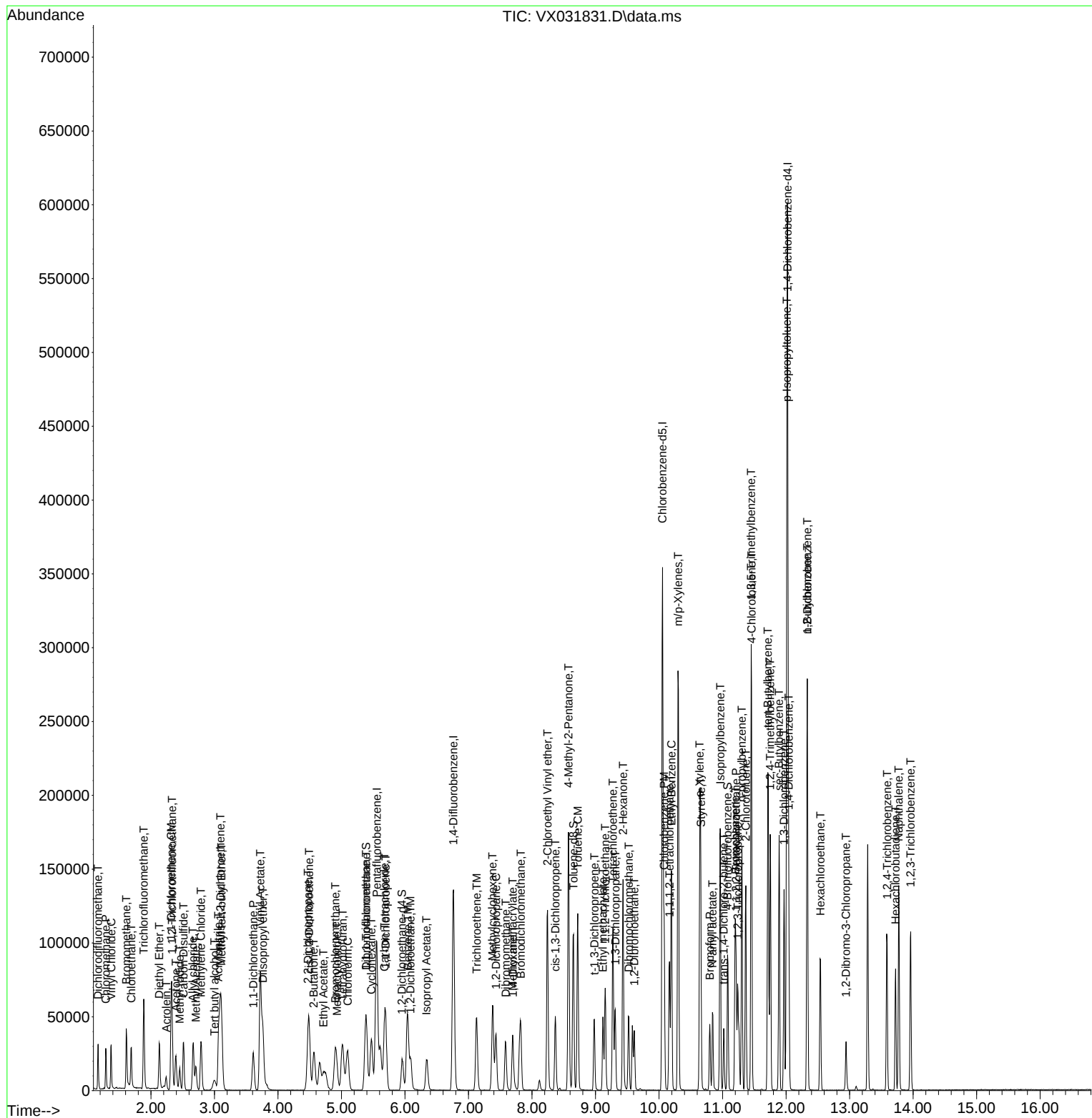
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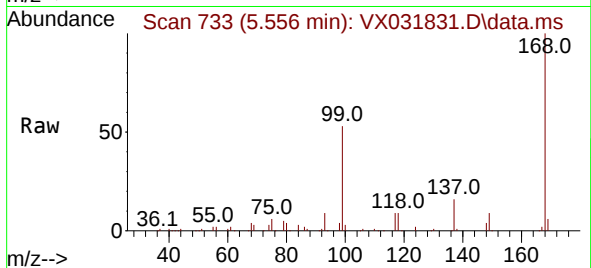
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

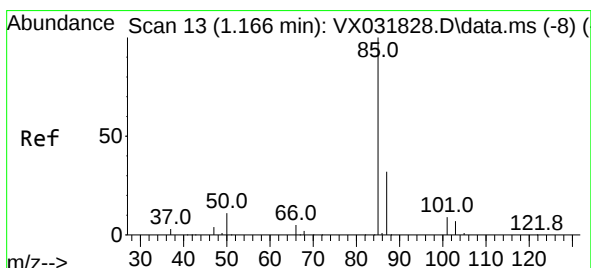
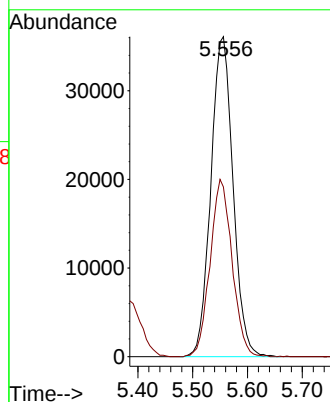
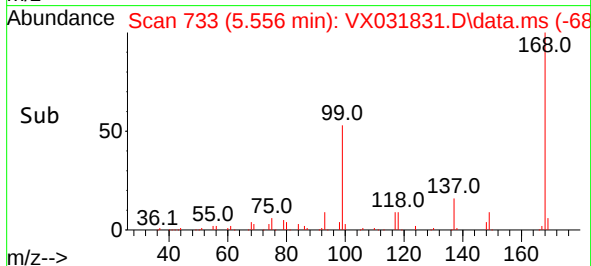
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 10133
Ion Ratio Lower Upper
168 100
99 53.0 48.8 73.2

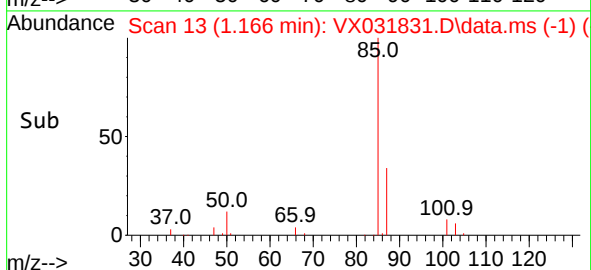
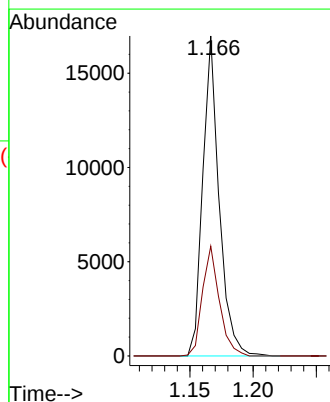
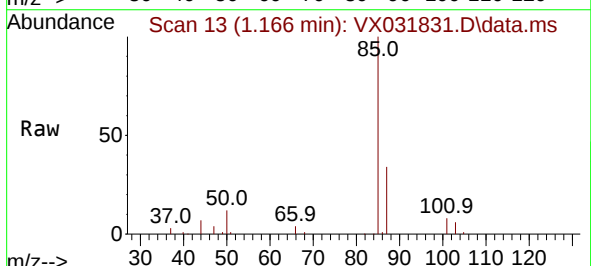
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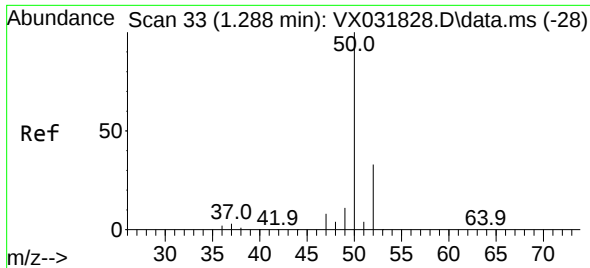
Reviewed By :John Carlone 10/04/2022
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#2
Dichlorodifluoromethane
Concen: 10.838 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 85 Resp: 15320
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4





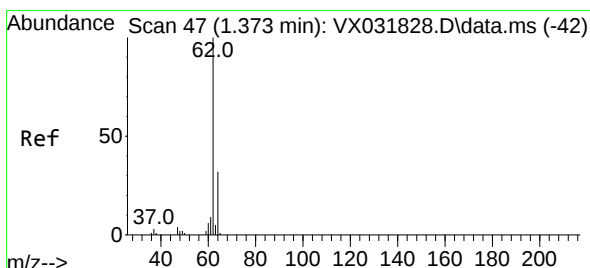
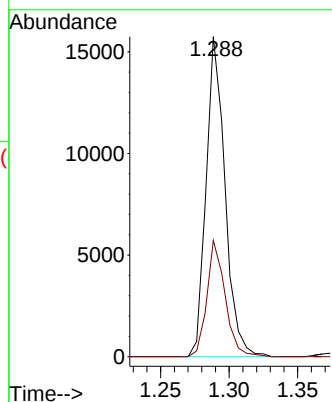
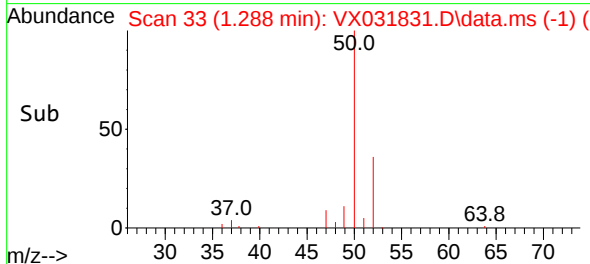
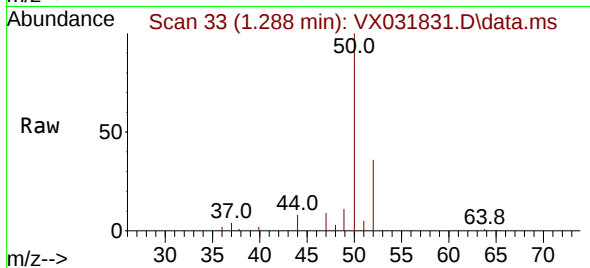
#3
Chloromethane
Concen: 10.020 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 15149
Ion Ratio Lower Upper
50 100
52 36.4 26.9 40.3

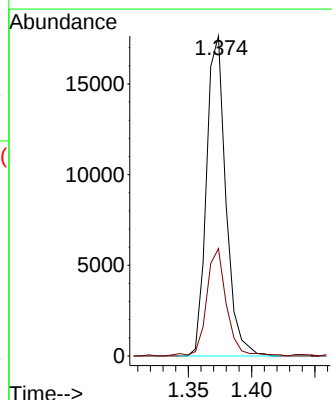
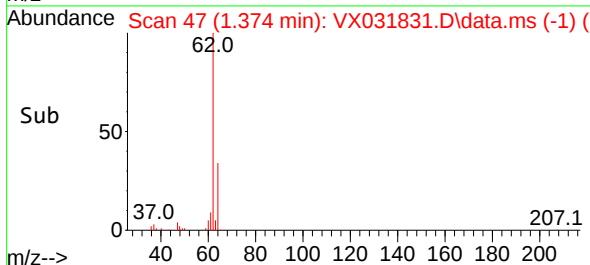
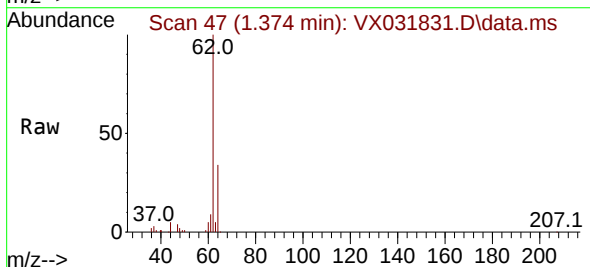
Manual Integrations
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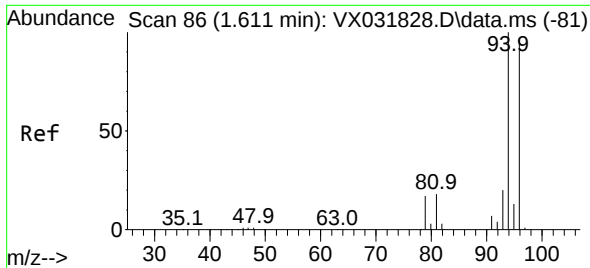
Reviewed By :John Carlone 10/04/2022
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#4
Vinyl Chloride
Concen: 9.982 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

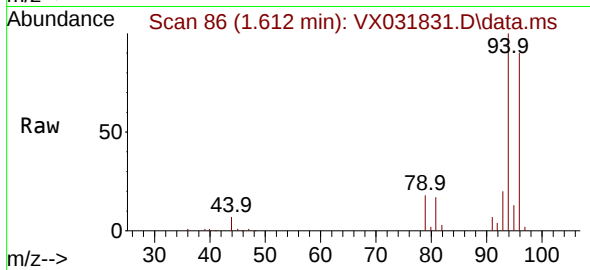
Tgt Ion: 62 Resp: 18851
Ion Ratio Lower Upper
62 100
64 33.2 25.3 37.9





#5
Bromomethane
Concen: 10.483 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

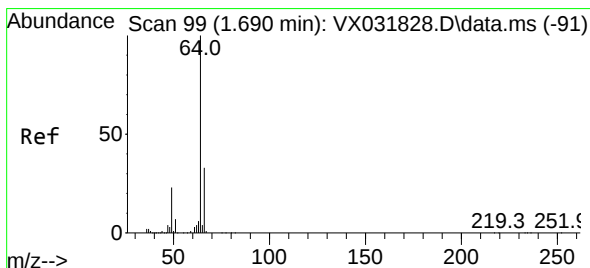
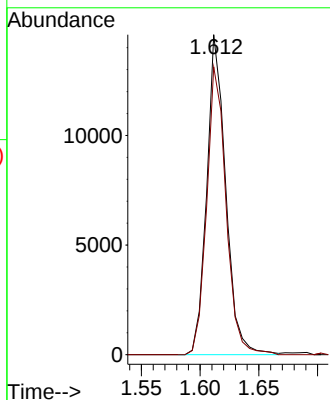
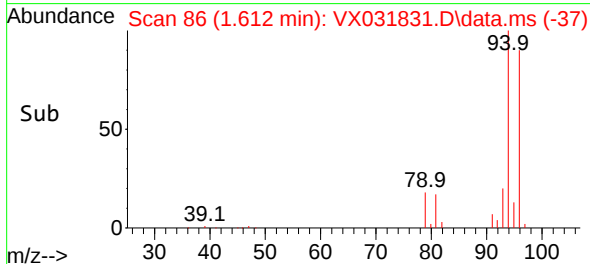
Instrument :
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Tgt Ion: 94 Resp: 16420
Ion Ratio Lower Upper
94 100
96 89.9 74.4 111.6

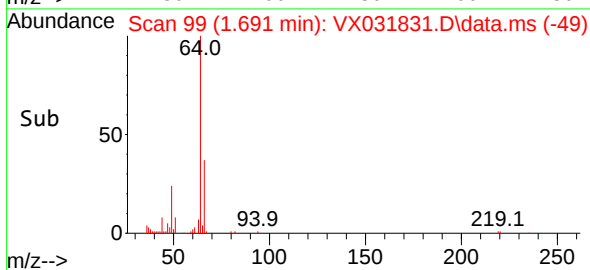
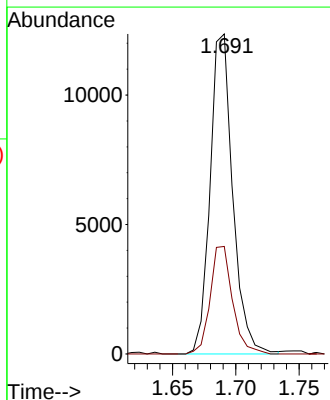
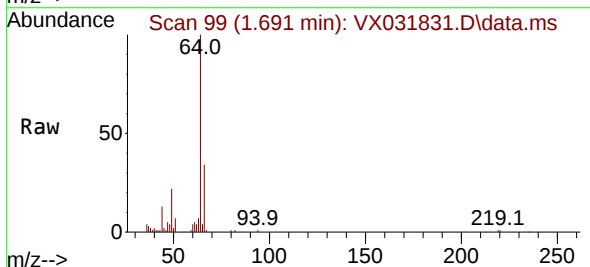
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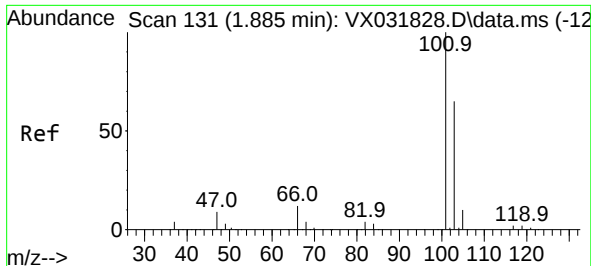
Reviewed By :John Carlone 10/04/2022
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#6
Chloroethane
Concen: 7.847 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031831.D
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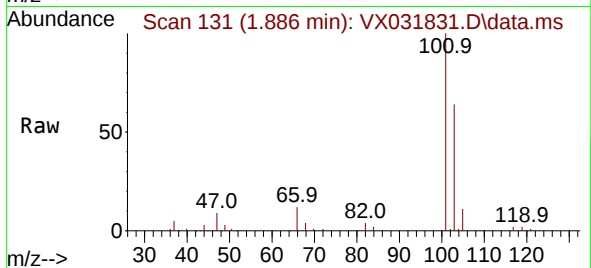
Tgt Ion: 64 Resp: 15382
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.4





#7
Trichlorofluoromethane
Concen: 9.757 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

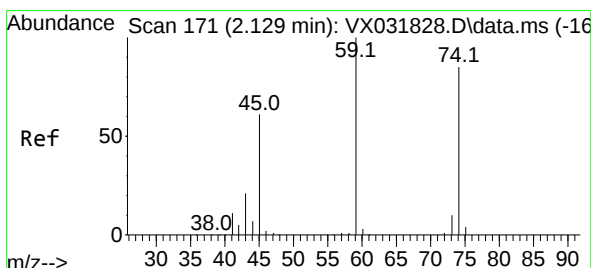
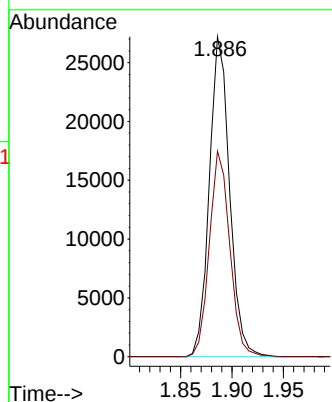
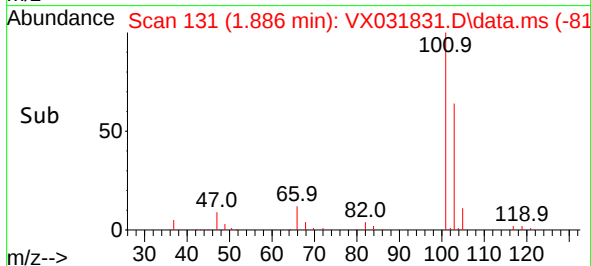
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion:101 Resp: 37224
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

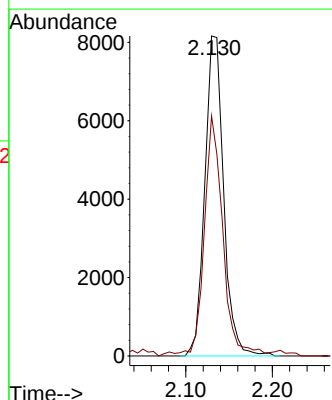
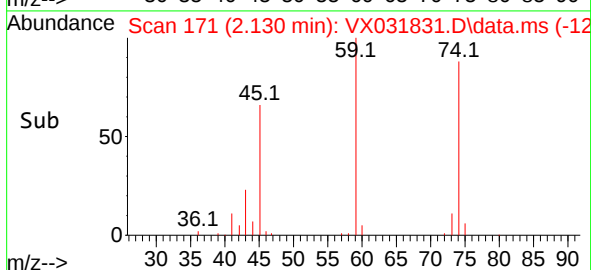
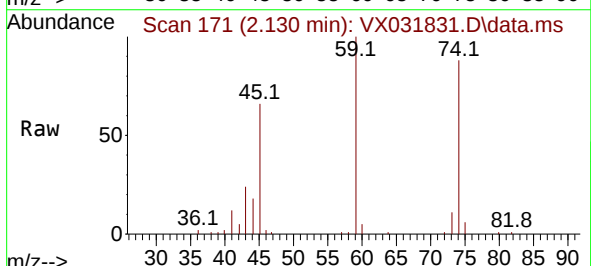
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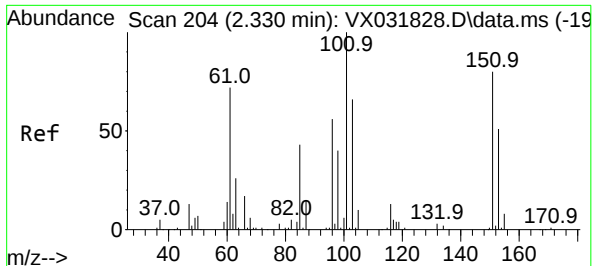
Reviewed By :John Carlone 10/04/2022
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#8
Diethyl Ether
Concen: 9.425 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX031831.D
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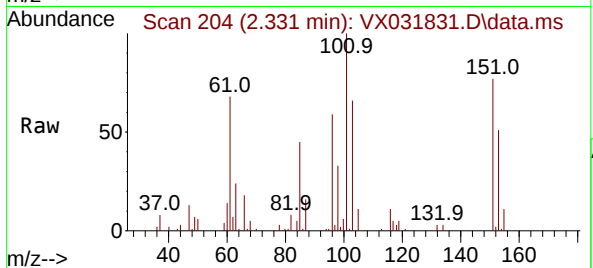
Tgt Ion: 74 Resp: 12321
Ion Ratio Lower Upper
74 100
45 74.2 48.5 145.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.625 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

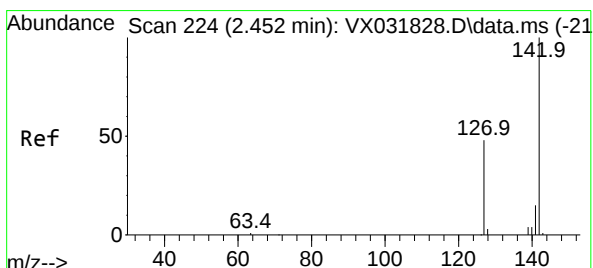
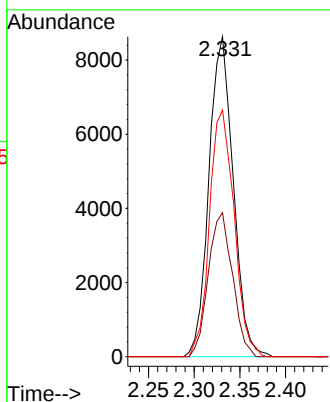
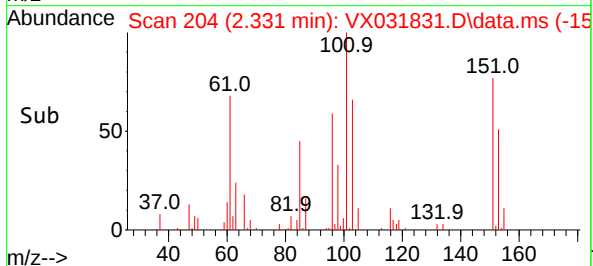
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



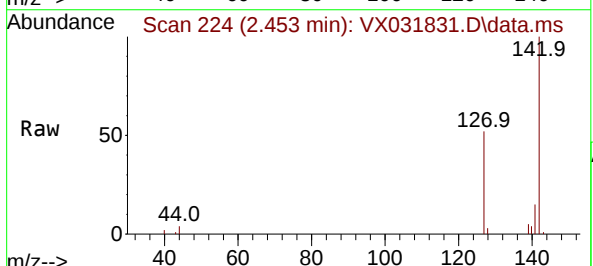
Tgt Ion:101 Resp: 1594
Ion Ratio Lower Upper
101 100
85 44.8 38.6 57.8
151 78.2 54.0 81.0

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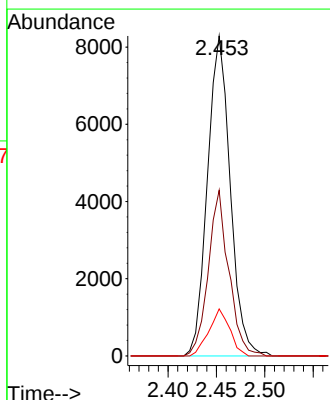
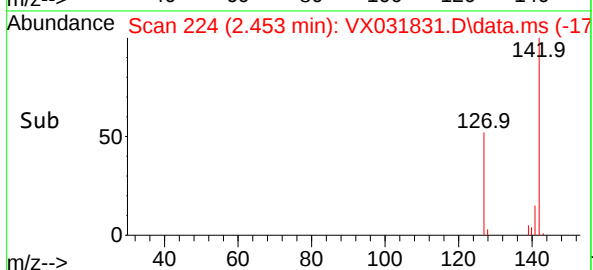
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

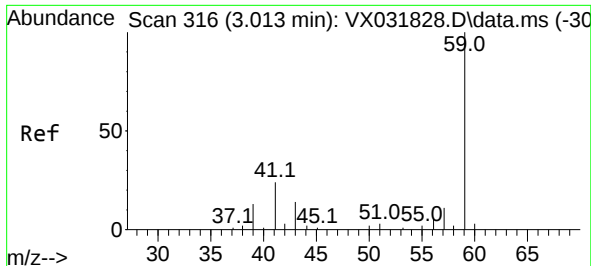


#10
Methyl Iodide
Concen: 7.627 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32



Tgt Ion:142 Resp: 13581
Ion Ratio Lower Upper
142 100
127 46.7 37.4 56.0
141 13.5 11.6 17.4





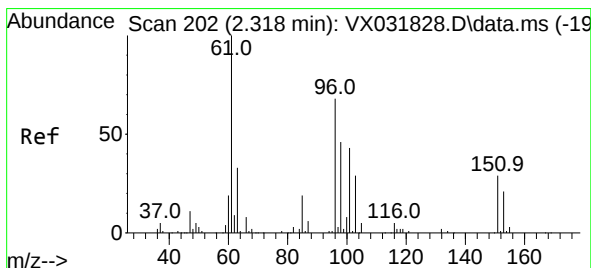
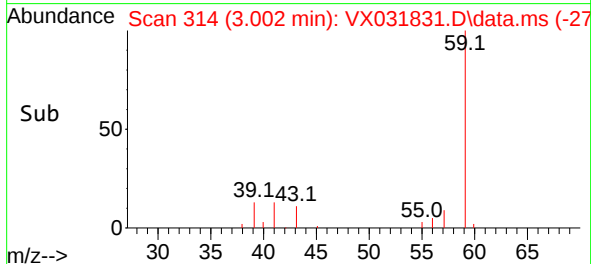
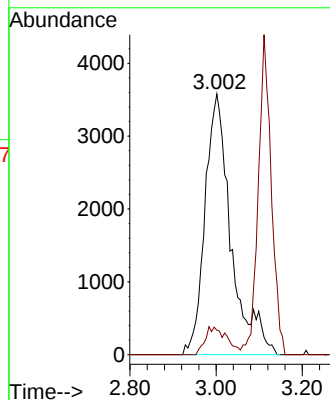
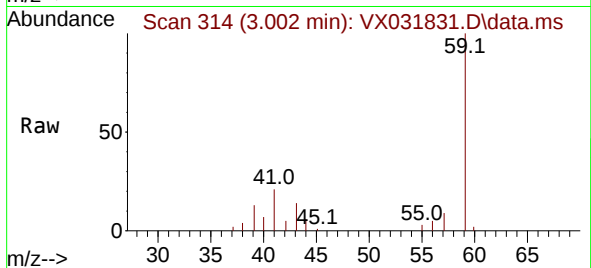
#11
Tert butyl alcohol
Concen: 52.482 ug/l m
RT: 3.002 min Scan# 316
Delta R.T. -0.079 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 15050
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

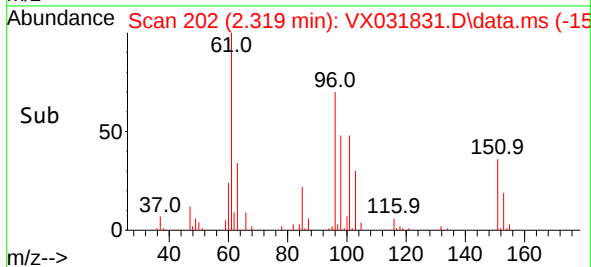
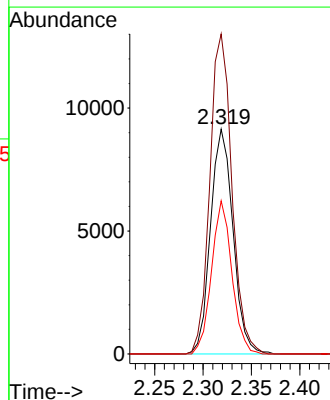
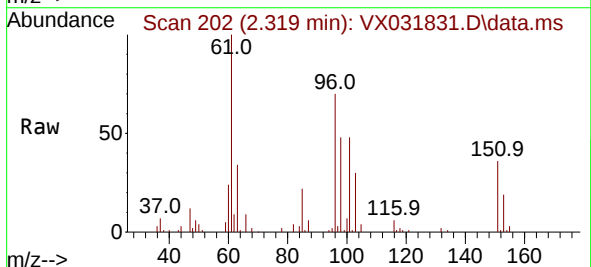
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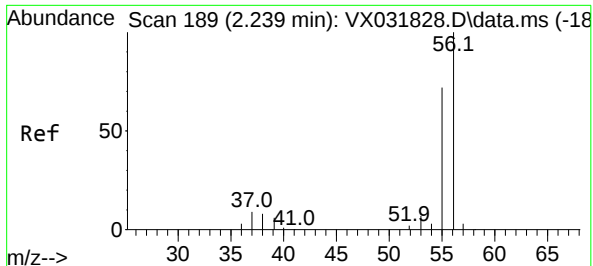
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 9.427 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 96 Resp: 14780
Ion Ratio Lower Upper
96 100
61 142.3 135.3 202.9
98 68.1 49.4 74.2





#13

Acrolein

Concen: 37.064 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 656

Ion Ratio Lower Upper

56 100

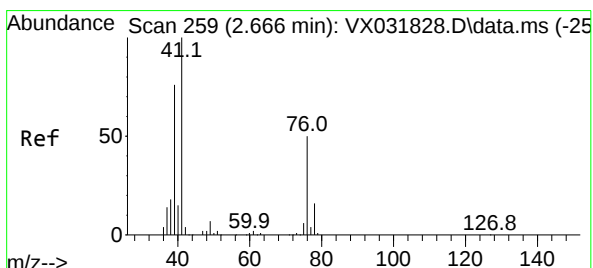
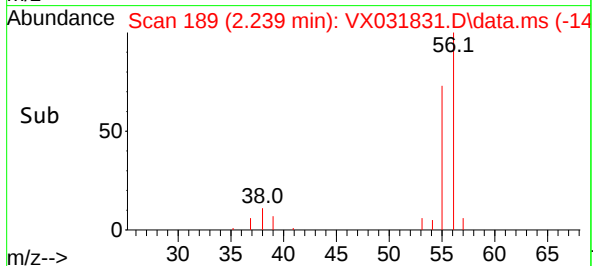
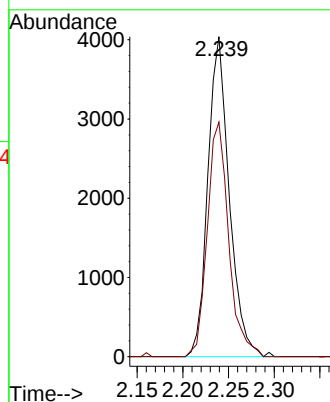
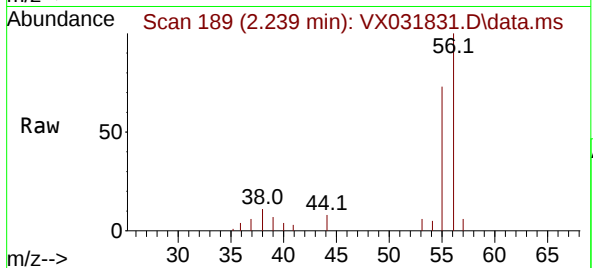
55 73.2 56.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#14

Allyl chloride

Concen: 9.231 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

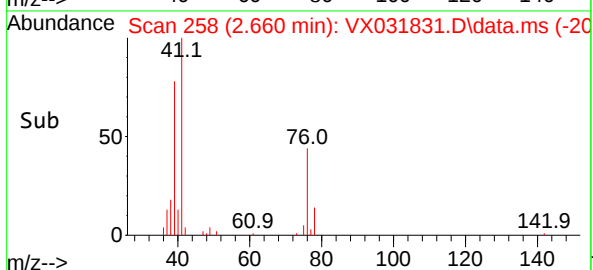
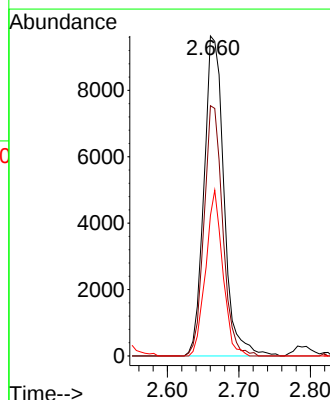
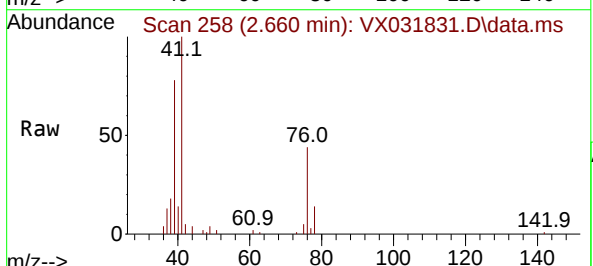
Tgt Ion: 41 Resp: 18676

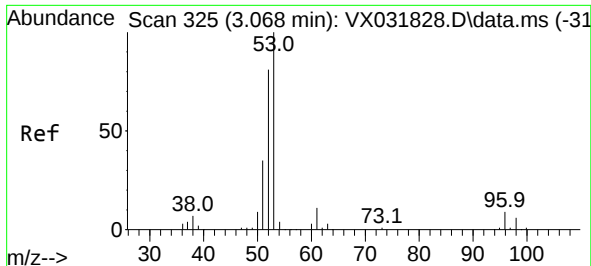
Ion Ratio Lower Upper

41 100

39 73.0 58.2 87.4

76 44.2 26.9 40.3





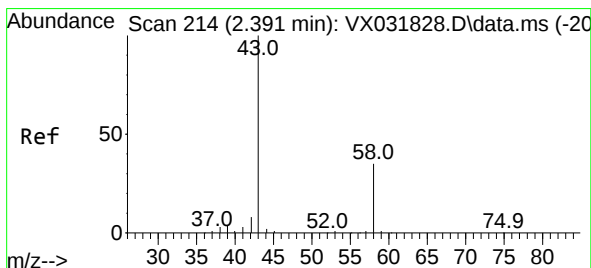
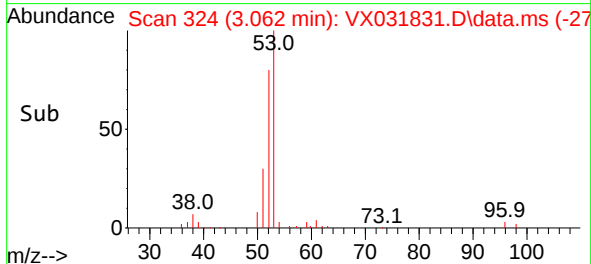
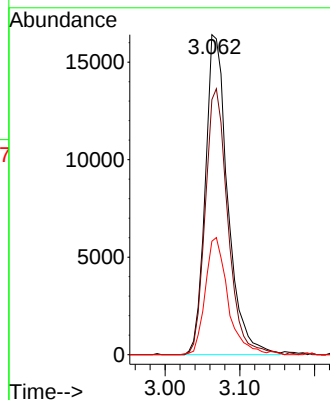
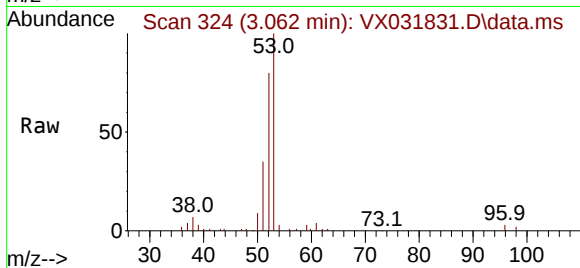
#15
Acrylonitrile
Concen: 45.390 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 53 Resp: 3439
Ion Ratio Lower Upper
53 100
52 83.2 66.9 100.3
51 36.8 30.0 45.0

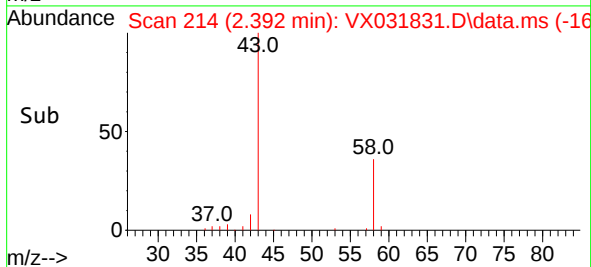
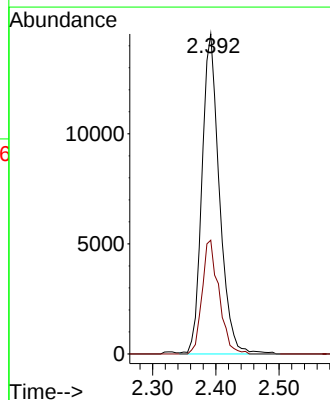
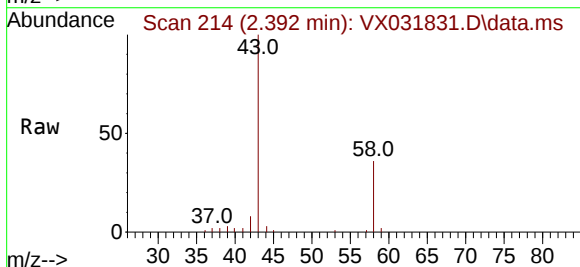
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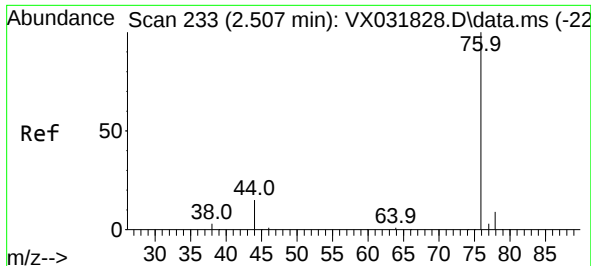
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 47.455 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 43 Resp: 27935
Ion Ratio Lower Upper
43 100
58 35.6 23.8 35.8





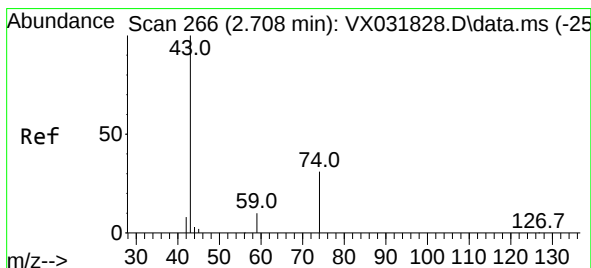
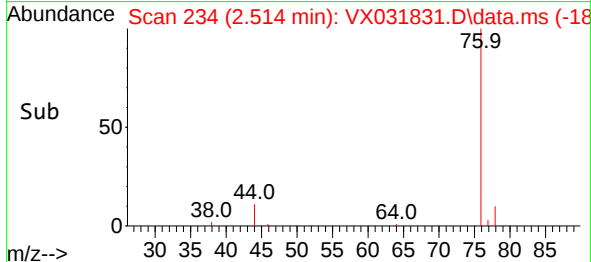
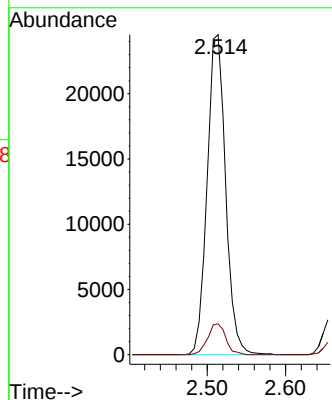
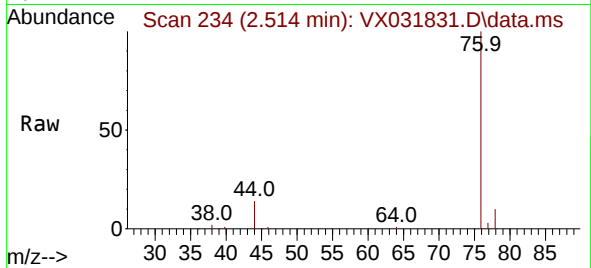
#17
Carbon Disulfide
Concen: 9.354 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 4010
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

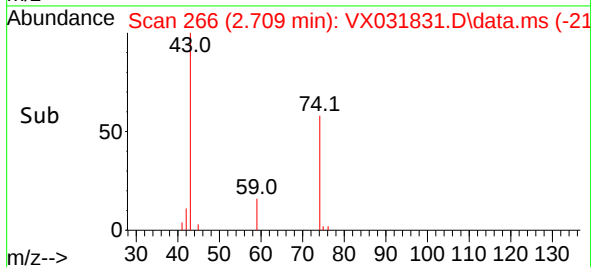
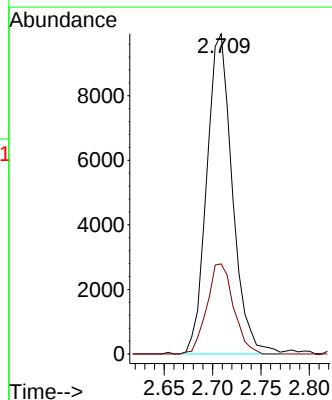
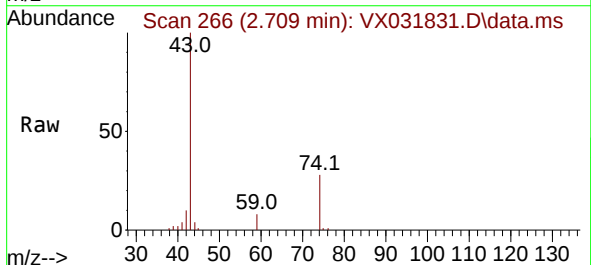
Manual Integrations
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Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 9.382 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 43 Resp: 18325
Ion Ratio Lower Upper
43 100
74 29.2 18.6 27.8#





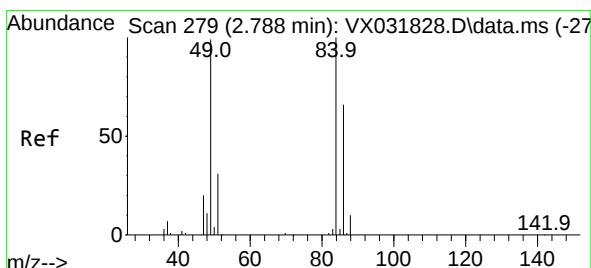
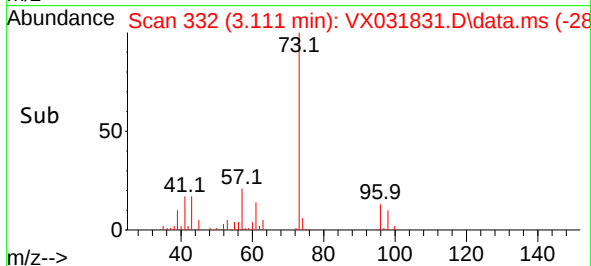
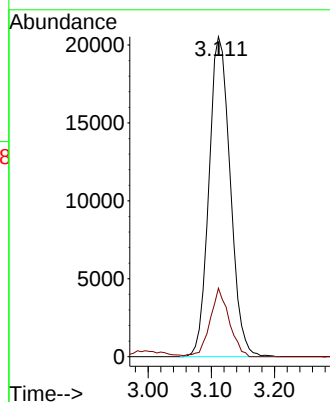
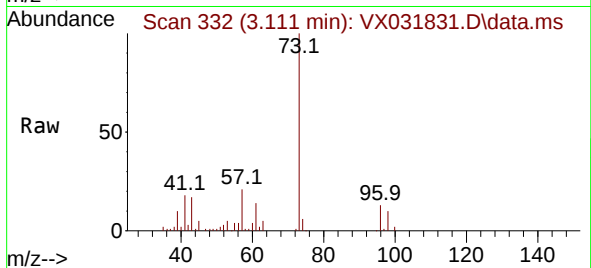
#19
Methyl tert-butyl Ether
Concen: 9.063 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 48038
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8

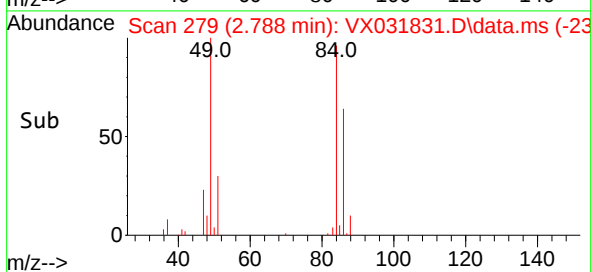
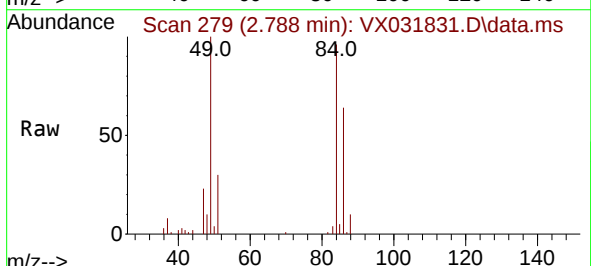
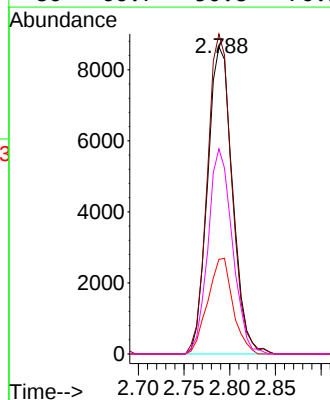
Manual Integrations
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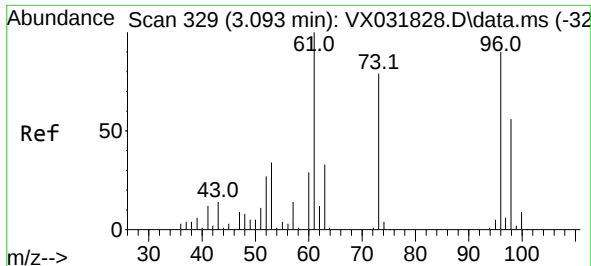
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 9.084 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

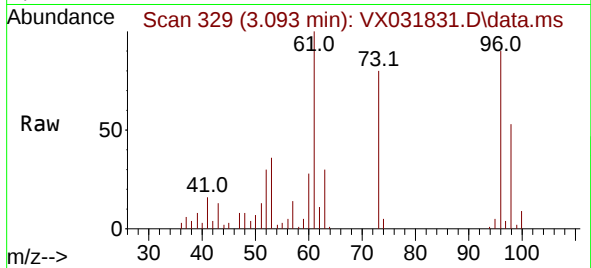
Tgt Ion: 84 Resp: 16415
Ion Ratio Lower Upper
84 100
49 104.1 105.9 158.9#
51 30.8 32.2 48.2#
86 66.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 9.178 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

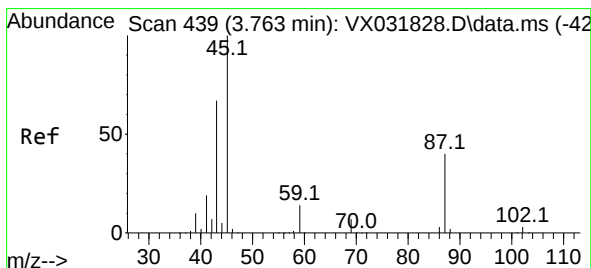
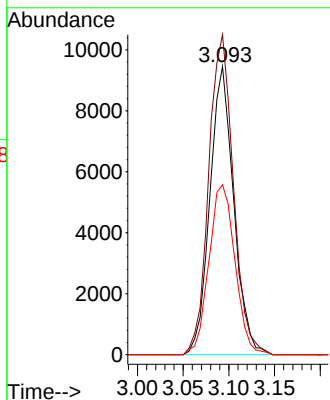
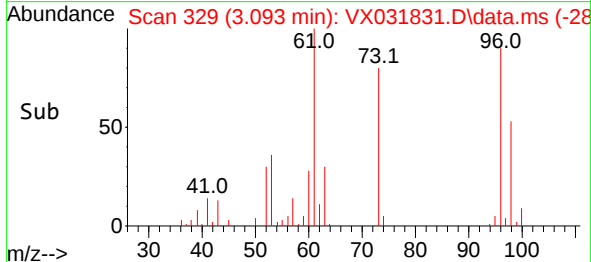
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 1713
Ion Ratio Lower Upper
96 100
61 111.0 106.7 160.1
98 58.9 48.7 73.1

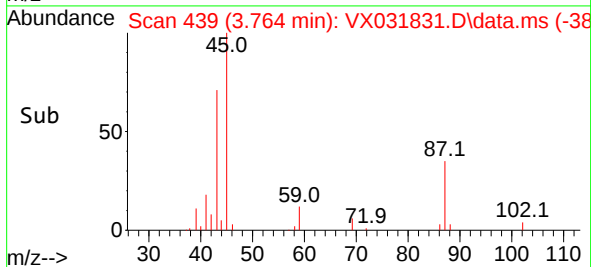
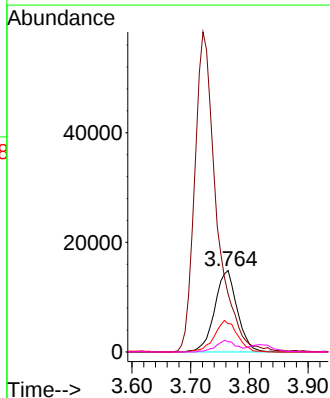
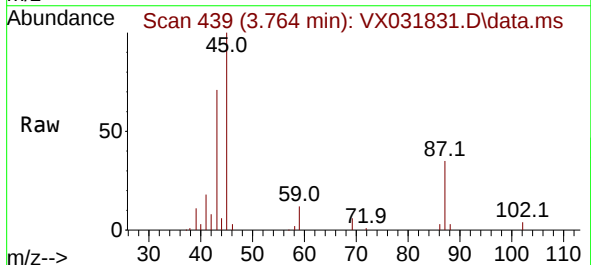
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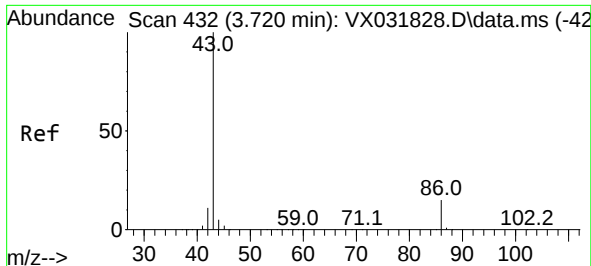
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#22
Diisopropyl ether
Concen: 9.121 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 45 Resp: 39536
Ion Ratio Lower Upper
45 100
43 69.8 59.0 88.6
87 34.9 22.6 33.8#
59 12.5 8.8 13.2





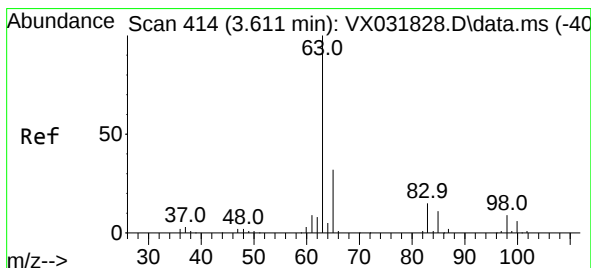
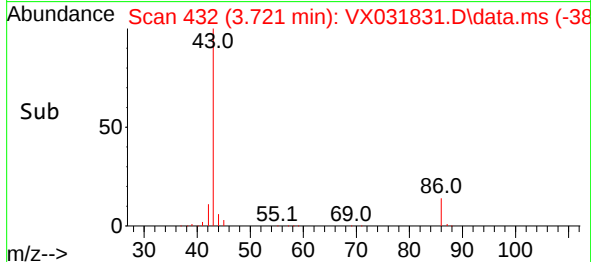
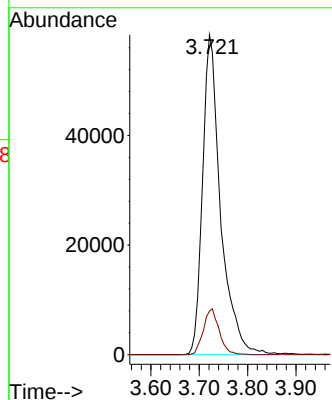
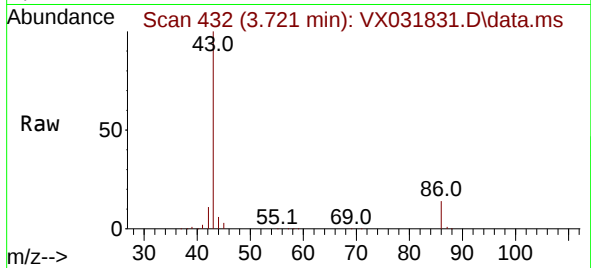
#23
 Vinyl Acetate
 Concen: 46.018 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031831.D
 Acq: 03 Oct 2022 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 151380
 Ion Ratio Lower Upper
 43 100
 86 13.6 8.7 13.1

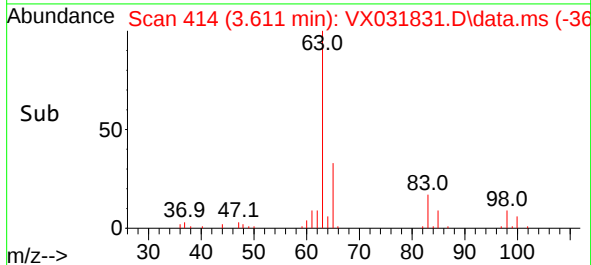
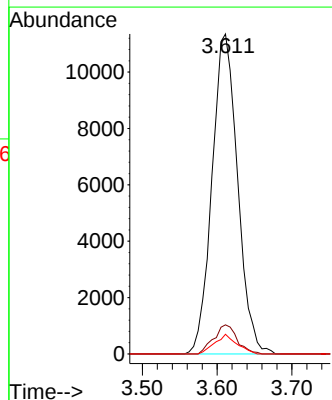
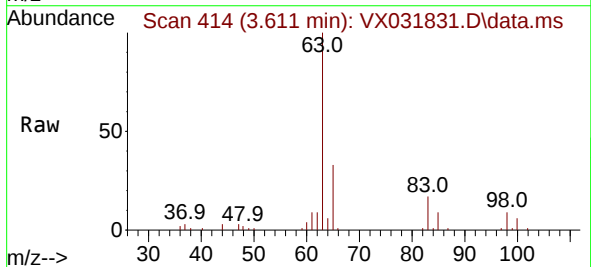
Manual Integrations
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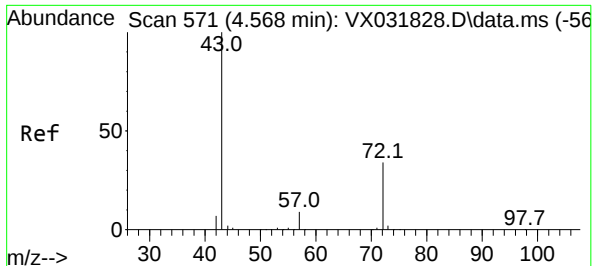
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 9.317 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031831.D
 Acq: 03 Oct 2022 12:32

Tgt Ion: 63 Resp: 26997
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.5 10.4
 100 6.2 2.4 7.2





#25

2-Butanone

Concen: 47.345 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 4501

Ion Ratio Lower Upper

43 100

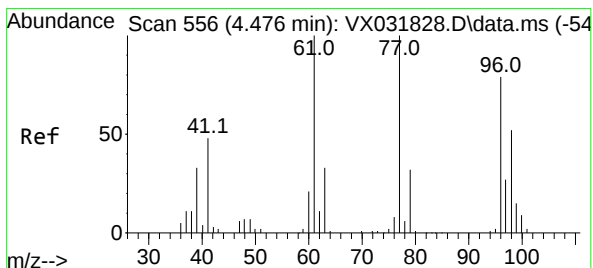
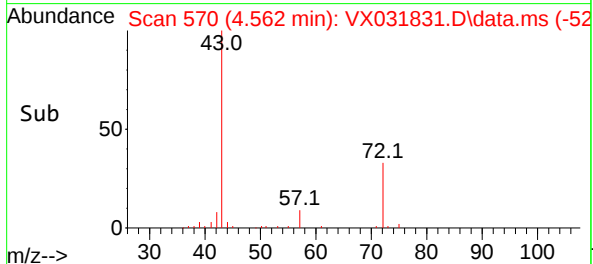
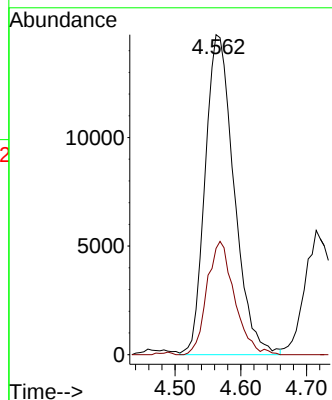
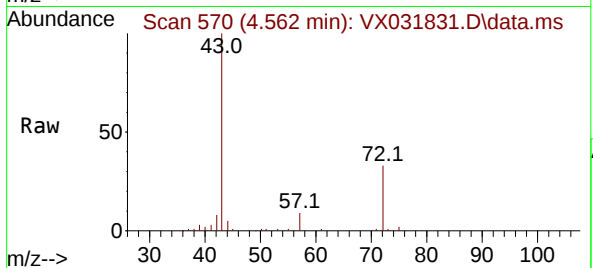
72 33.4 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 9.201 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX031831.D

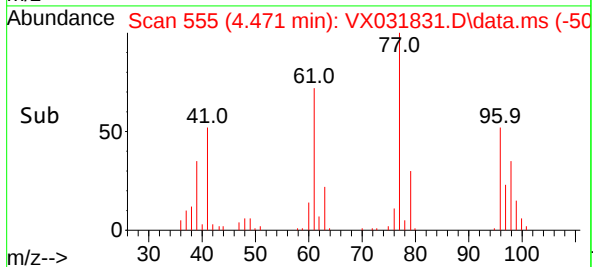
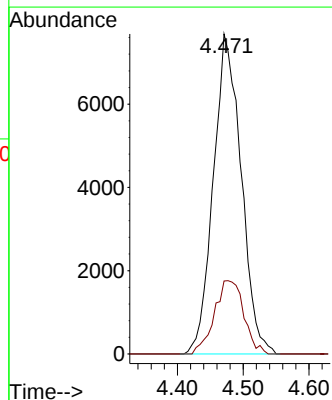
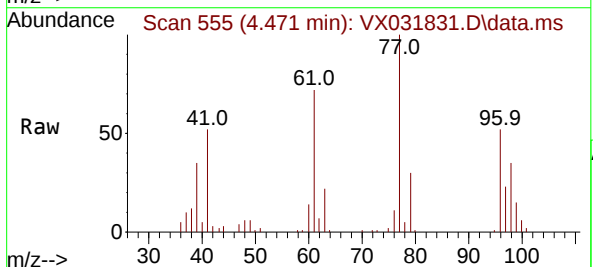
Acq: 03 Oct 2022 12:32

Tgt Ion: 77 Resp: 22601

Ion Ratio Lower Upper

77 100

97 24.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 9.043 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 19779

Ion Ratio Lower Upper

96 100

61 120.3 0.0 305.2

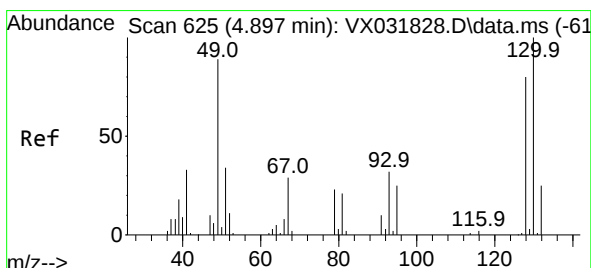
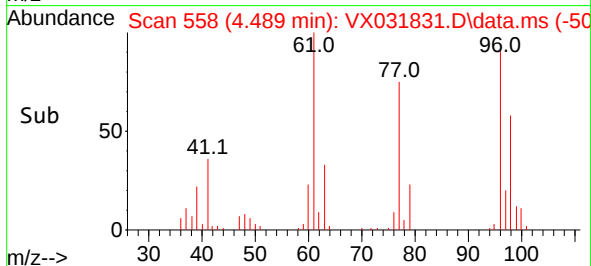
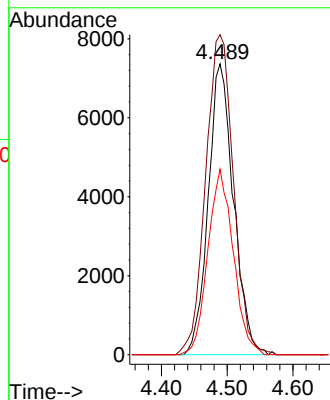
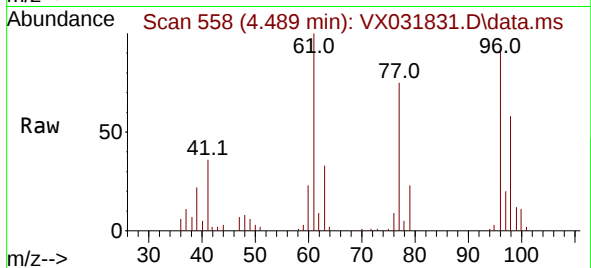
98 63.9 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 9.596 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

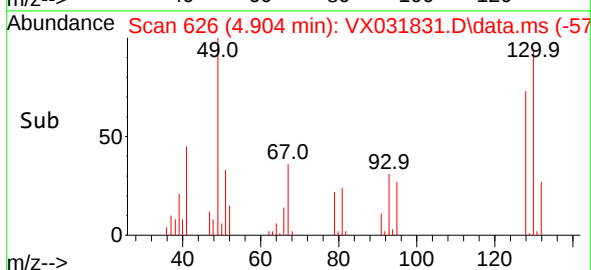
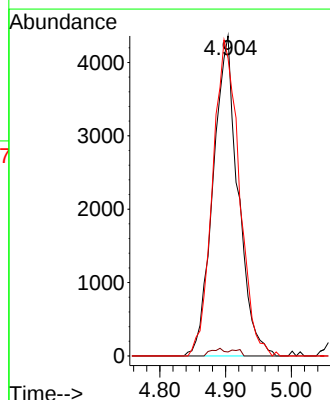
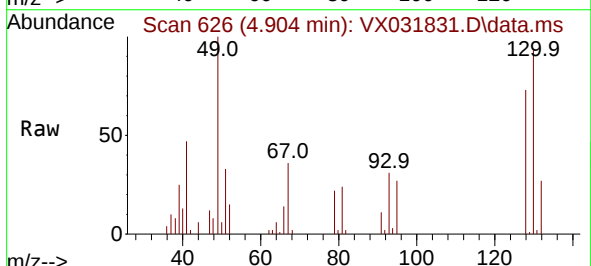
Tgt Ion: 49 Resp: 11543

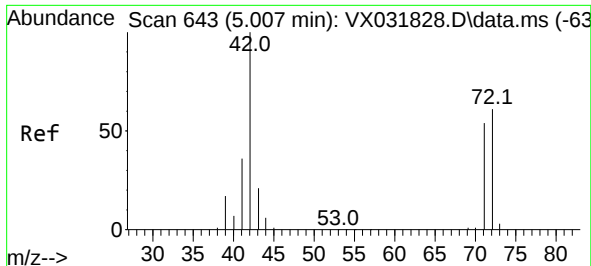
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.6

130 105.6 59.0 88.4#





#29

Tetrahydrofuran

Concen: 47.973 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

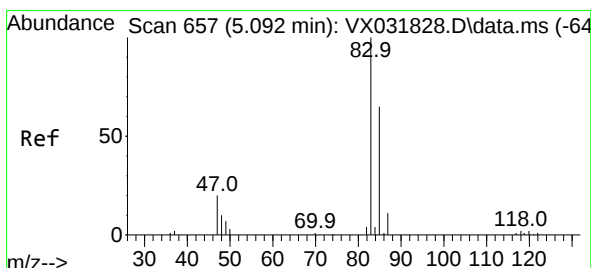
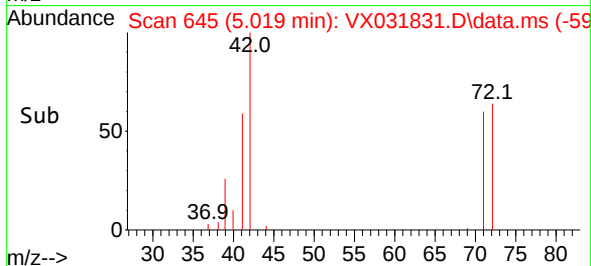
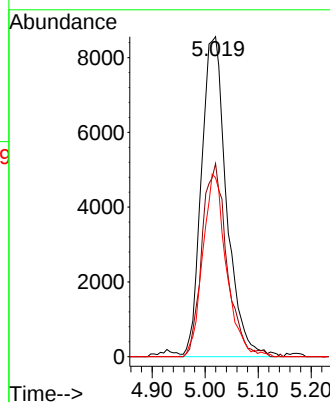
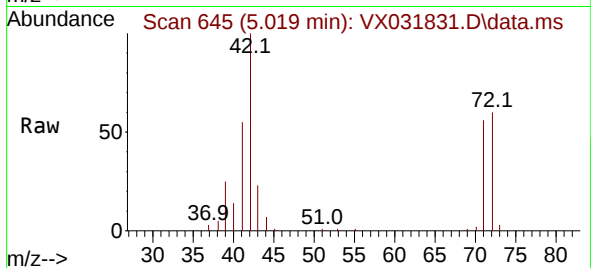
Tgt Ion:	42	Resp:	28290
Ion	Ratio	Lower	Upper
42	100		
72	59.6	36.4	54.6
71	53.6	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 9.253 ug/l

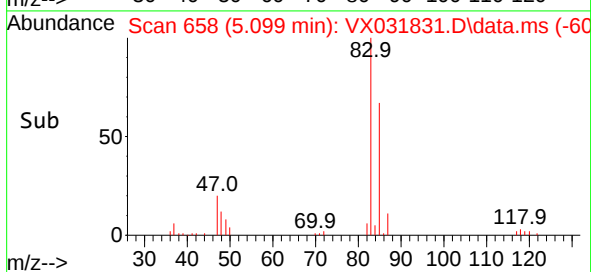
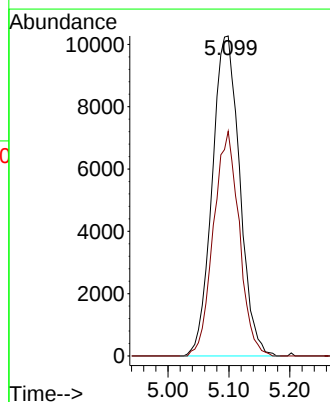
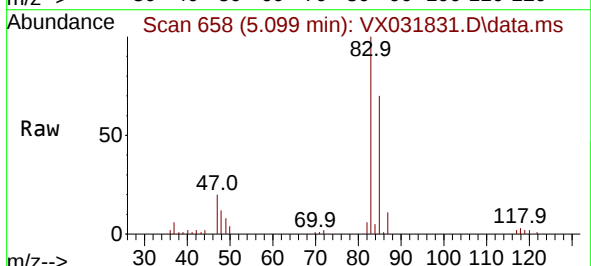
RT: 5.099 min Scan# 658

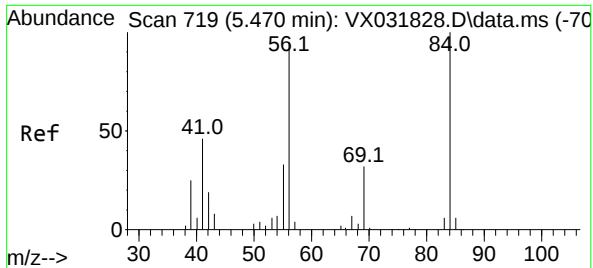
Delta R.T. 0.006 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

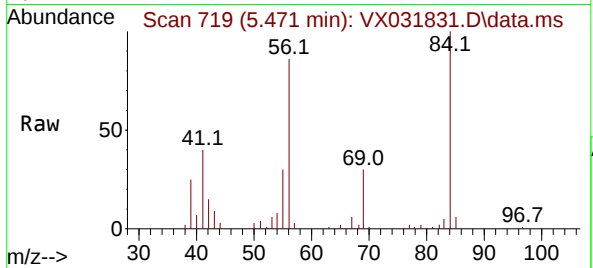
Tgt Ion:	83	Resp:	32240
Ion	Ratio	Lower	Upper
83	100		
85	70.2	52.8	79.2





#31
Cyclohexane
Concen: 9.538 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

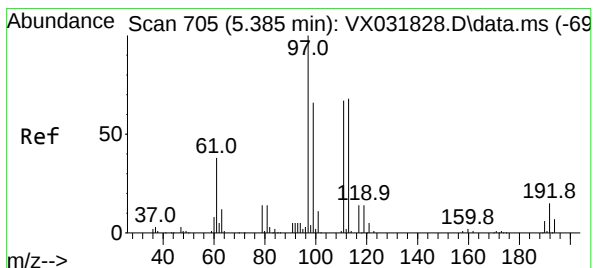
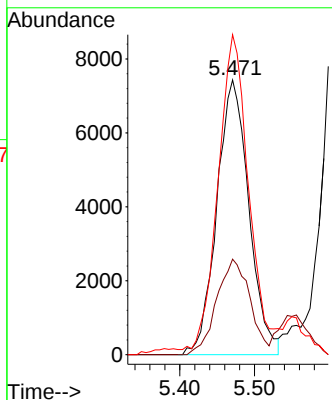
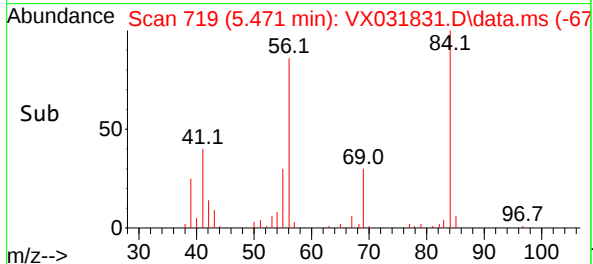
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 2219
Ion Ratio Lower Upper
56 100
69 34.7 25.1 37.7
84 114.6 70.2 105.4

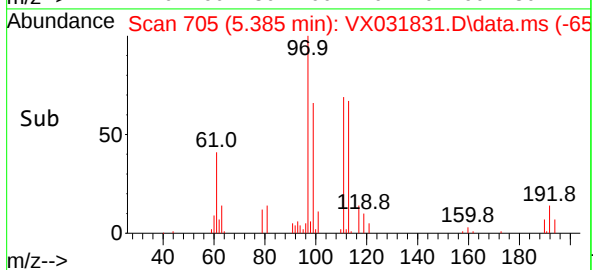
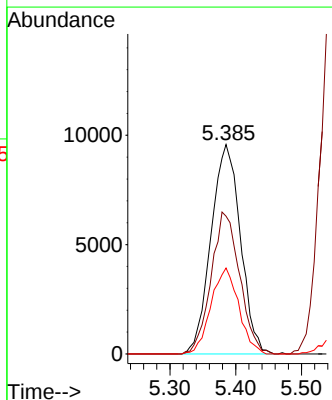
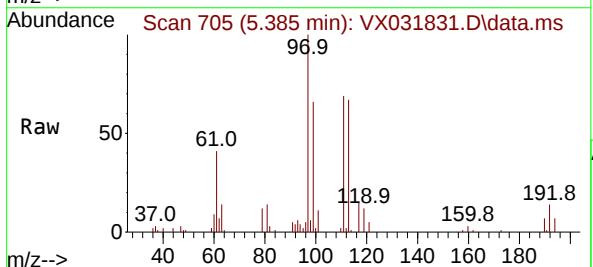
Manual Integrations
APPROVED

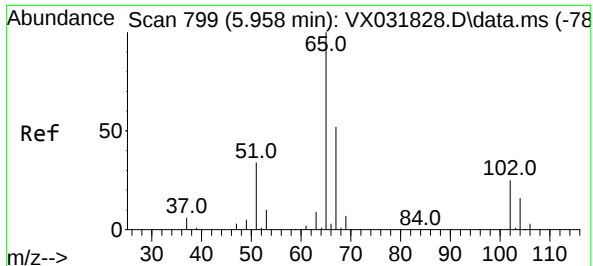
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#32
1,1,1-Trichloroethane
Concen: 9.207 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 97 Resp: 29820
Ion Ratio Lower Upper
97 100
99 65.7 51.3 76.9
61 38.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 9.347 ug/l

RT: 5.952 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 2004

Ion Ratio Lower Upper

65 100

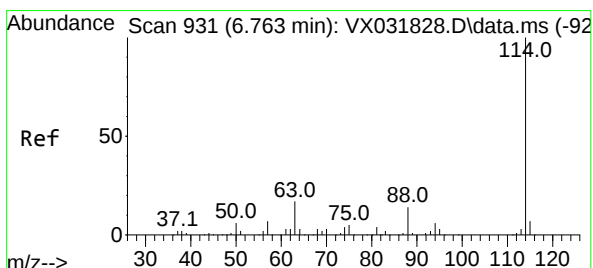
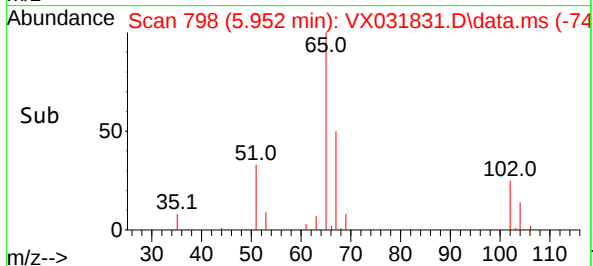
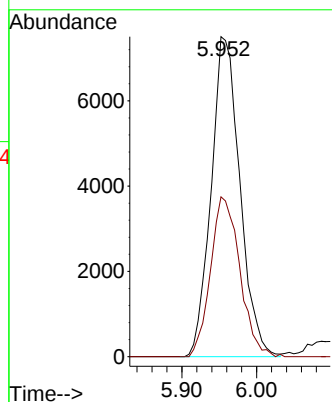
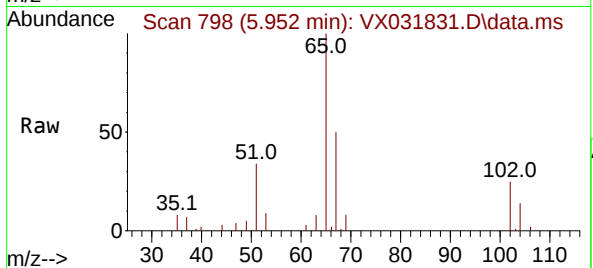
67 50.8 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

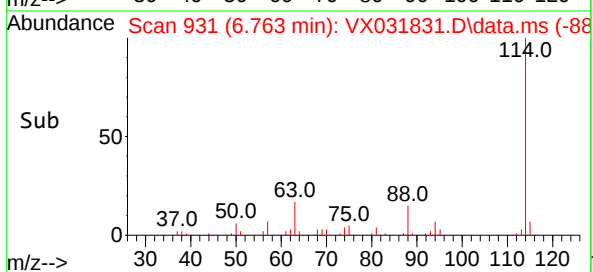
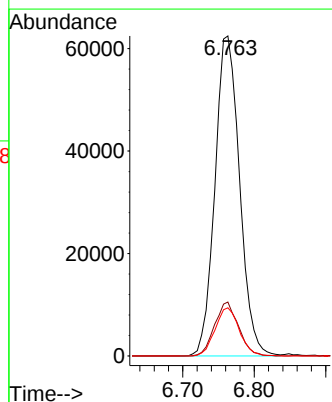
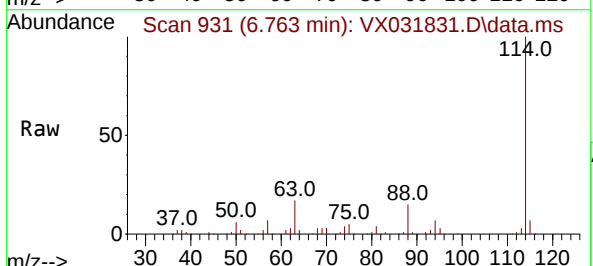
Tgt Ion:114 Resp: 149503

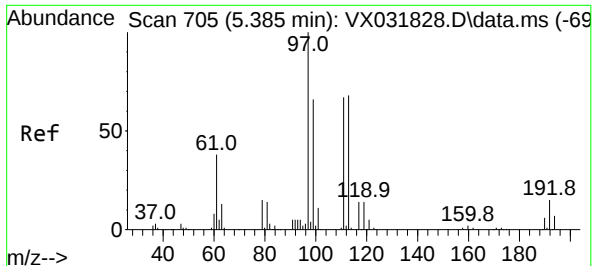
Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.6

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 9.194 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

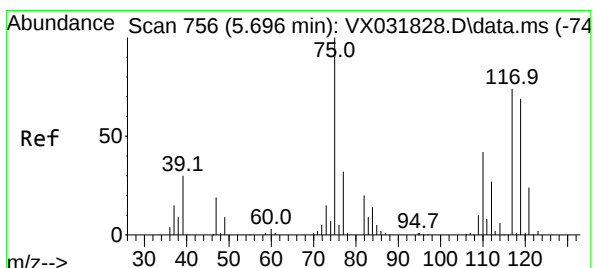
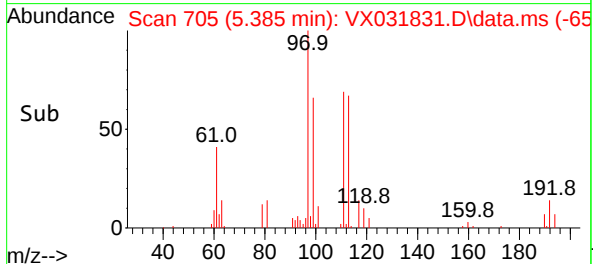
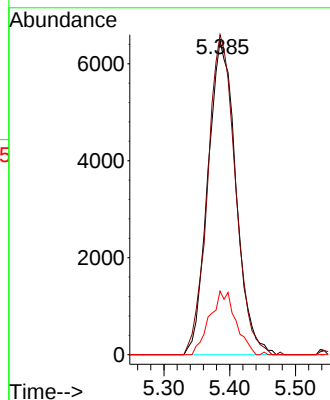
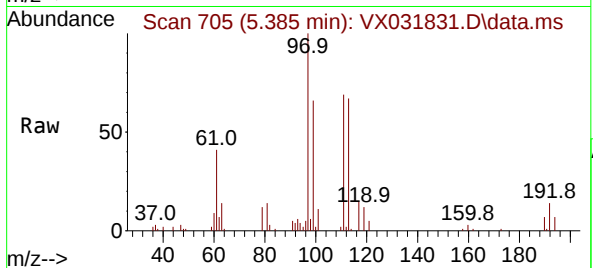
Tgt Ion:	113	Resp:	1918
Ion Ratio	Lower	Upper	
113	100		
111	100.6	82.4	123.6
192	18.8	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#36

1,1-Dichloropropene

Concen: 9.577 ug/l

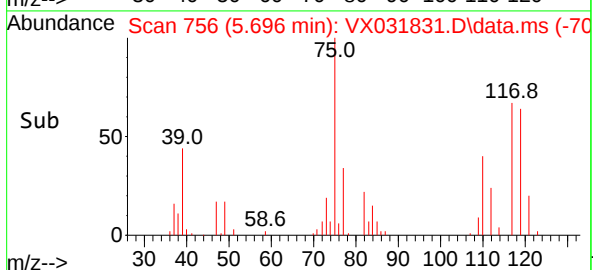
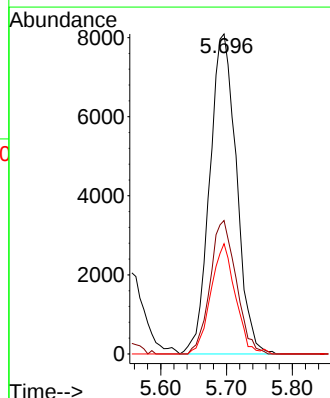
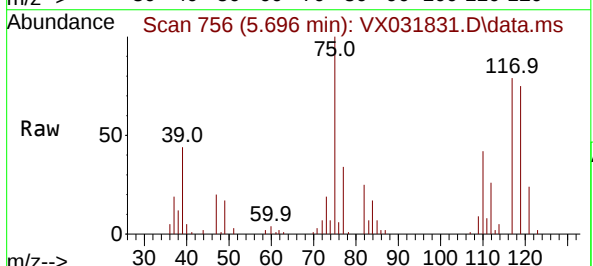
RT: 5.696 min Scan# 756

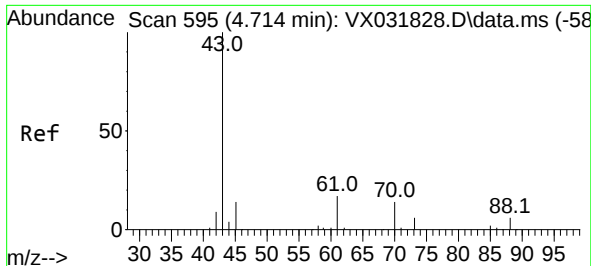
Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Tgt Ion:	75	Resp:	22879
Ion Ratio	Lower	Upper	
75	100		
110	40.8	17.5	52.5
77	31.7	24.9	37.3





#37

Ethyl Acetate

Concen: 9.451 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

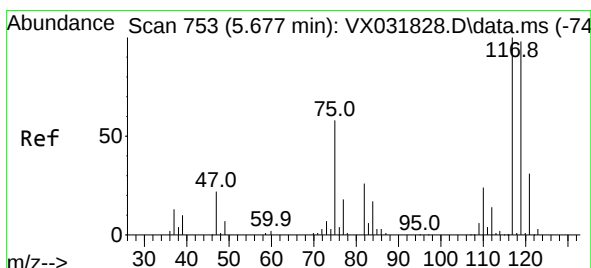
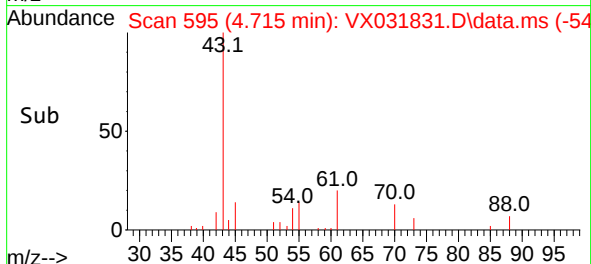
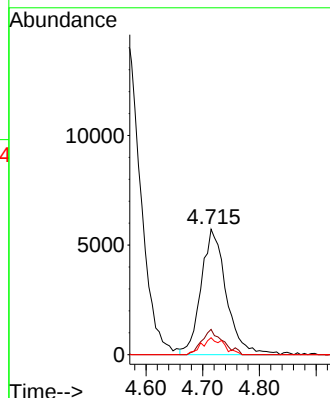
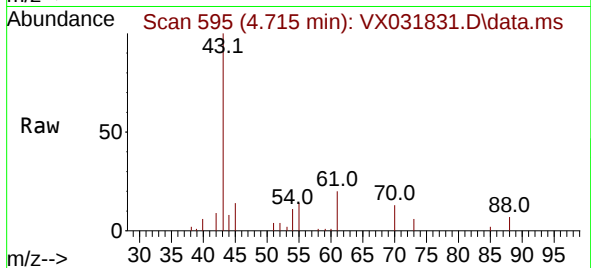
Tgt Ion: 43	Resp: 17708
Ion Ratio	Lower Upper
43 100	
61 16.7	11.1 16.7
70 11.8	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 9.255 ug/l

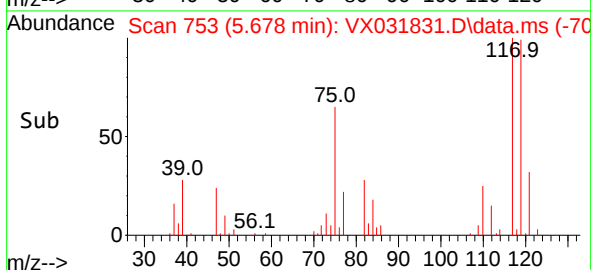
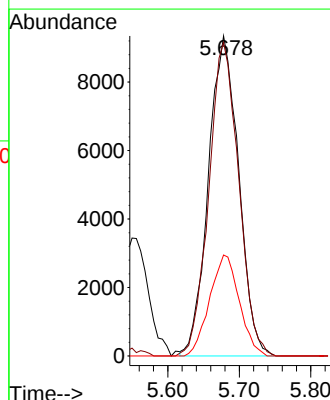
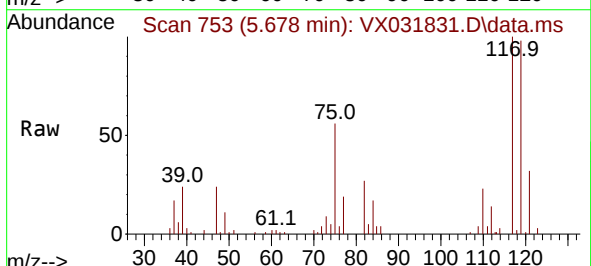
RT: 5.678 min Scan# 753

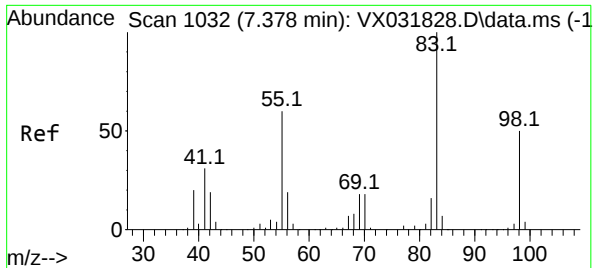
Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Tgt Ion: 117	Resp: 27464
Ion Ratio	Lower Upper
117 100	
119 97.9	74.6 112.0
121 31.6	25.3 37.9





#39

Methylcyclohexane

Concen: 9.783 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 2752

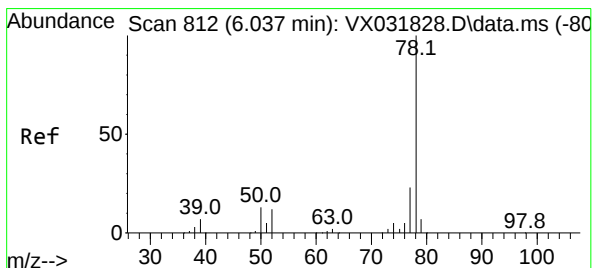
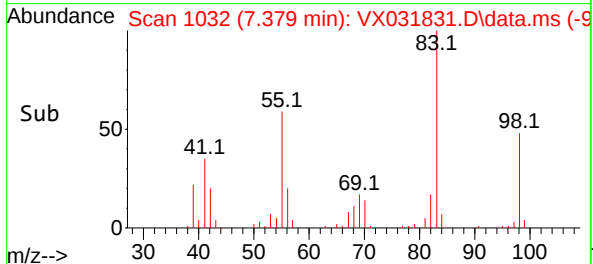
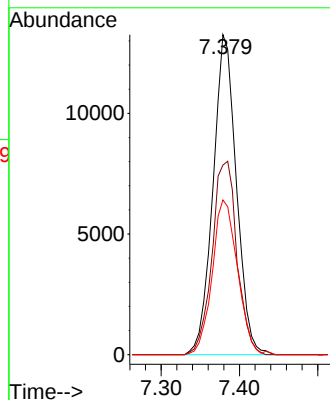
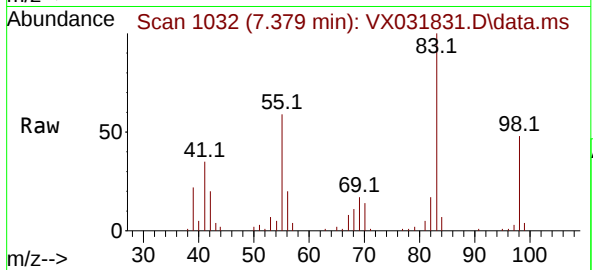
Ion	Ratio	Lower	Upper
83	100		
55	59.3	61.0	91.4
98	48.4	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 9.425 ug/l

RT: 6.044 min Scan# 813

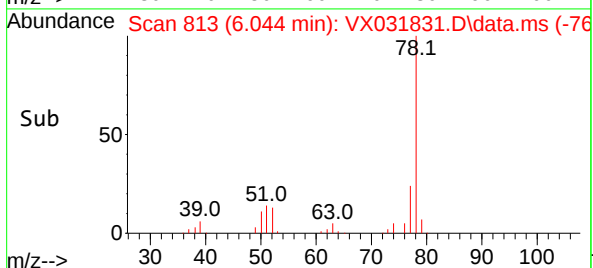
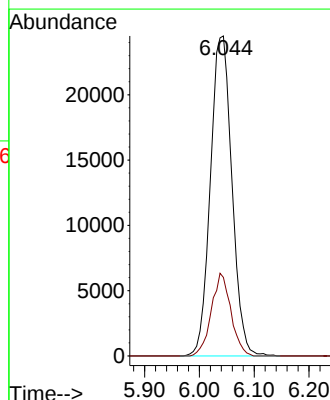
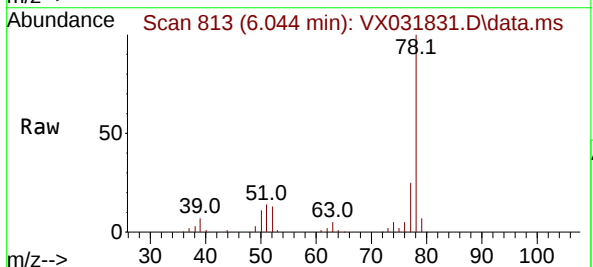
Delta R.T. 0.006 min

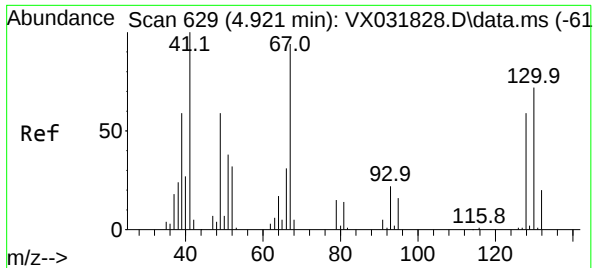
Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Tgt Ion: 78 Resp: 66749

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1





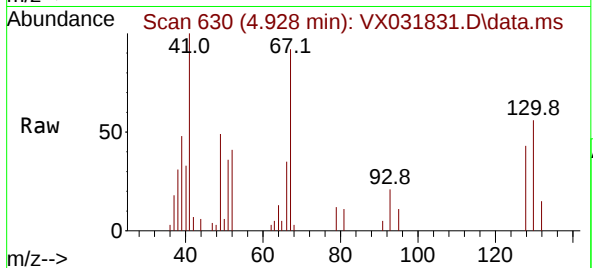
#41
Methacrylonitrile
Concen: 8.963 ug/l
RT: 4.928 min Scan# 613
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010



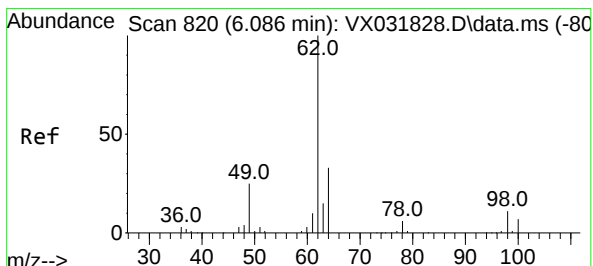
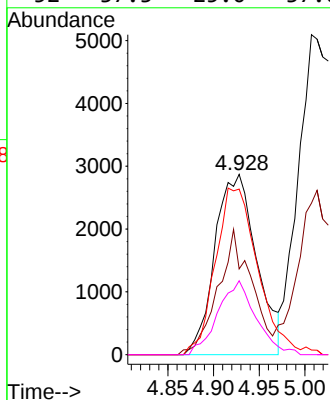
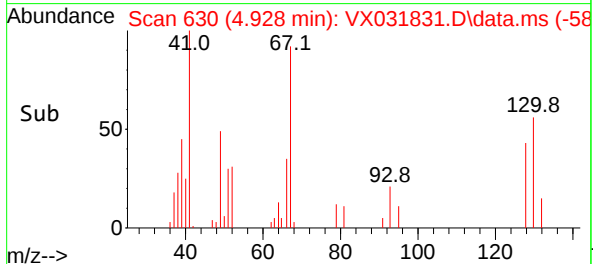
Tgt Ion: 41 Resp: 9130
Ion Ratio Lower Upper
41 100
39 56.0 45.0 67.6
67 94.6 58.2 87.4
52 37.3 25.0 37.6

Manual Integrations

APPROVED

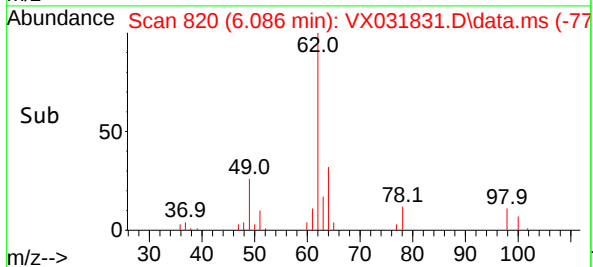
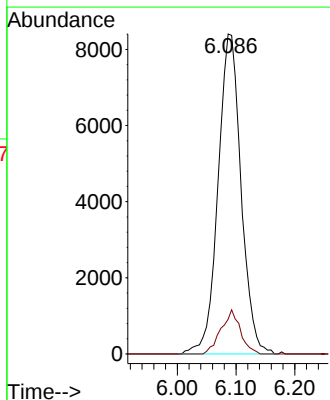
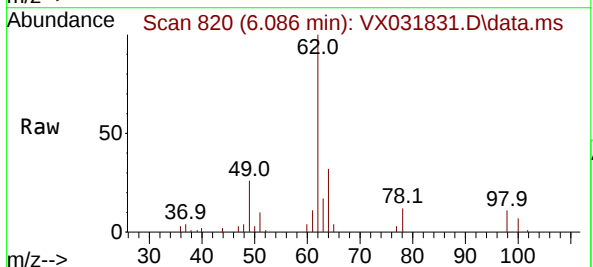
Reviewed By :John Carlone 10/04/2022

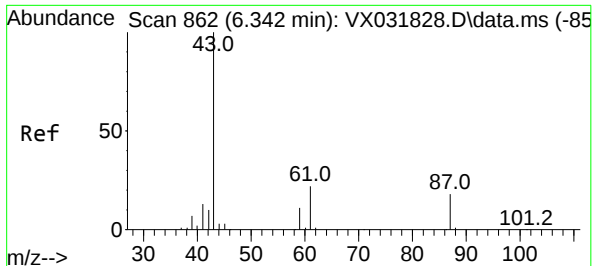
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 9.186 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

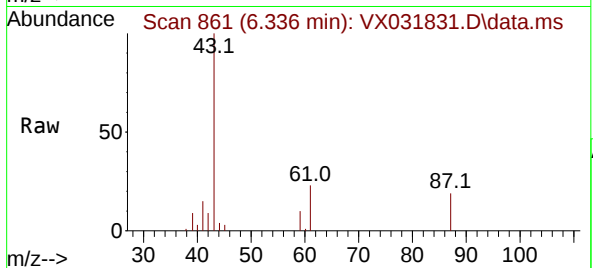
Tgt Ion: 62 Resp: 22892
Ion Ratio Lower Upper
62 100
98 11.6 0.0 17.8





#43
Isopropyl Acetate
Concen: 9.230 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

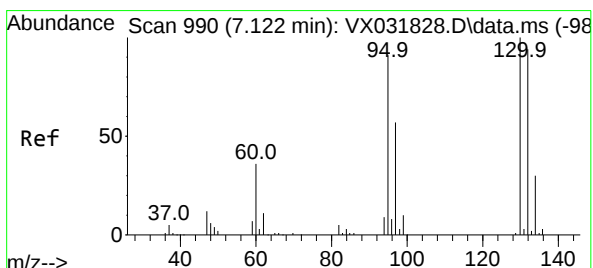
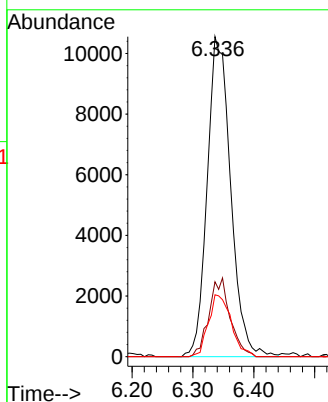
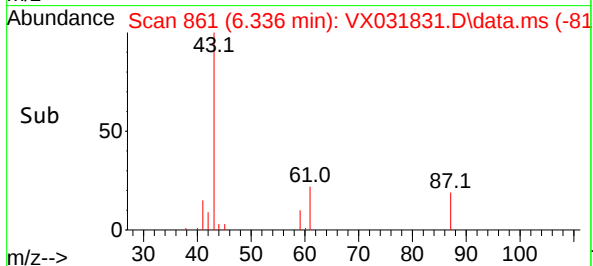
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 28214
Ion Ratio Lower Upper
43 100
61 22.3 15.3 22.9
87 18.8 10.6 15.8

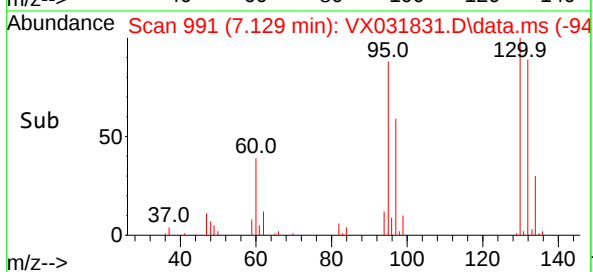
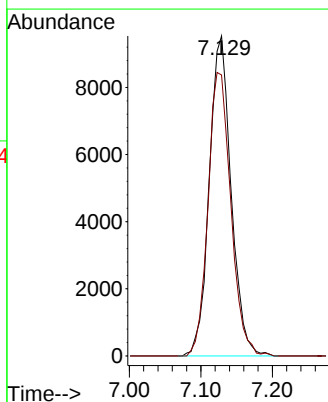
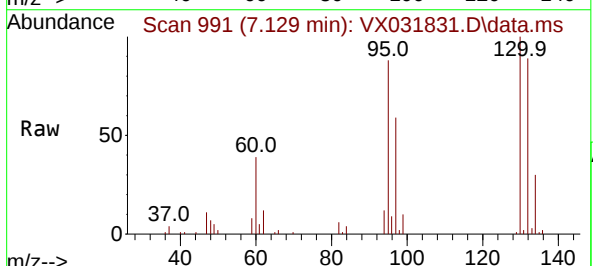
Manual Integrations
APPROVED

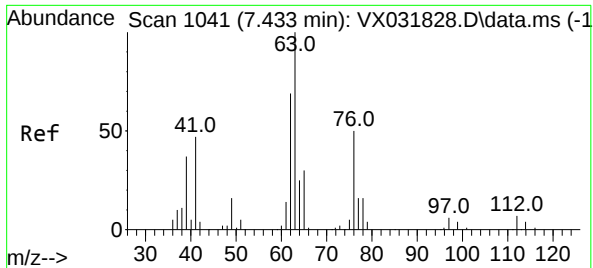
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#44
Trichloroethene
Concen: 8.885 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion:130 Resp: 20243
Ion Ratio Lower Upper
130 100
95 87.8 0.0 206.8





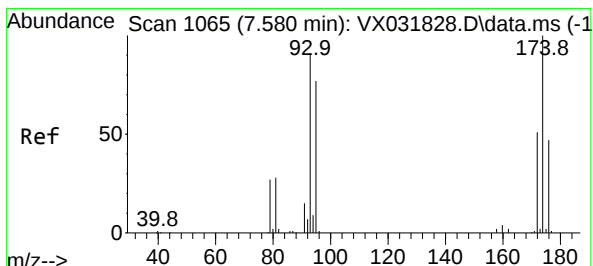
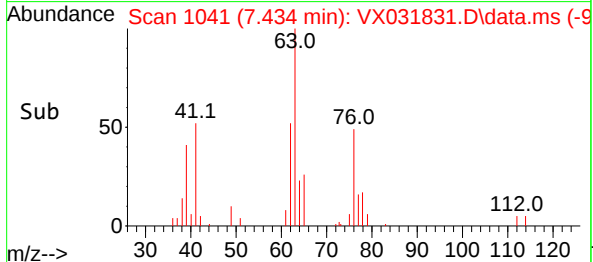
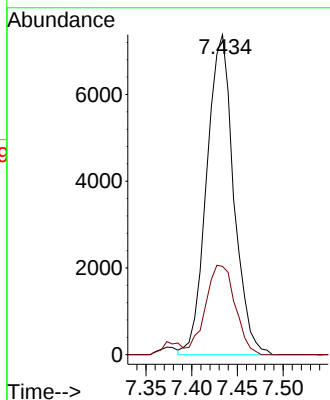
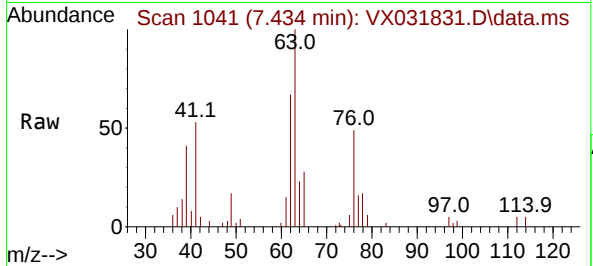
#45
1,2-Dichloropropane
Concen: 9.092 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 1515
Ion Ratio Lower Upper
63 100
65 27.6 26.6 39.8

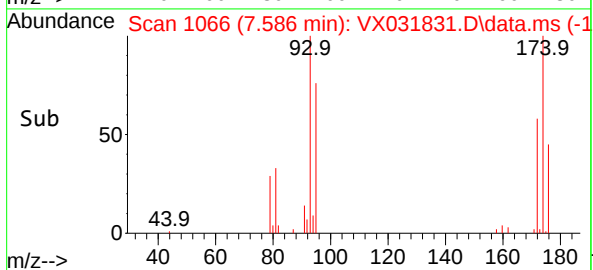
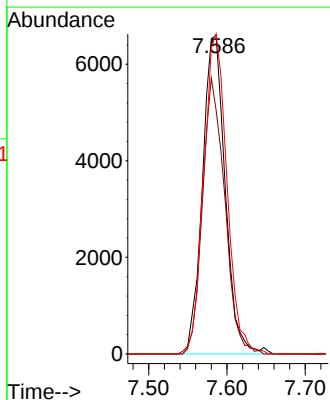
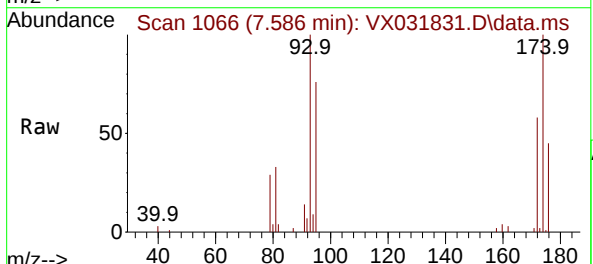
Manual Integrations
APPROVED

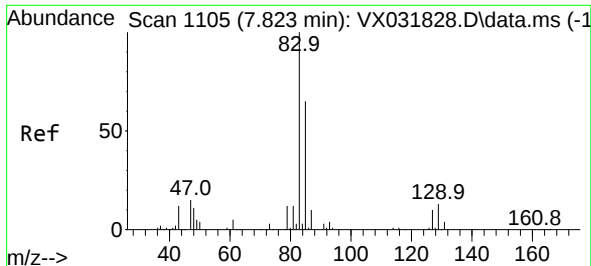
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#46
Dibromomethane
Concen: 9.423 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 93 Resp: 13291
Ion Ratio Lower Upper
93 100
95 84.7 65.5 98.3
174 102.6 67.6 101.4#





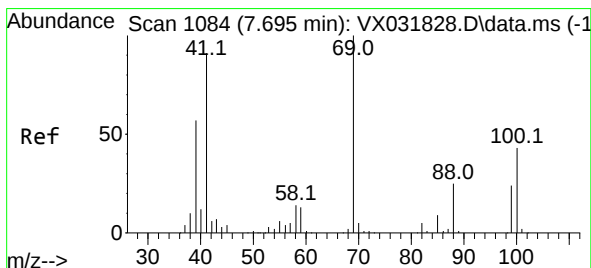
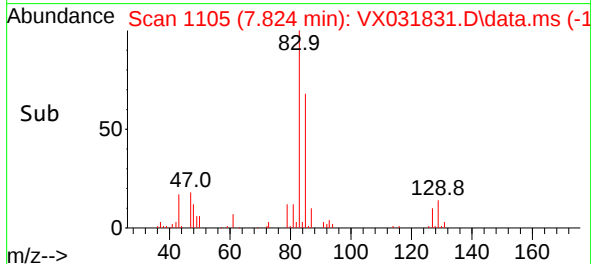
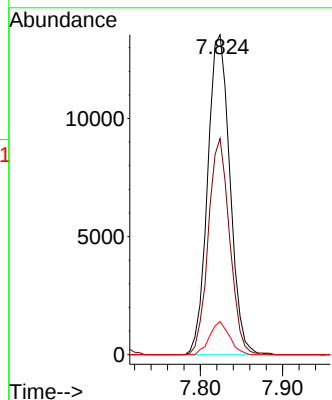
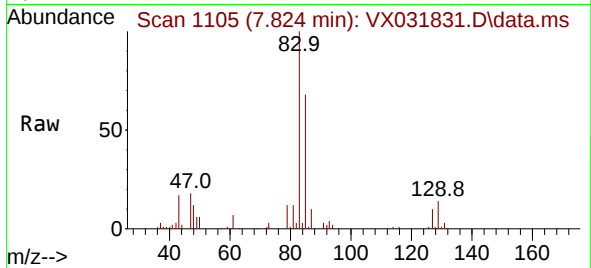
#47
Bromodichloromethane
Concen: 9.126 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 25514
Ion Ratio Lower Upper
83 100
85 67.6 51.0 76.6
127 10.4 7.0 10.6

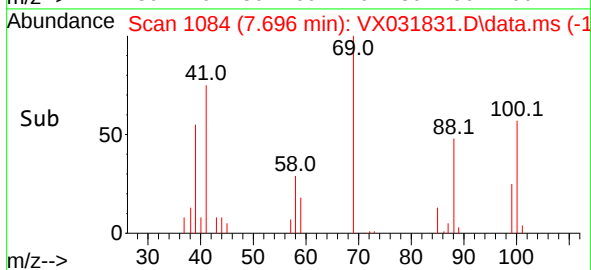
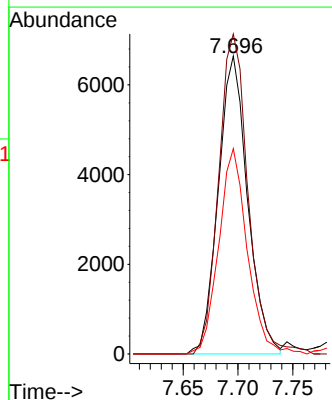
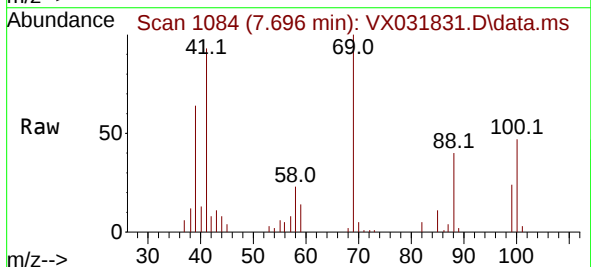
Manual Integrations
APPROVED

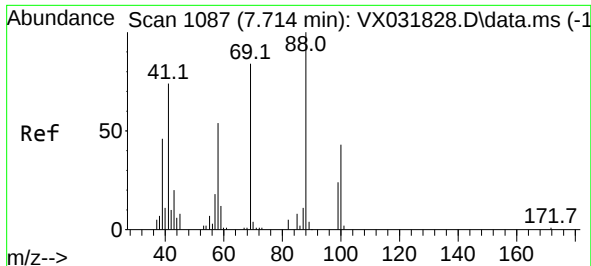
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 9.028 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 41 Resp: 12356
Ion Ratio Lower Upper
41 100
69 107.8 64.6 96.8#
39 67.2 51.4 77.0





#49

1,4-Dioxane

Concen: 206.053 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

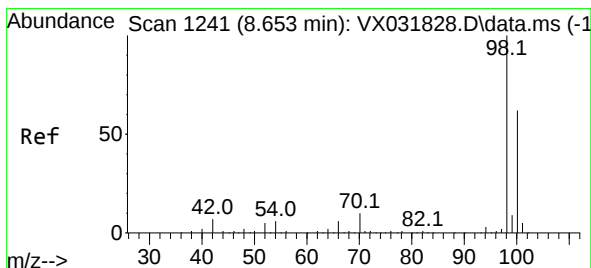
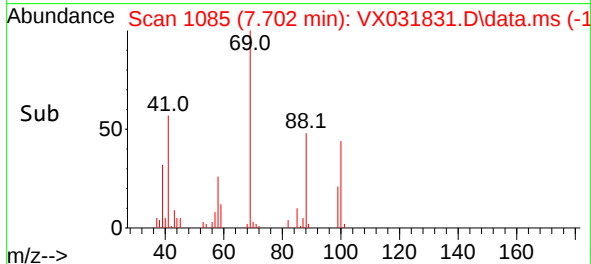
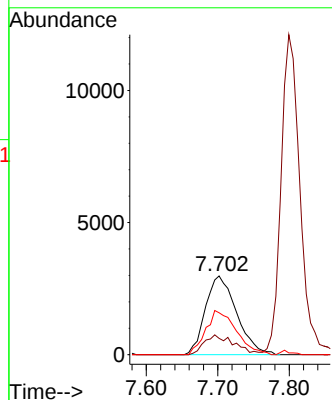
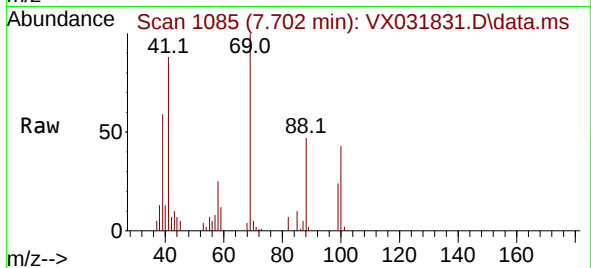
Tgt Ion: 88 Resp: 902
 Ion Ratio Lower Upper
 88 100
 43 24.2 27.1 40.7
 58 55.0 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 9.155 ug/l

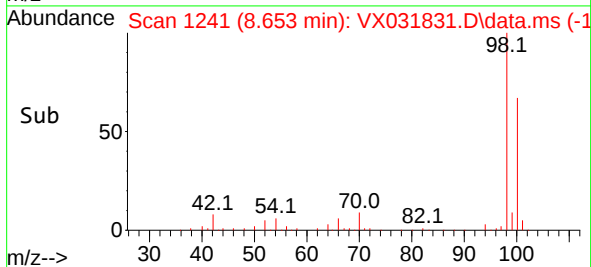
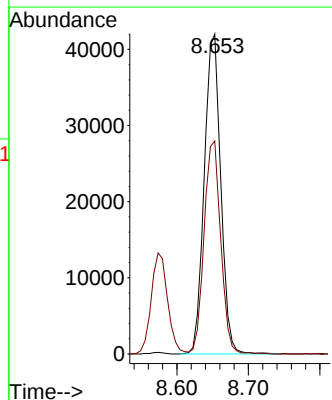
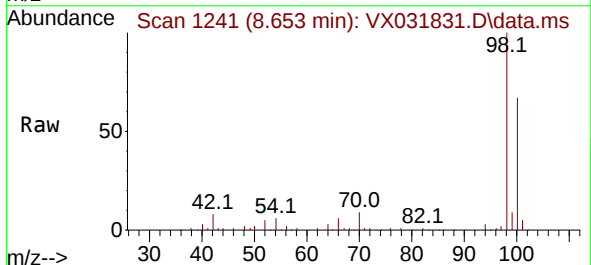
RT: 8.653 min Scan# 1241

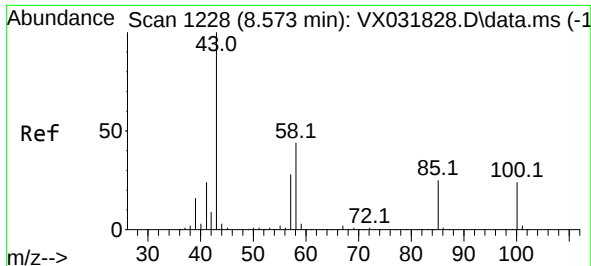
Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Tgt Ion: 98 Resp: 67272
 Ion Ratio Lower Upper
 98 100
 100 67.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 48.504 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

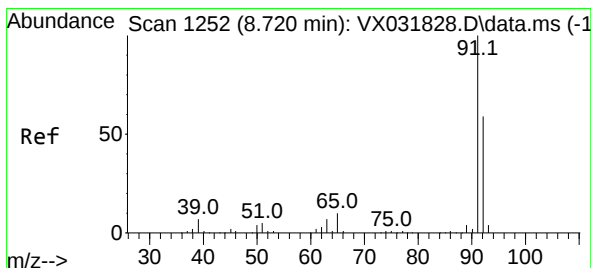
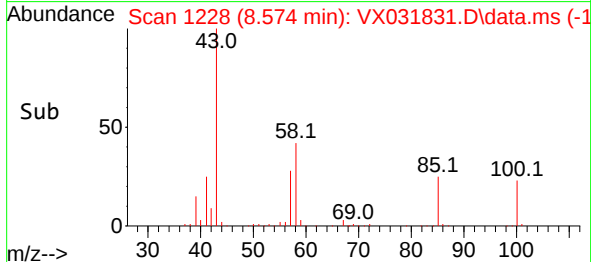
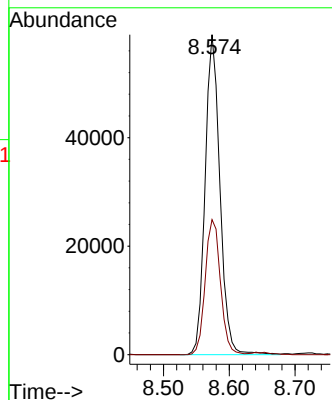
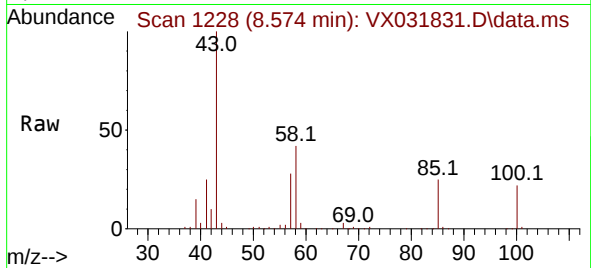
VSTDIC010

Tgt Ion: 43 Resp: 9243
Ion Ratio Lower Upper
43 100
58 43.5 30.6 46.0

Manual Integrations

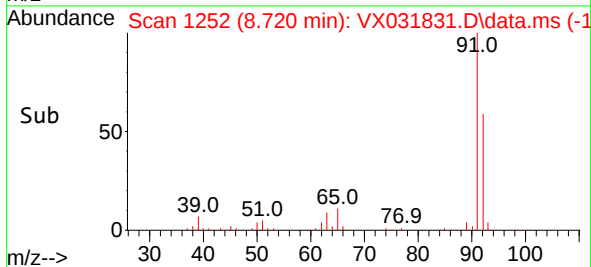
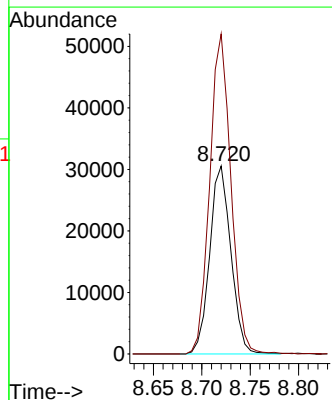
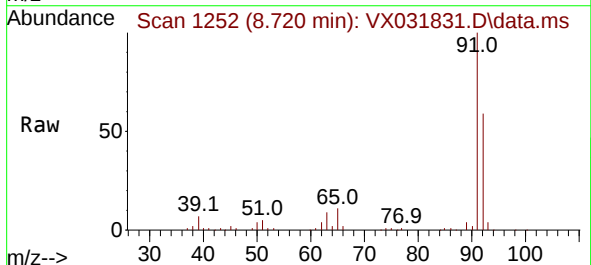
APPROVED

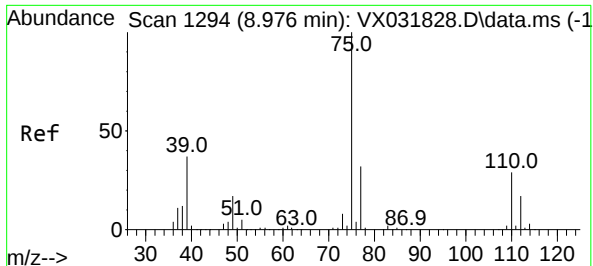
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 9.408 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 92 Resp: 46593
Ion Ratio Lower Upper
92 100
91 170.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 8.942 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 75 Resp: 2403

Ion Ratio Lower Upper

75 100

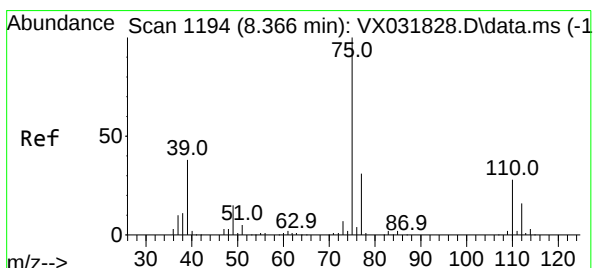
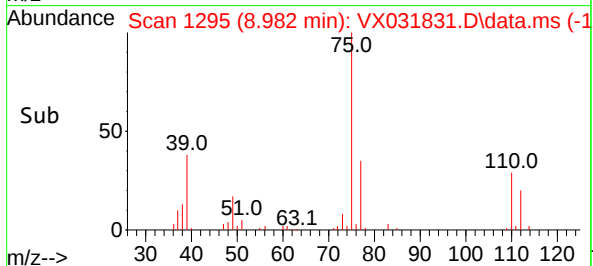
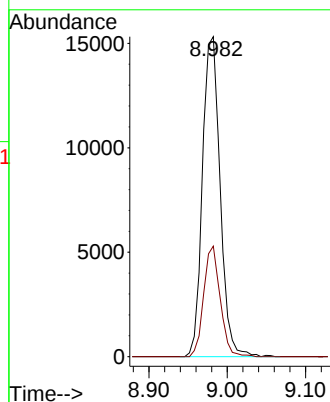
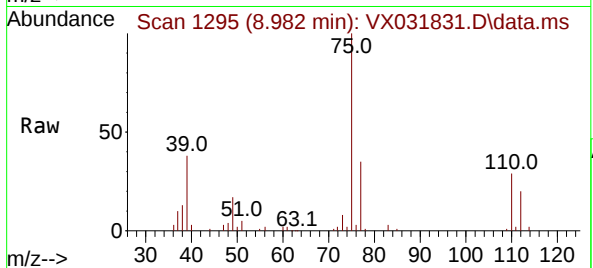
77 34.6 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 9.095 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

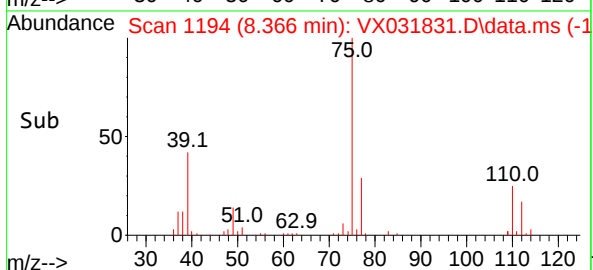
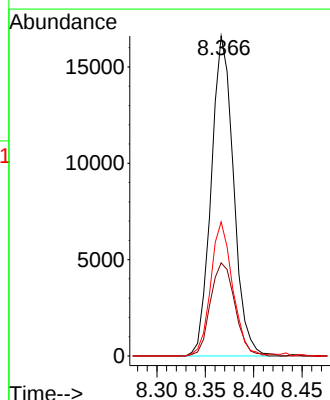
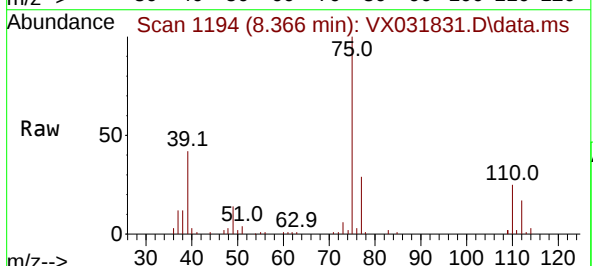
Tgt Ion: 75 Resp: 26746

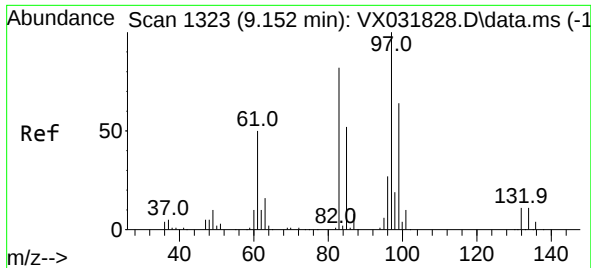
Ion Ratio Lower Upper

75 100

77 29.1 24.4 36.6

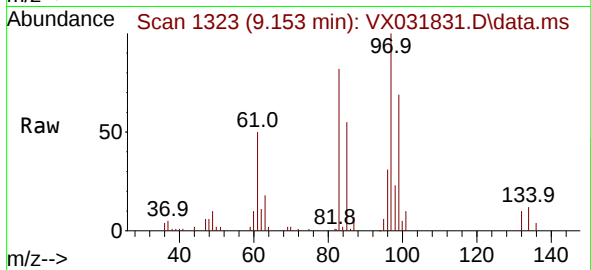
39 41.9 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 9.170 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

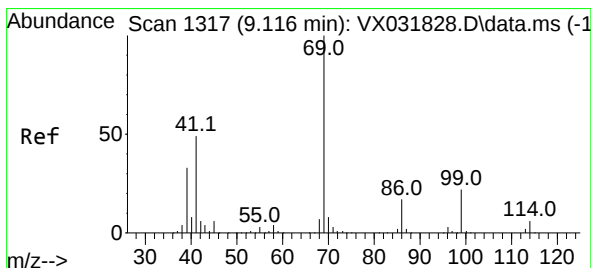
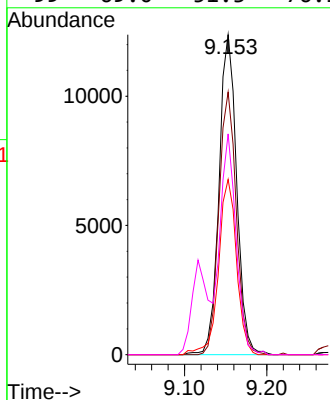
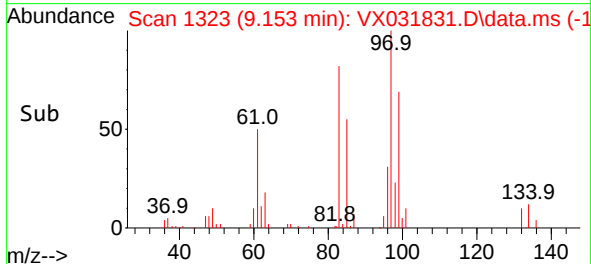
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.0	103.6
85	54.7	44.1	66.1
99	69.0	51.3	76.9

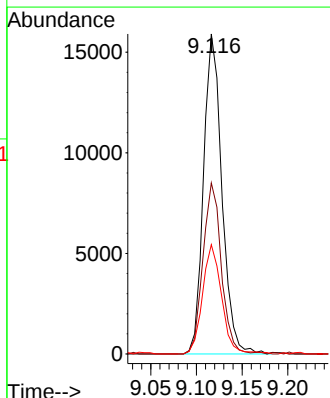
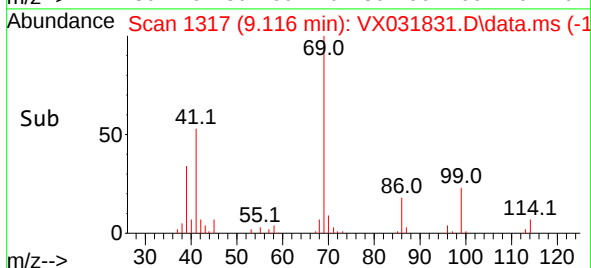
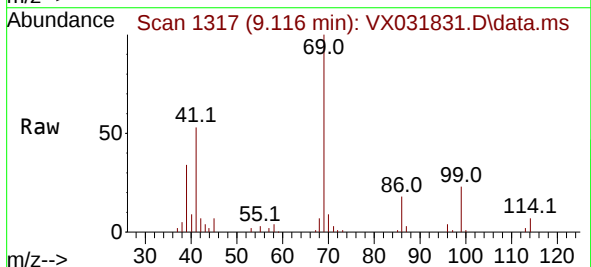
Manual Integrations
APPROVED

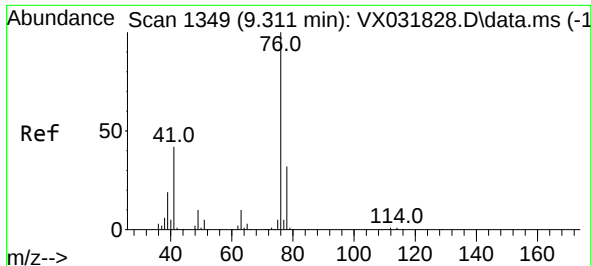
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#56
Ethyl methacrylate
Concen: 9.398 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.4	54.2	81.4#
39	35.5	34.2	51.2





#57

1,3-Dichloropropane

Concen: 9.355 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 2904

Ion Ratio Lower Upper

76 100

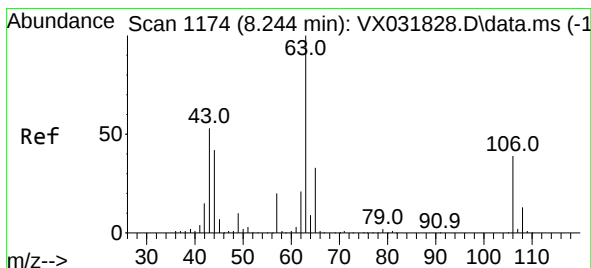
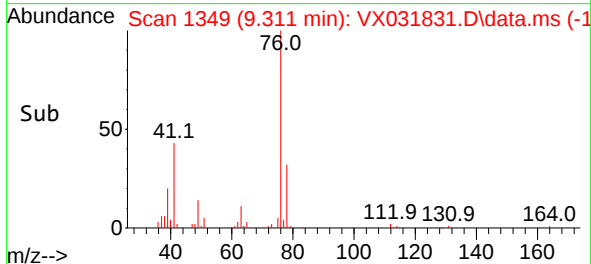
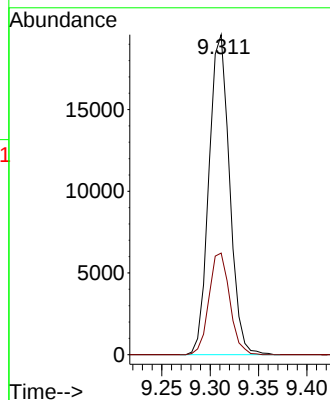
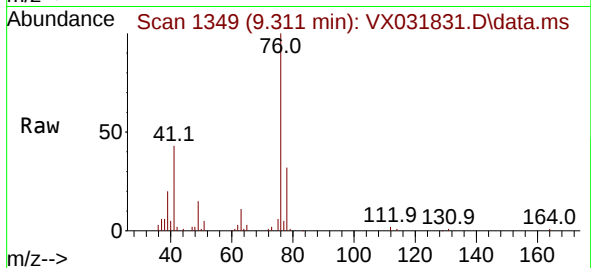
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 40.773 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031831.D

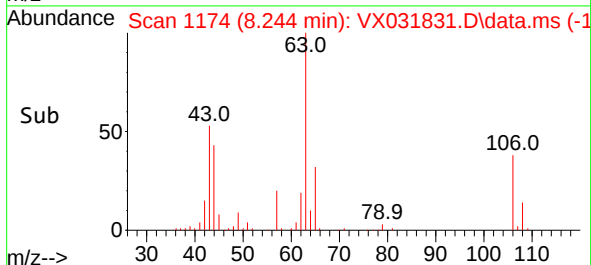
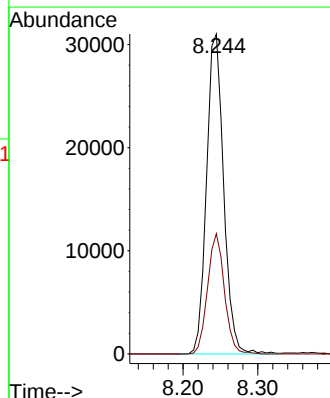
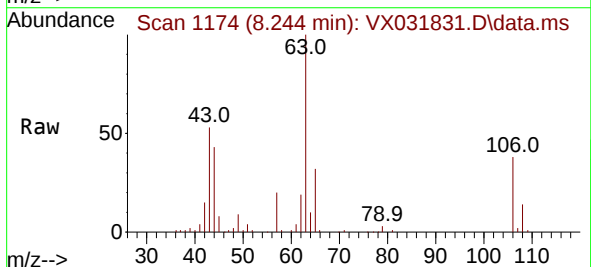
Acq: 03 Oct 2022 12:32

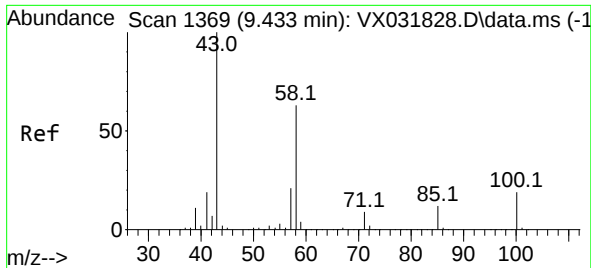
Tgt Ion: 63 Resp: 49340

Ion Ratio Lower Upper

63 100

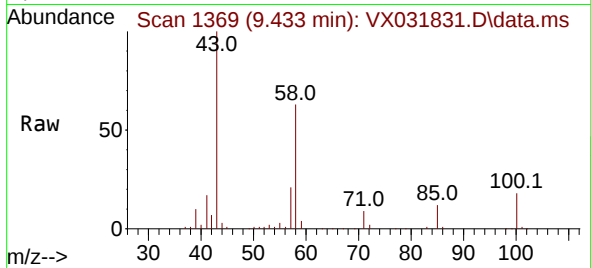
106 37.0 22.6 34.0#





#59
2-Hexanone
Concen: 49.526 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

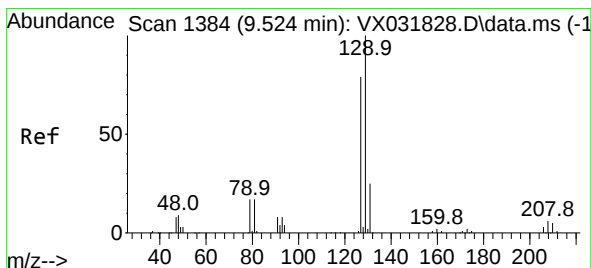
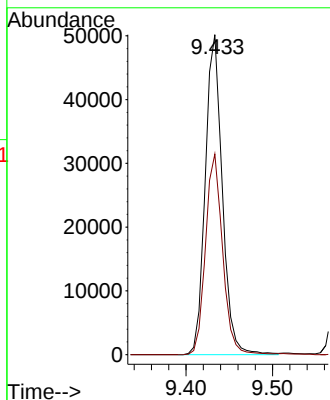
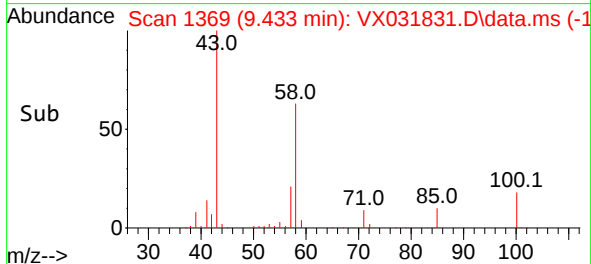
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 68652
Ion Ratio Lower Upper
43 100
58 62.8 26.7 80.0

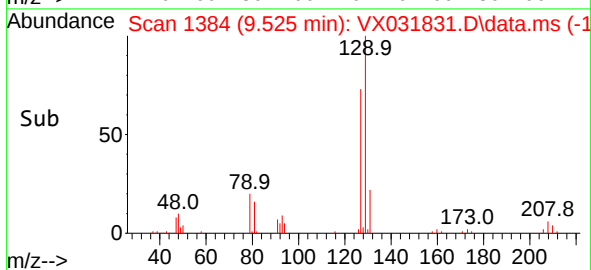
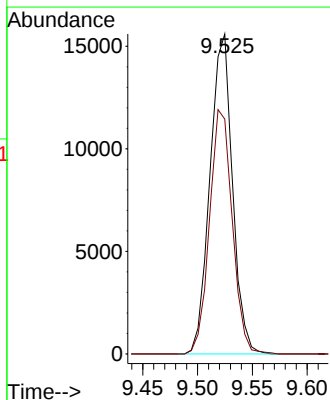
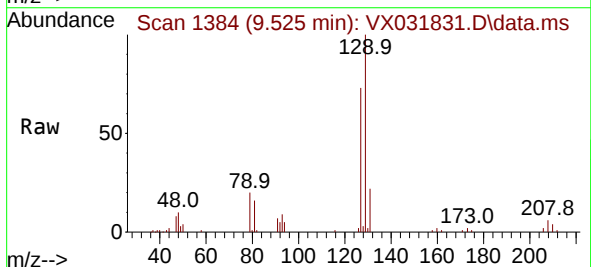
Manual Integrations
APPROVED

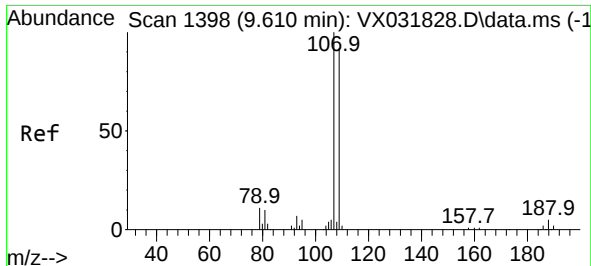
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 9.021 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

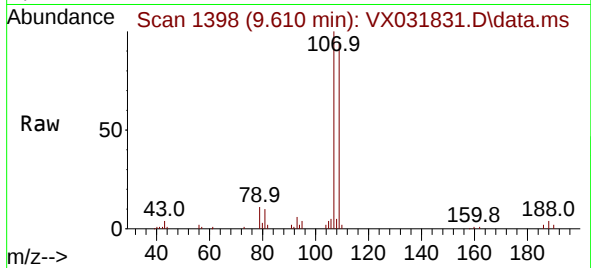
Tgt Ion:129 Resp: 22262
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 9.139 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

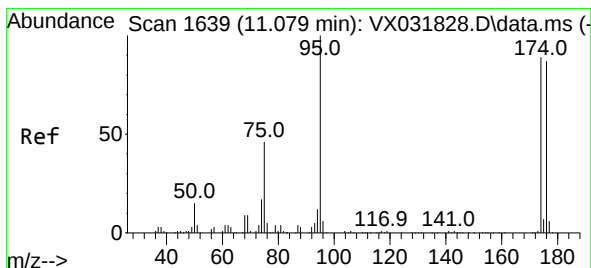
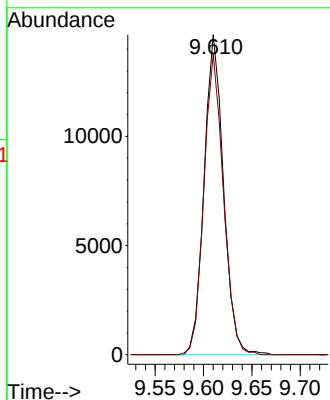
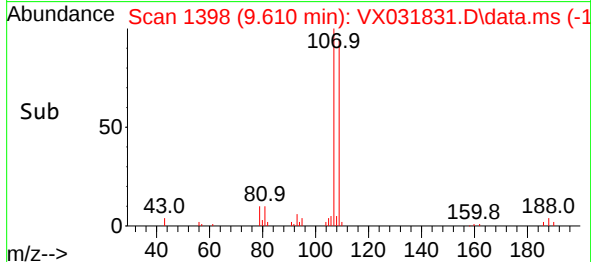
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



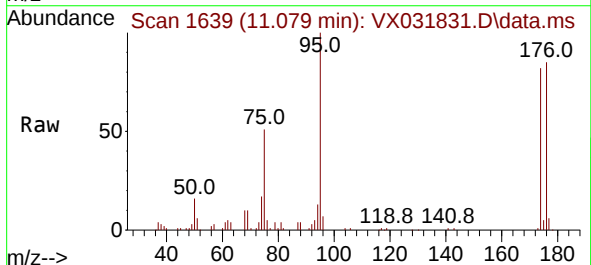
Tgt Ion:107 Resp: 2045
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4

Manual Integrations
APPROVED

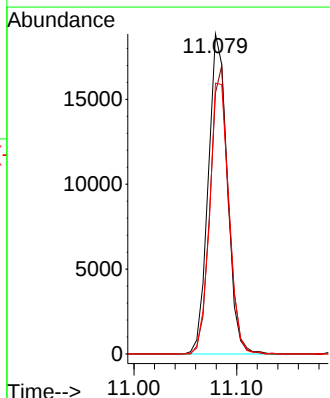
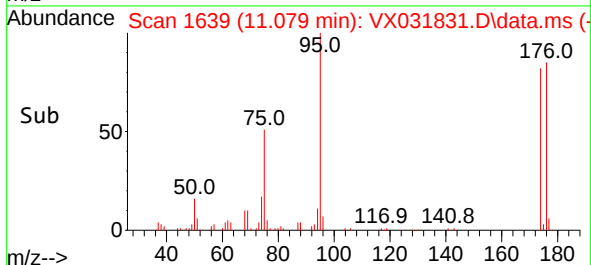
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

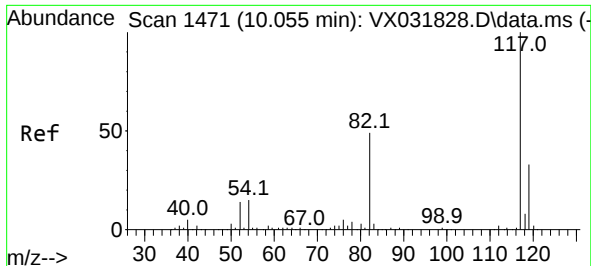


#62
4-Bromofluorobenzene
Concen: 9.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32



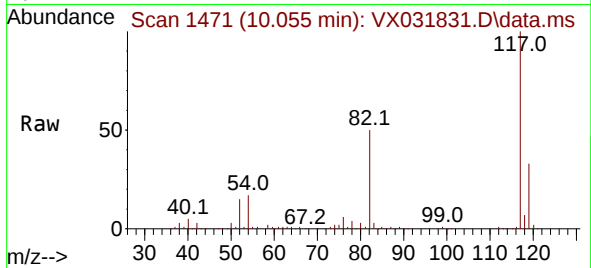
Tgt Ion: 95 Resp: 24222
Ion Ratio Lower Upper
95 100
174 86.3 0.0 153.2
176 86.1 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

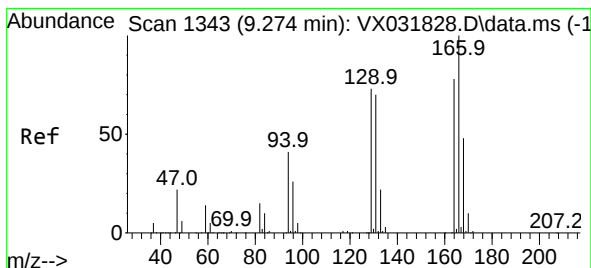
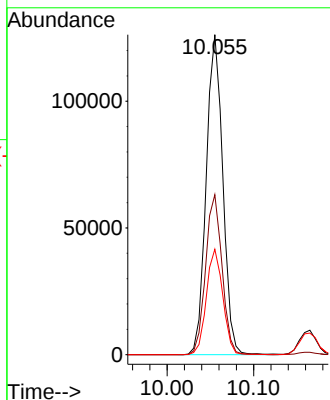
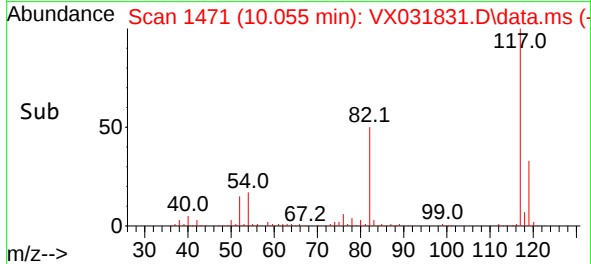
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 16804
Ion Ratio Lower Upper
117 100
82 50.0 46.8 70.2
119 32.9 26.4 39.6

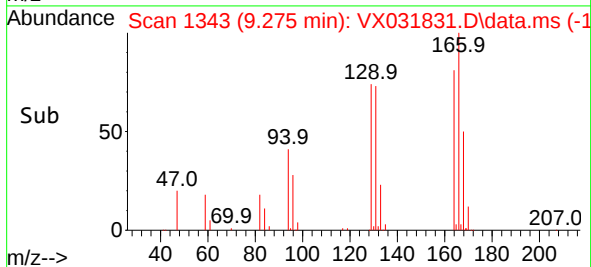
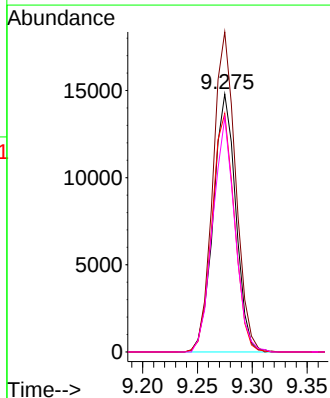
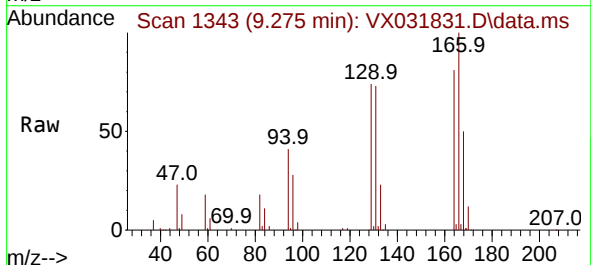
Manual Integrations
APPROVED

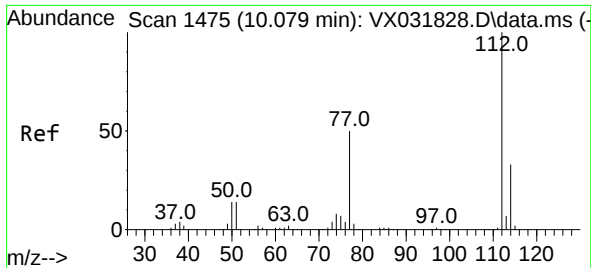
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 9.097 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion:164 Resp: 21114
Ion Ratio Lower Upper
164 100
166 124.1 99.0 148.4
129 92.4 78.0 117.0
131 90.9 74.2 111.2





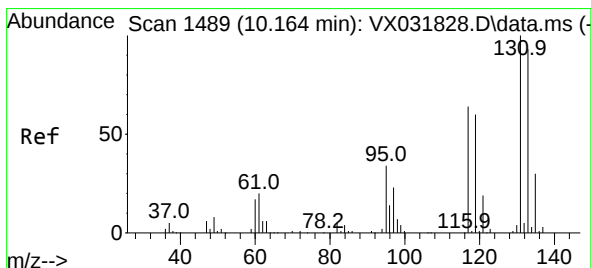
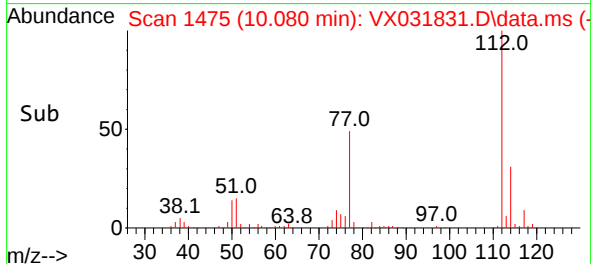
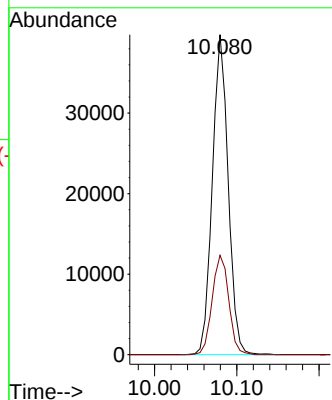
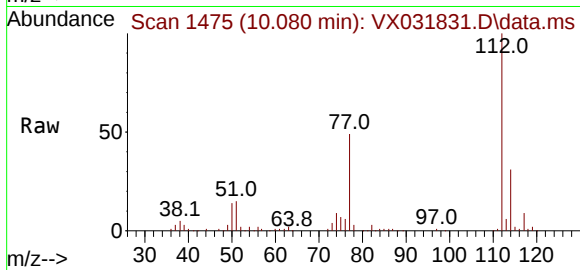
#65
Chlorobenzene
Concen: 9.337 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 5312
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

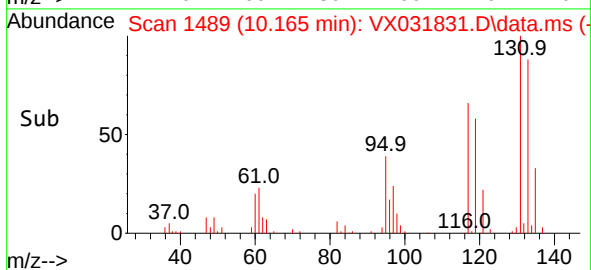
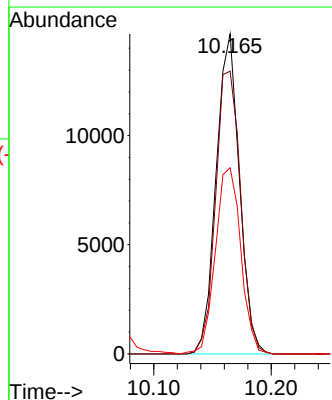
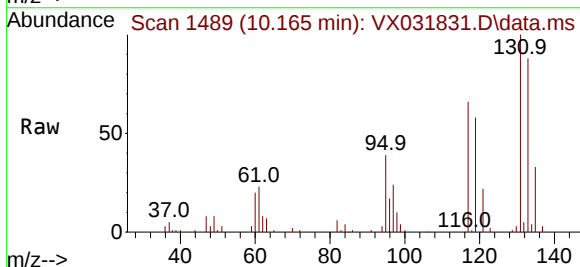
Manual Integrations
APPROVED

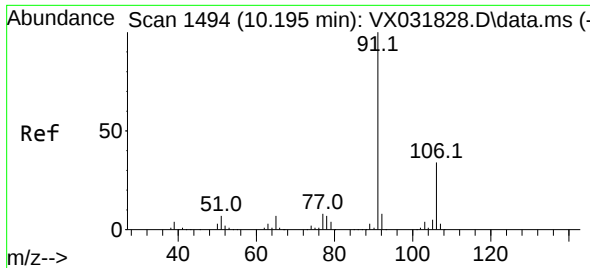
Reviewed By :John Carbone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.123 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion:131 Resp: 20179
Ion Ratio Lower Upper
131 100
133 94.9 46.6 139.7
119 63.5 31.9 95.9





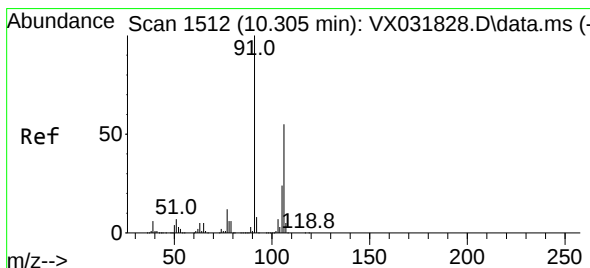
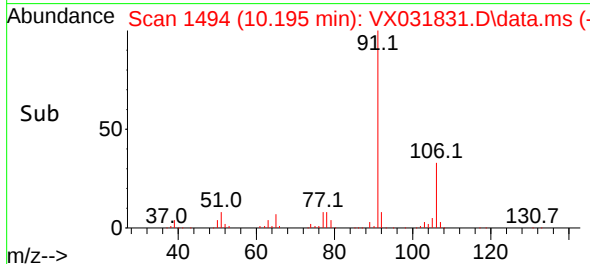
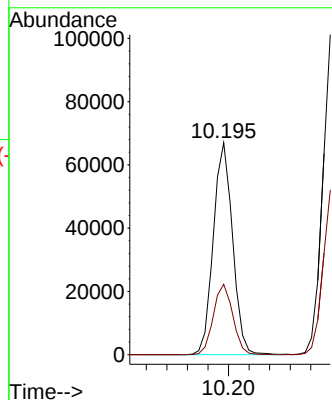
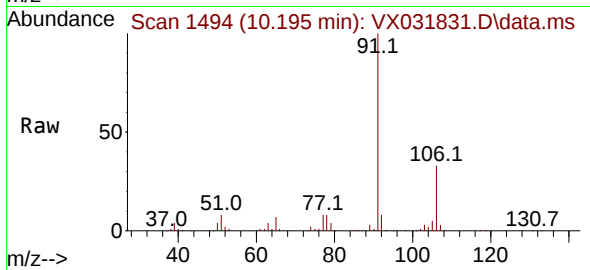
#67
Ethyl Benzene
Concen: 9.425 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 87052
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8

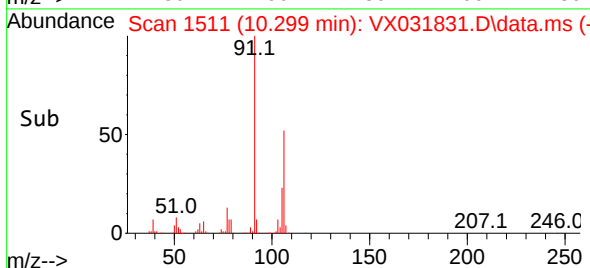
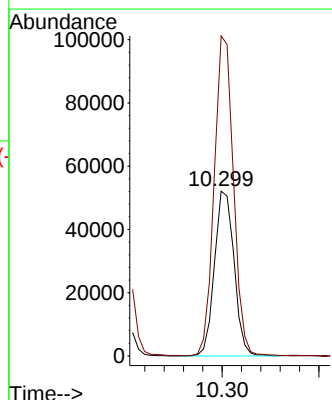
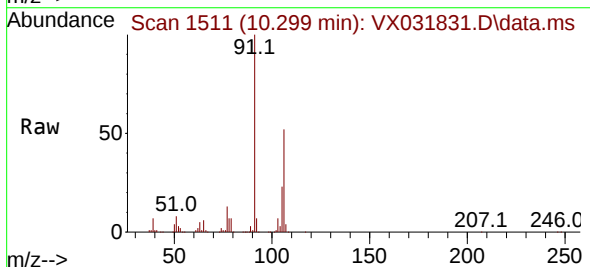
Manual Integrations
APPROVED

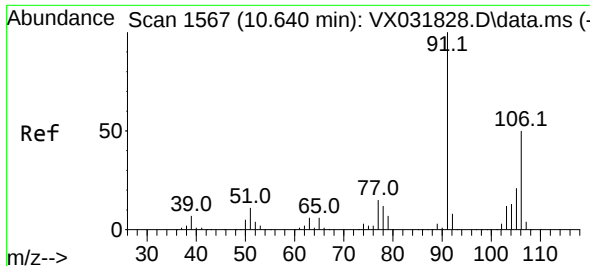
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#68
m/p-Xylenes
Concen: 19.151 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion:106 Resp: 73312
Ion Ratio Lower Upper
106 100
91 190.8 161.0 241.4





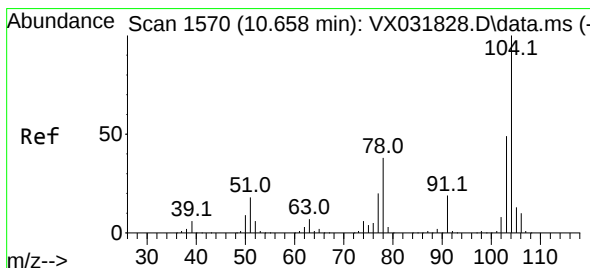
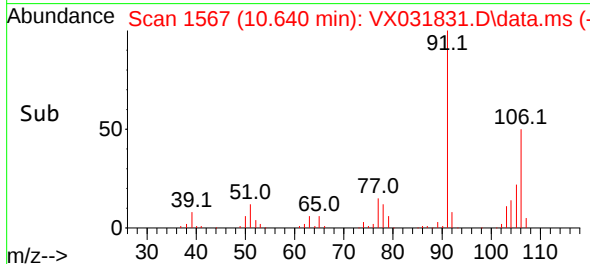
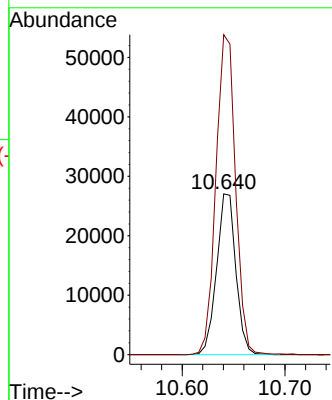
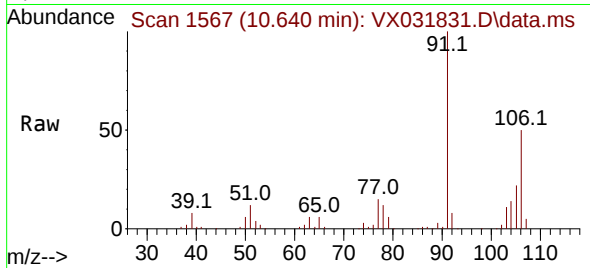
#69
o-Xylene
Concen: 9.473 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 3515
Ion Ratio Lower Upper
106 100
91 203.3 107.2 321.6

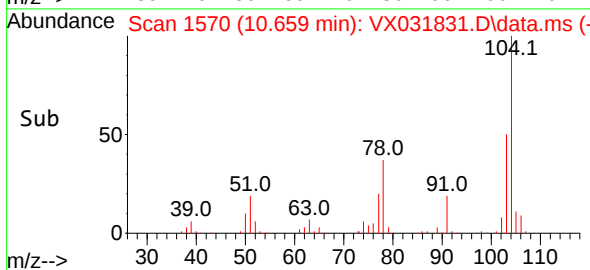
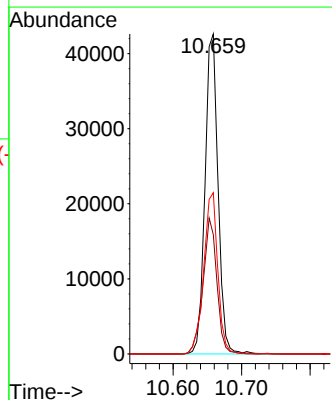
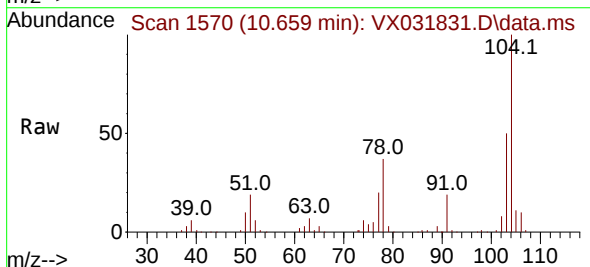
Manual Integrations
APPROVED

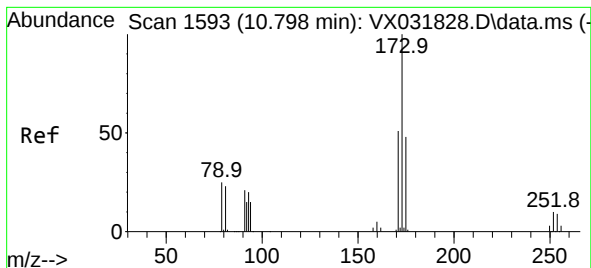
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 9.281 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion:104 Resp: 56488
Ion Ratio Lower Upper
104 100
78 45.3 41.4 62.2
103 54.4 43.8 65.8





#71

Bromoform

Concen: 8.391 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

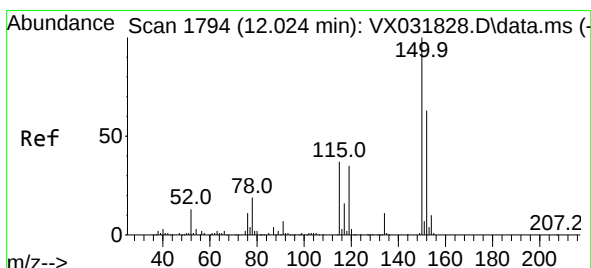
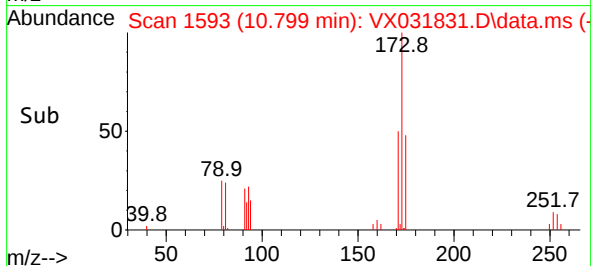
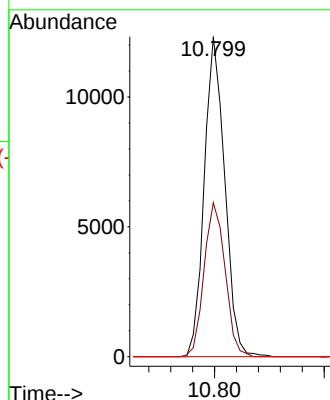
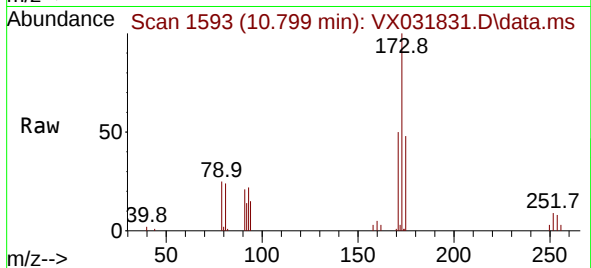
Tgt Ion:	173	Resp:	1596
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

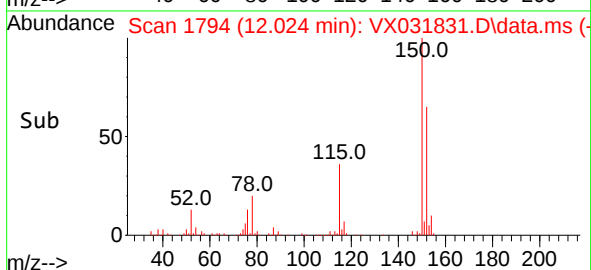
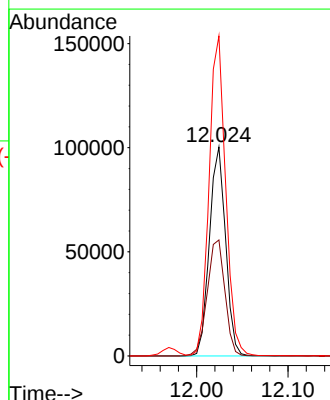
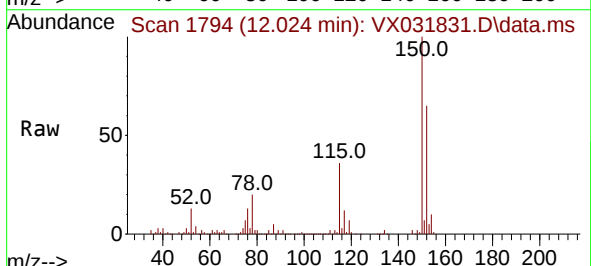
RT: 12.024 min Scan# 1794

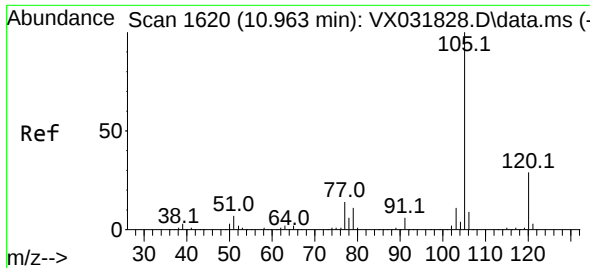
Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Tgt Ion:	152	Resp:	123303
Ion Ratio	Lower	Upper	
152	100		
115	60.7	43.4	130.1
150	156.3	0.0	346.8





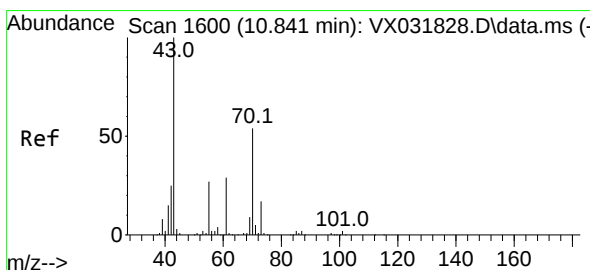
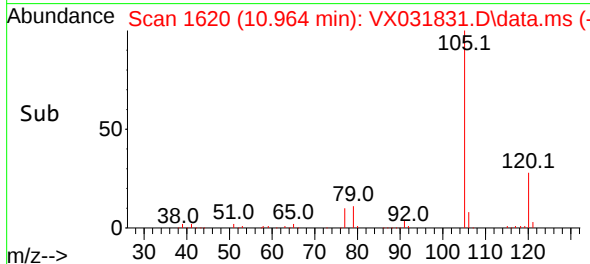
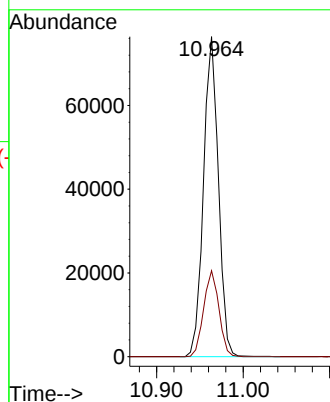
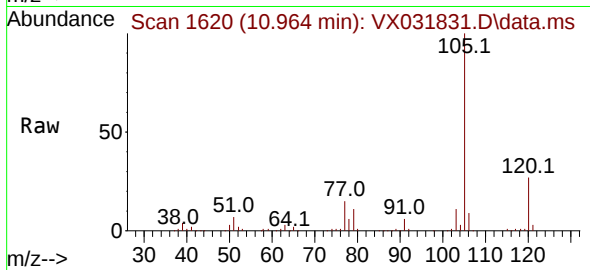
#73
Isopropylbenzene
Concen: 9.551 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 91184
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0

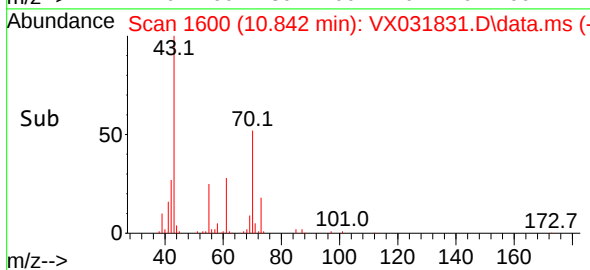
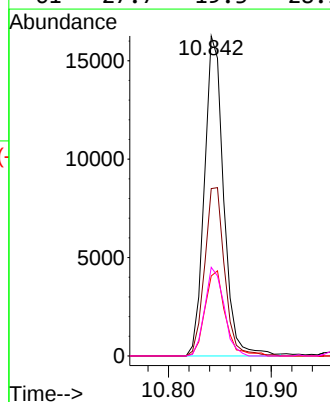
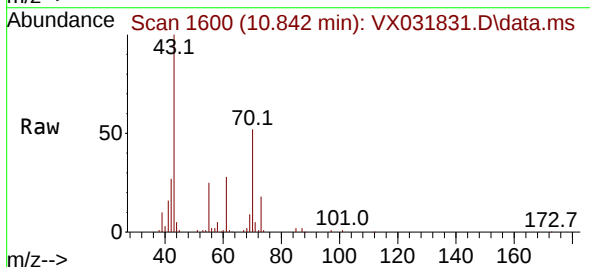
Manual Integrations
APPROVED

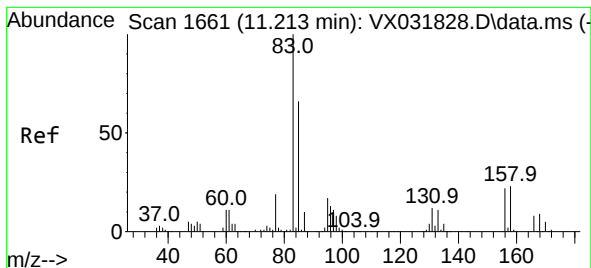
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#74
N-ethyl acetate
Concen: 9.022 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Tgt Ion: 43 Resp: 21168
Ion Ratio Lower Upper
43 100
70 54.7 33.4 50.2#
55 27.9 18.2 27.2#
61 27.7 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 9.460 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

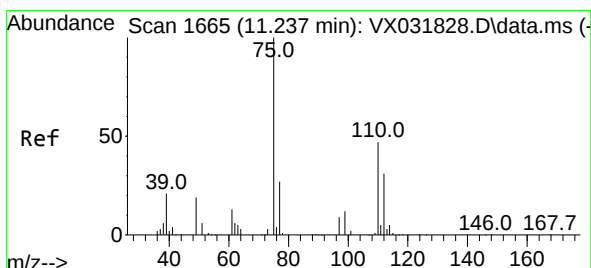
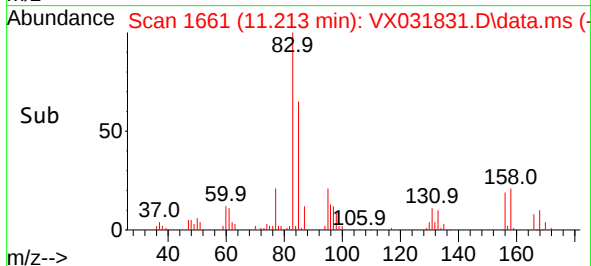
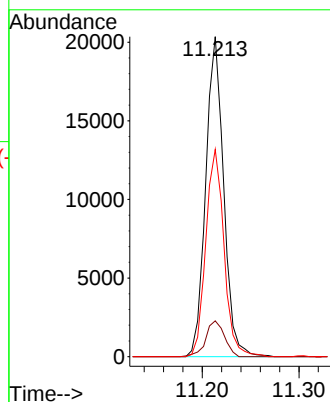
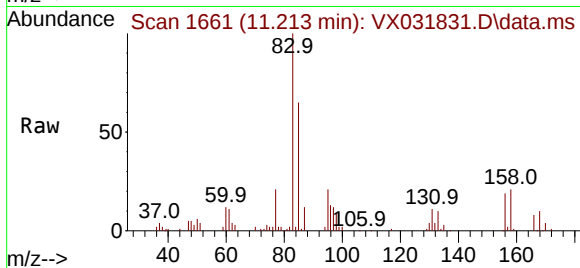
Tgt Ion: 83	Resp: 2632
Ion Ratio	Lower Upper
83 100	
131 11.6	5.1 15.4
85 65.7	32.6 97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#76

1,2,3-Trichloropropane

Concen: 9.963 ug/l m

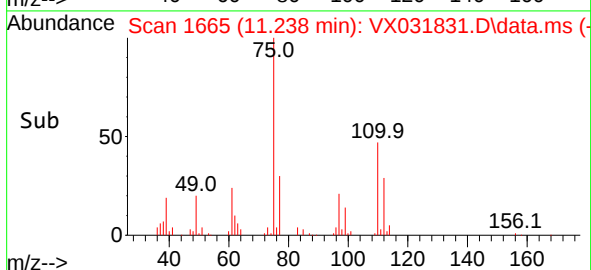
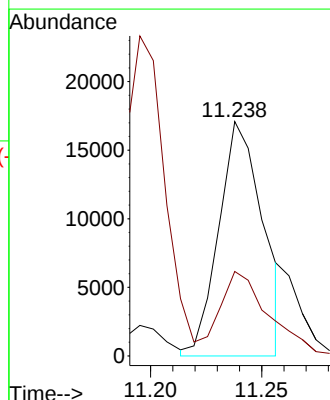
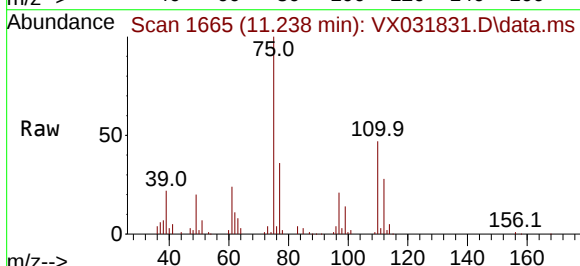
RT: 11.238 min Scan# 1665

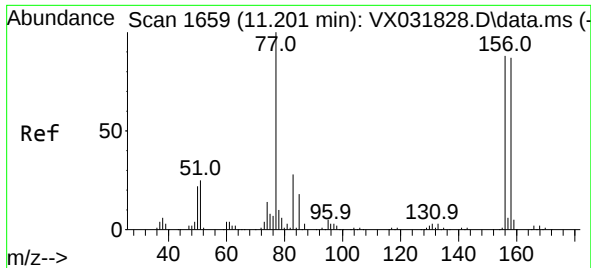
Delta R.T. -0.006 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

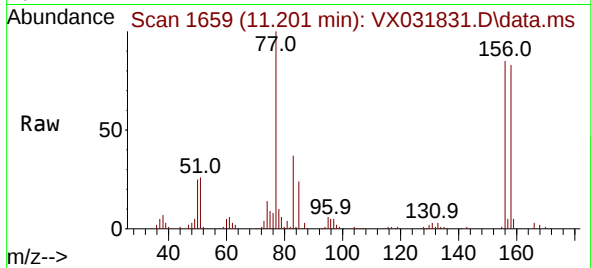
Tgt Ion: 75	Resp: 23532
Ion Ratio	Lower Upper
75 100	
77 40.7	20.3 60.9





#77
Bromobenzene
Concen: 9.032 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

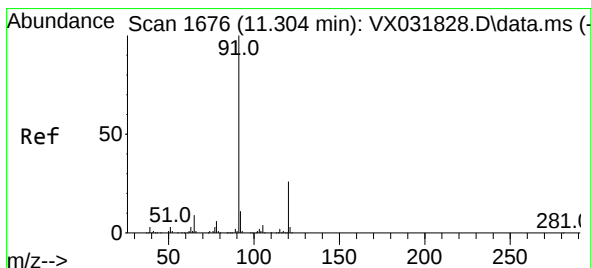
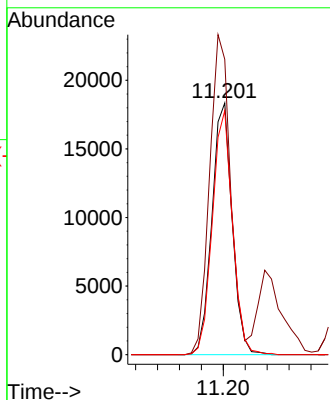
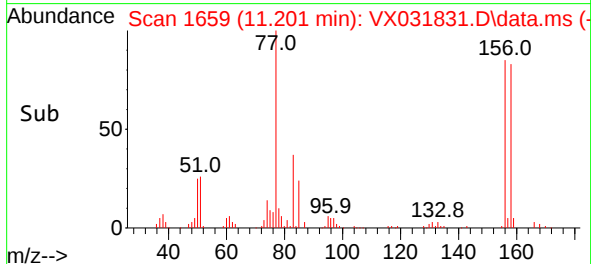
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



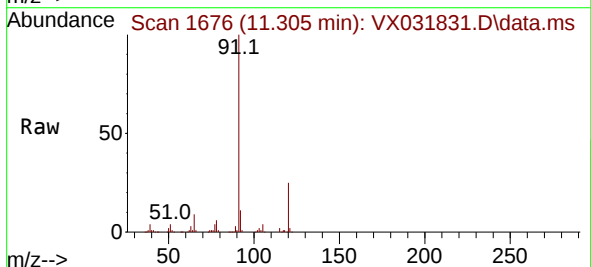
Tgt Ion:156 Resp: 23574
Ion Ratio Lower Upper
156 100
77 130.6 79.5 238.6
158 96.7 48.4 145.3

Manual Integrations
APPROVED

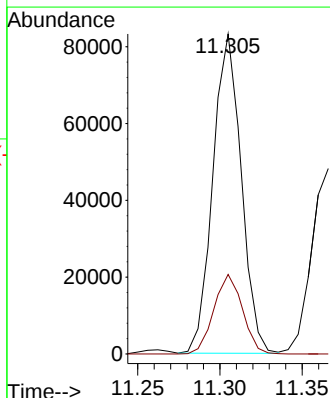
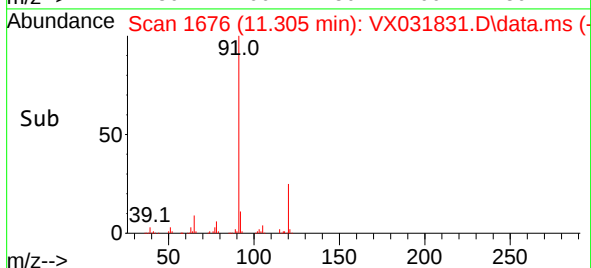
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

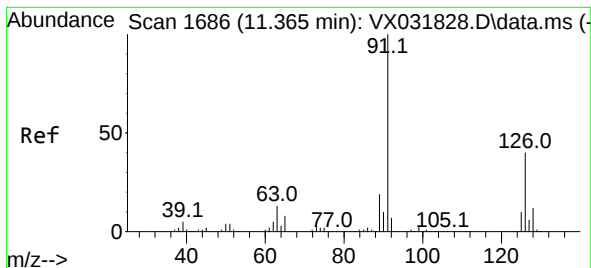


#78
n-propylbenzene
Concen: 9.582 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32



Tgt Ion: 91 Resp: 99587
Ion Ratio Lower Upper
91 100
120 25.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 9.452 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 60058

Ion Ratio Lower Upper

91 100

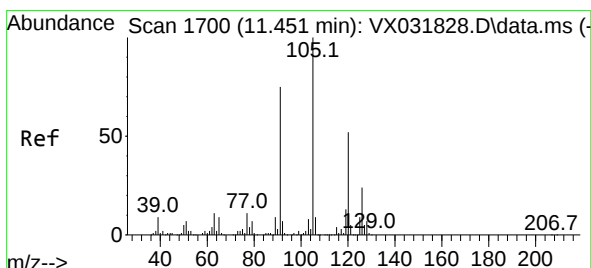
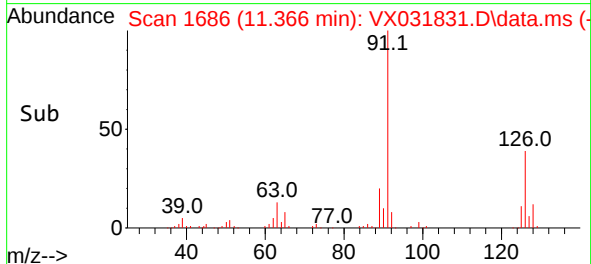
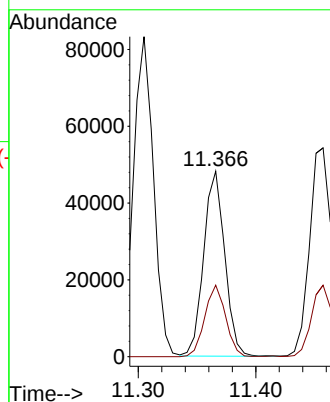
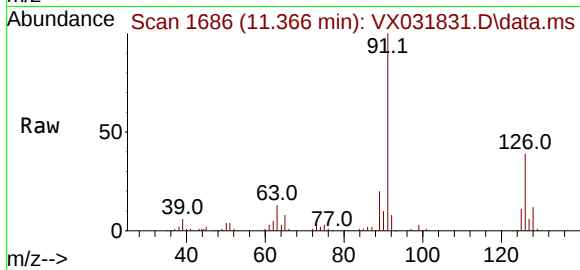
126 38.3 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#80

1,3,5-Trimethylbenzene

Concen: 9.677 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX031831.D

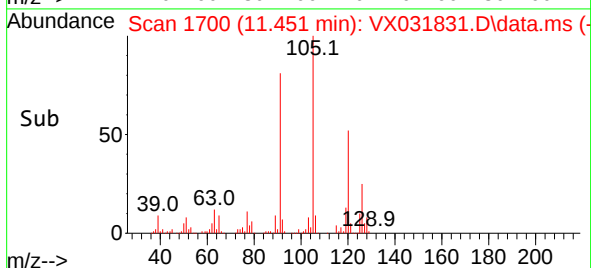
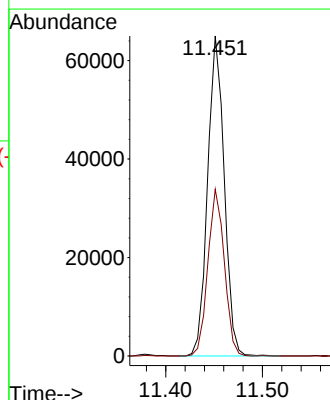
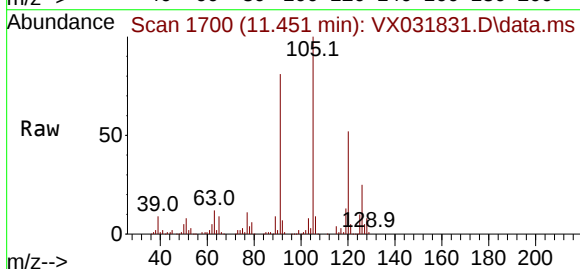
Acq: 03 Oct 2022 12:32

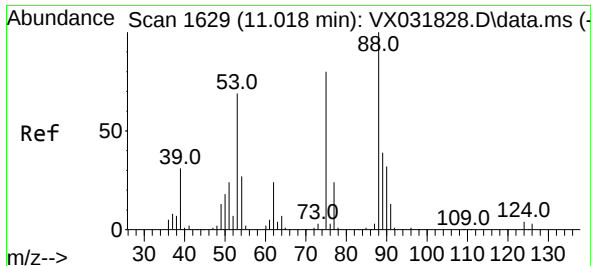
Tgt Ion:105 Resp: 77482

Ion Ratio Lower Upper

105 100

120 51.7 24.5 73.5





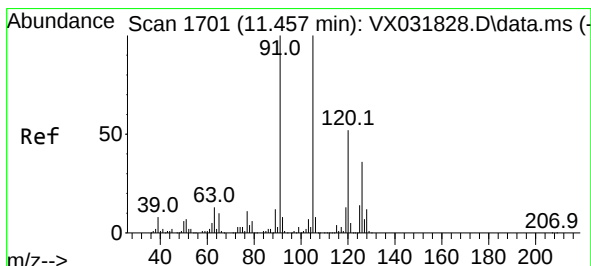
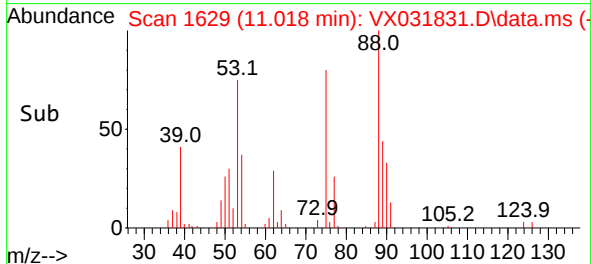
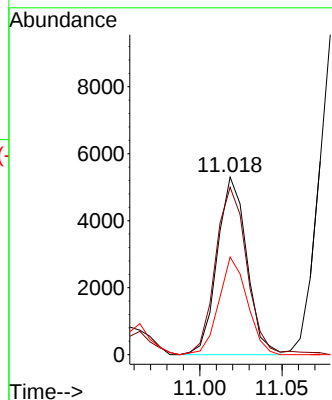
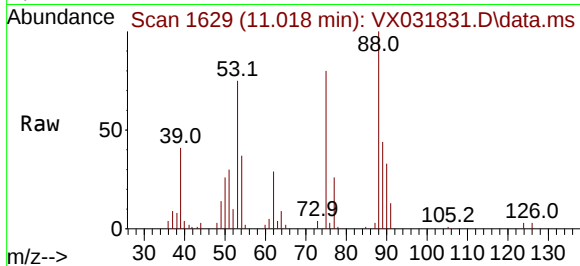
#81
trans-1,4-Dichloro-2-butene
Concen: 8.476 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 6624
Ion Ratio Lower Upper
75 100
53 101.0 77.6 116.4
89 53.1 37.4 56.0

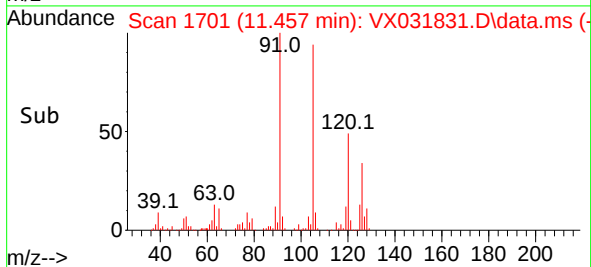
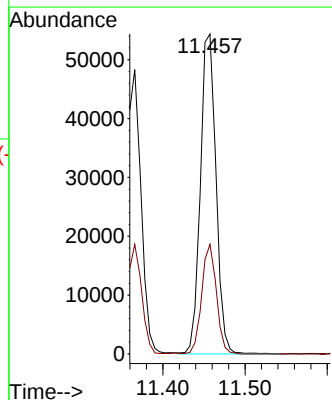
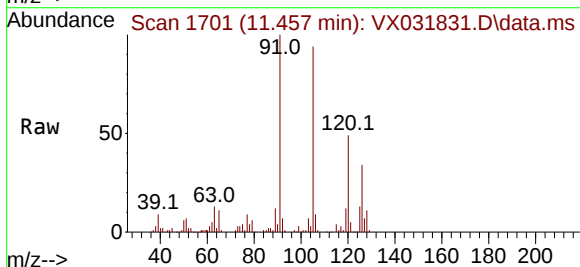
Manual Integrations
APPROVED

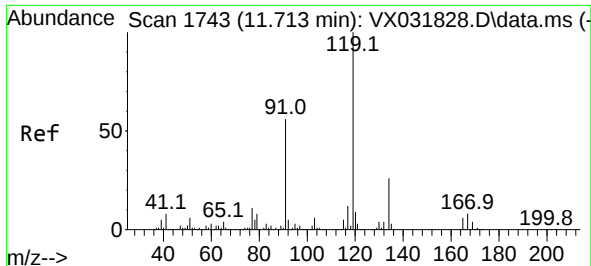
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 9.777 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

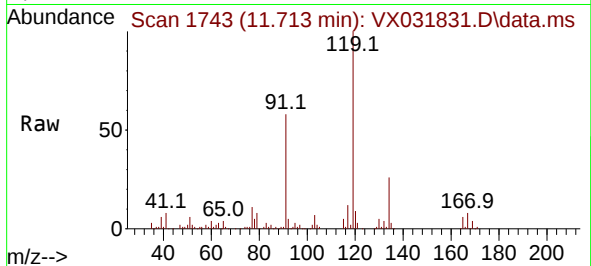
Tgt Ion: 91 Resp: 71804
Ion Ratio Lower Upper
91 100
126 32.2 15.1 45.3





#83
tert-Butylbenzene
Concen: 9.454 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

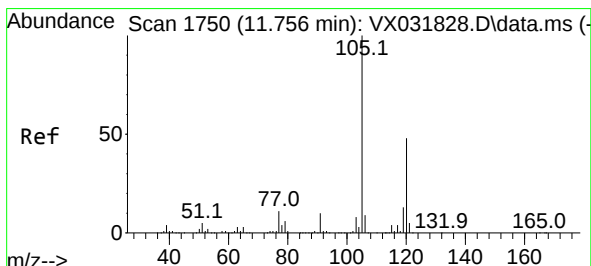
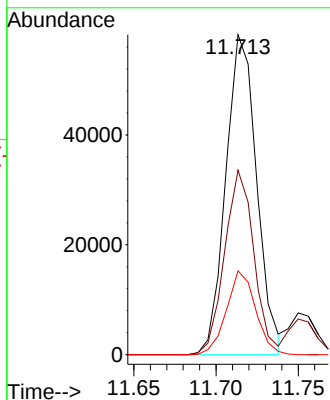
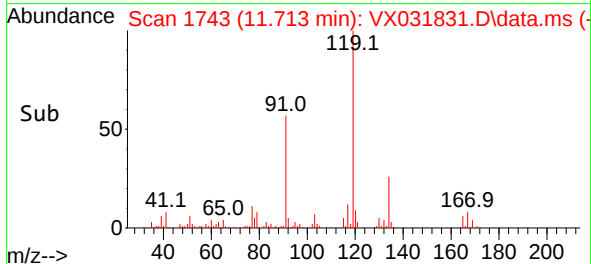
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



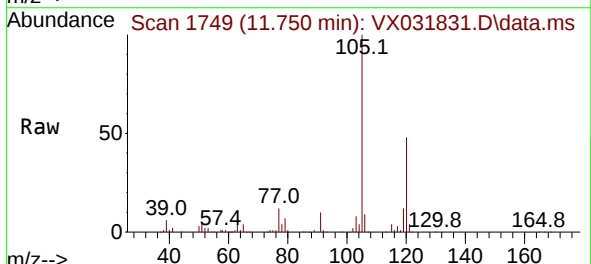
Tgt Ion:119 Resp: 7606
Ion Ratio Lower Upper
119 100
91 54.8 29.2 87.6
134 24.8 11.6 34.8

Manual Integrations
APPROVED

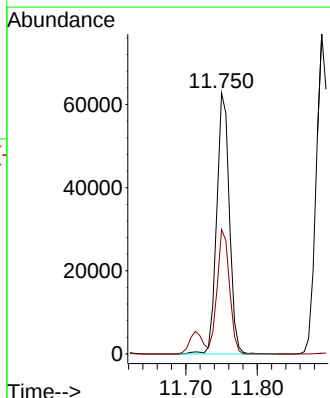
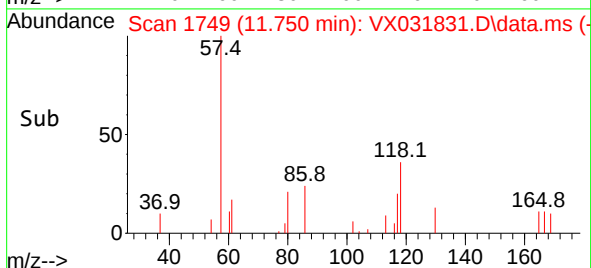
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

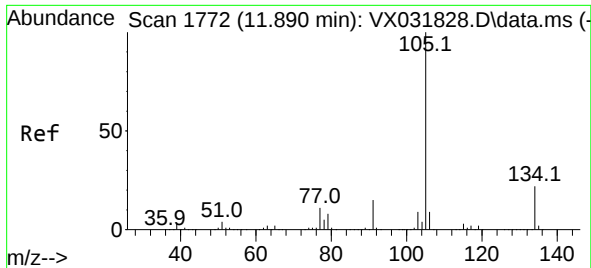


#84
1,2,4-Trimethylbenzene
Concen: 9.629 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32



Tgt Ion:105 Resp: 77084
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 9.644 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031831.D
 Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

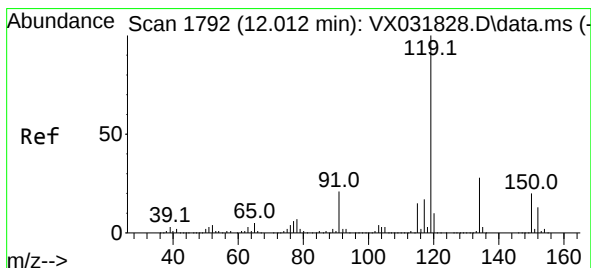
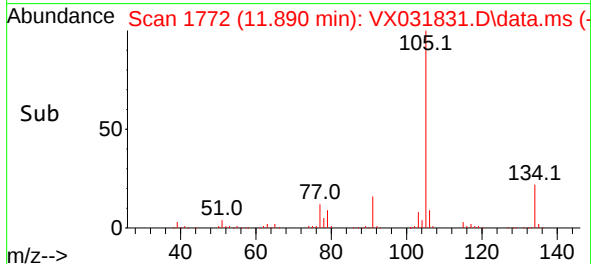
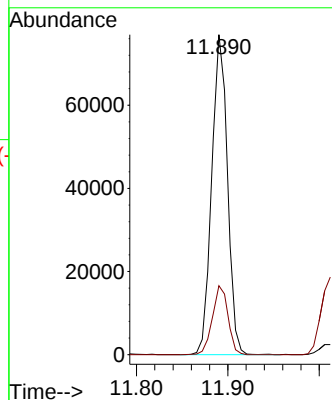
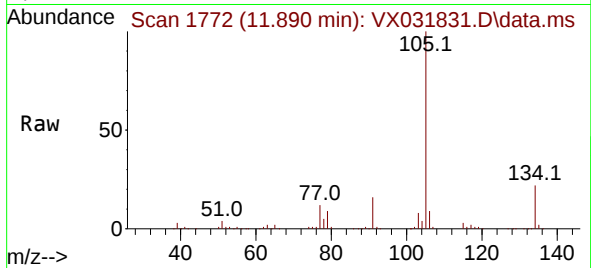
VSTDICC010

Tgt Ion:105 Resp: 9181
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1

Manual Integrations

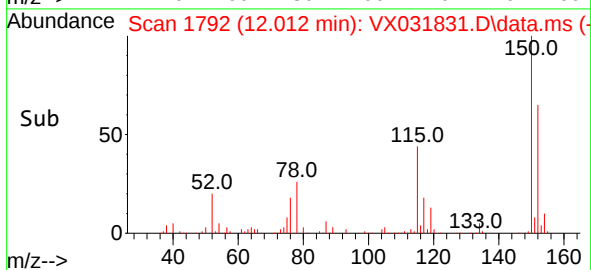
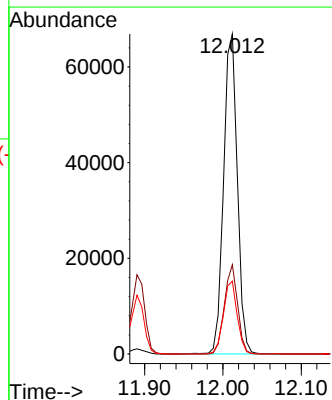
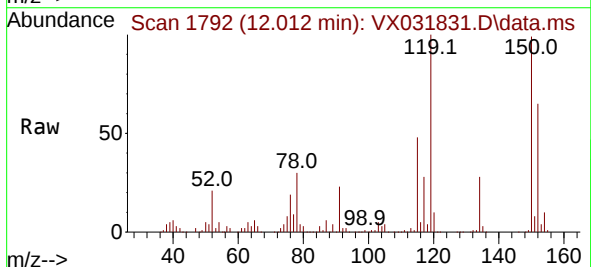
APPROVED

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



#86
 p-Isopropyltoluene
 Concen: 9.776 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031831.D
 Acq: 03 Oct 2022 12:32

Tgt Ion:119 Resp: 81922
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 9.073 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

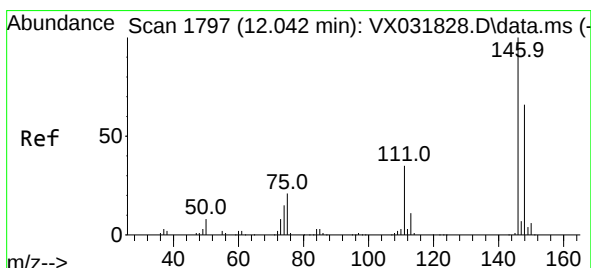
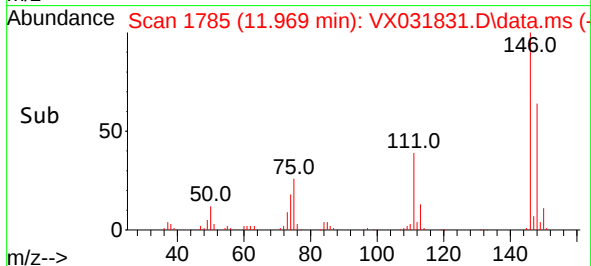
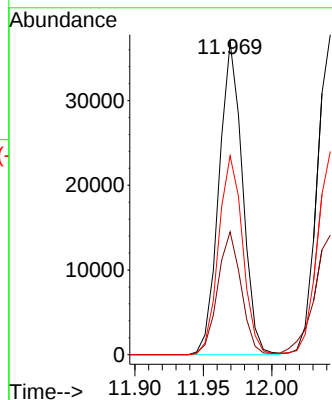
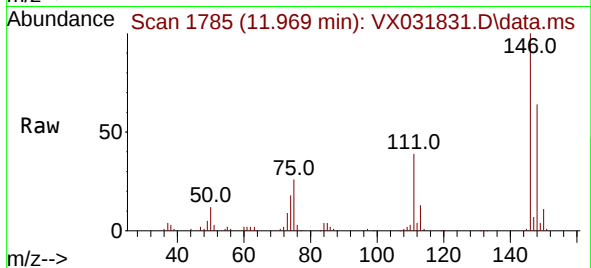
Tgt Ion:146 Resp: 44044
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.4
 148 65.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 9.293 ug/l

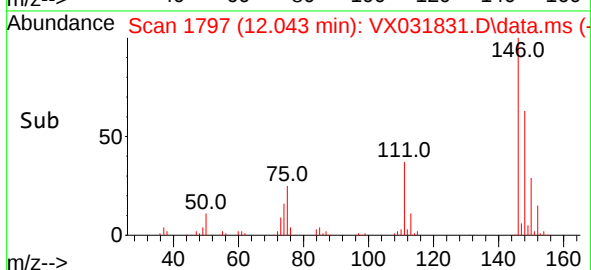
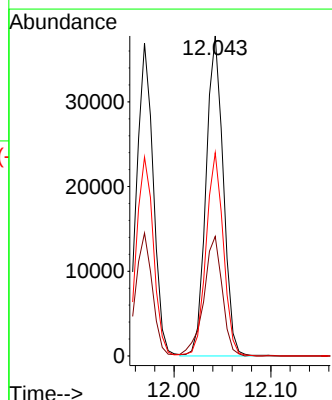
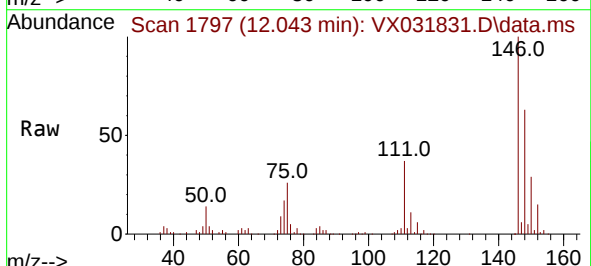
RT: 12.043 min Scan# 1797

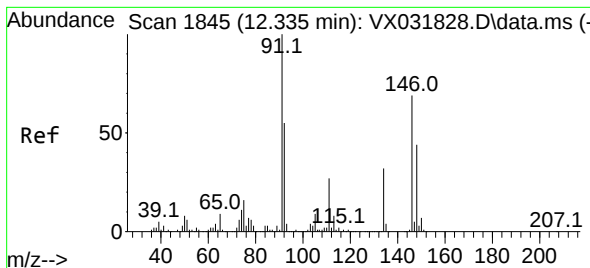
Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

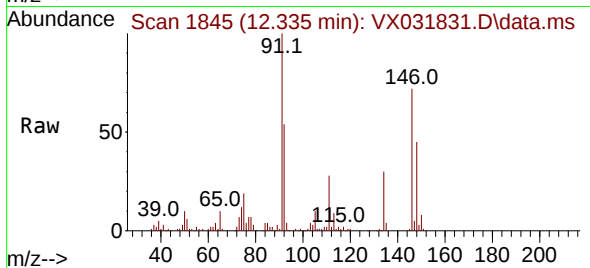
Tgt Ion:146 Resp: 46992
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.5 61.5
 148 63.4 32.0 96.2





#89
n-Butylbenzene
Concen: 9.570 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

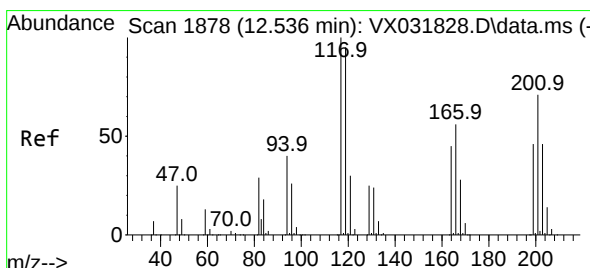
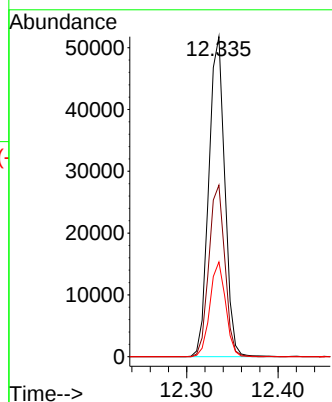
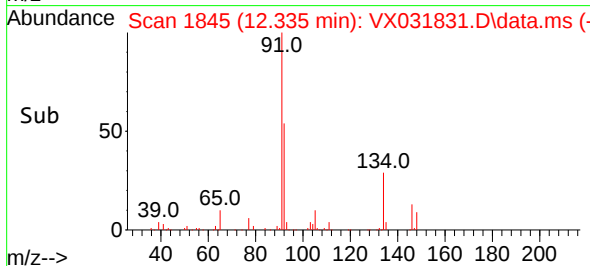
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 6278
Ion Ratio Lower Upper
91 100
92 53.6 27.0 81.0
134 29.0 13.3 39.9

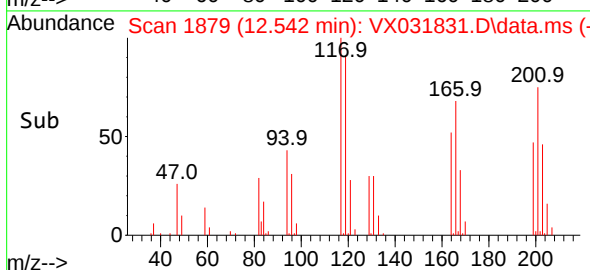
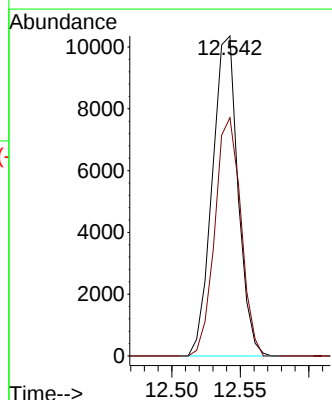
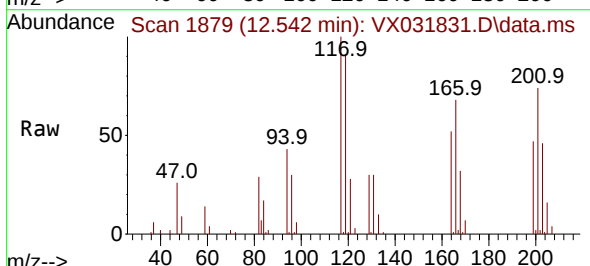
Manual Integrations
APPROVED

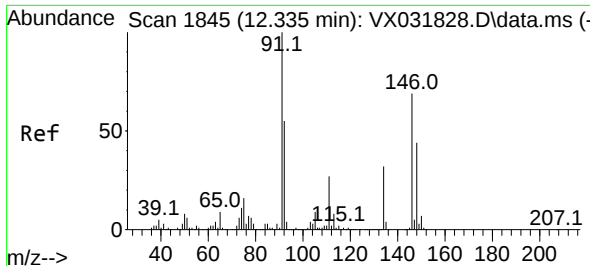
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 8.894 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

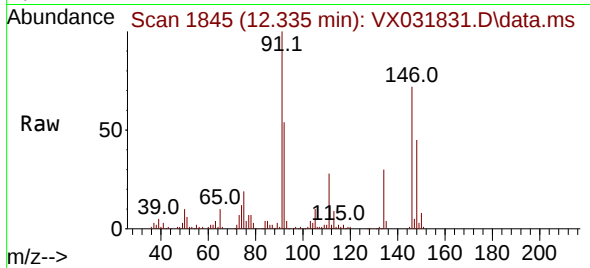
Tgt Ion:117 Resp: 13521
Ion Ratio Lower Upper
117 100
201 75.2 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 9.246 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

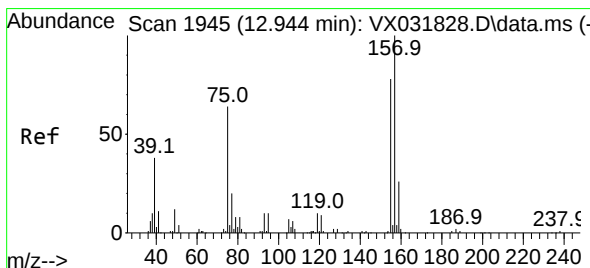
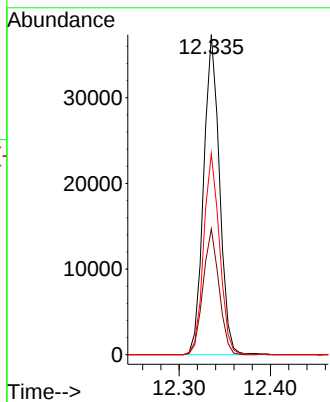
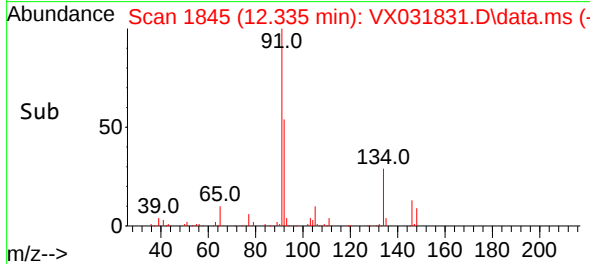
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



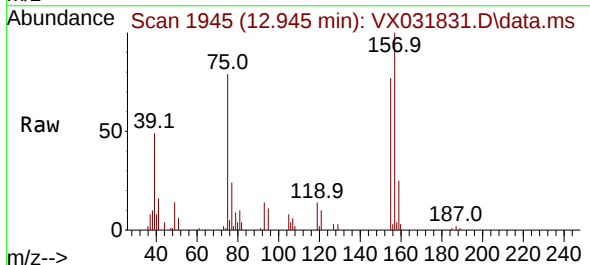
Tgt Ion:146 Resp: 44912
Ion Ratio Lower Upper
146 100
111 39.2 20.6 61.8
148 62.7 31.6 95.0

Manual Integrations
APPROVED

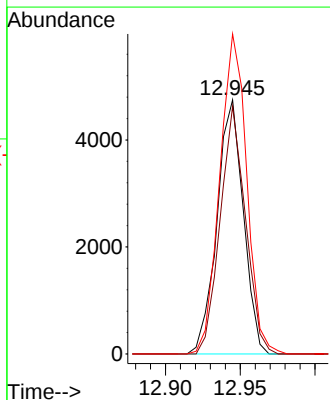
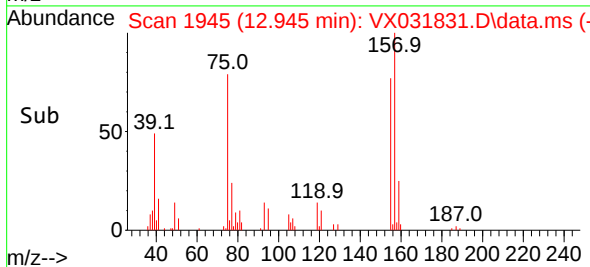
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

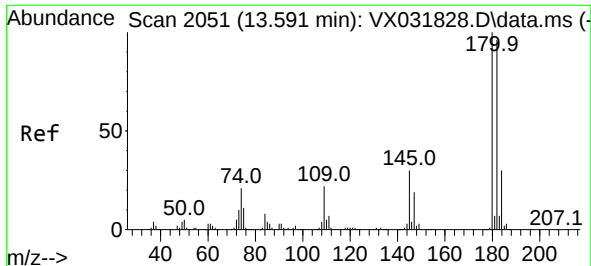


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.892 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32



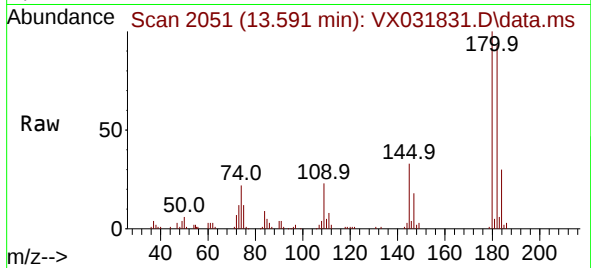
Tgt Ion: 75 Resp: 5815
Ion Ratio Lower Upper
75 100
155 93.5 40.3 120.8
157 128.6 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 8.886 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32

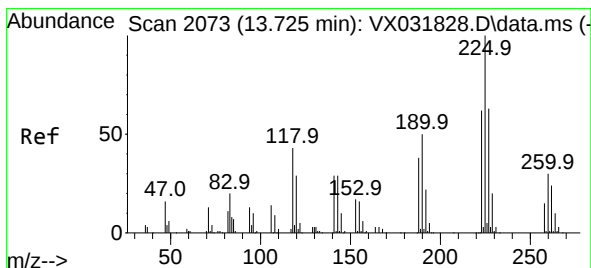
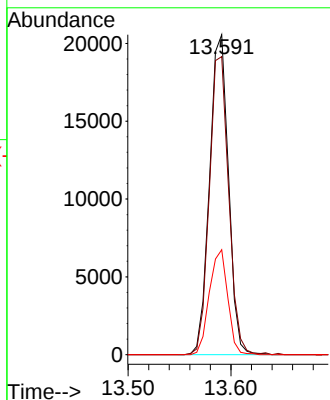
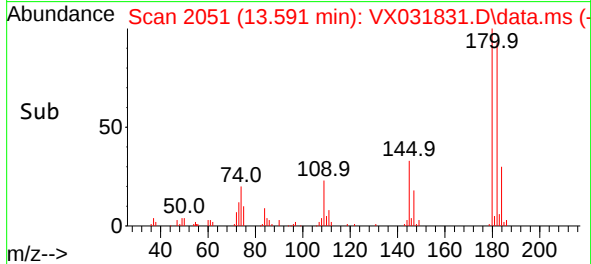
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



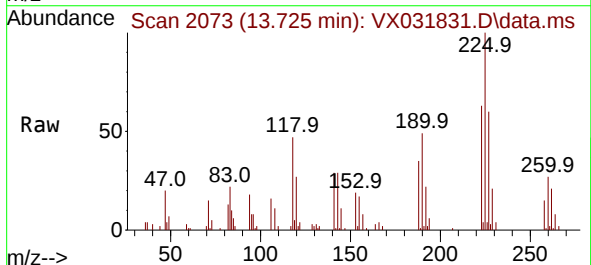
Tgt Ion:180 Resp: 2622
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.6
145 31.9 16.7 50.1

Manual Integrations
APPROVED

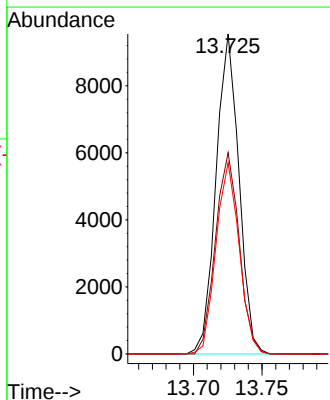
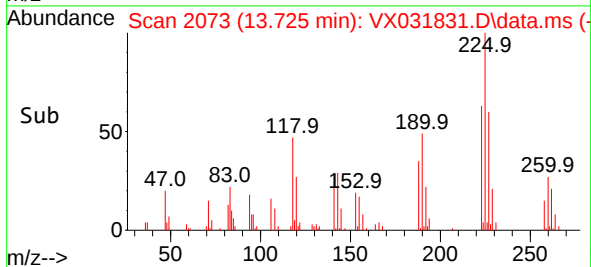
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

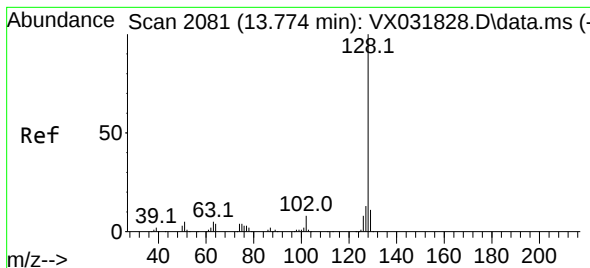


#94
Hexachlorobutadiene
Concen: 9.492 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031831.D
Acq: 03 Oct 2022 12:32



Tgt Ion:225 Resp: 11072
Ion Ratio Lower Upper
225 100
223 65.2 30.8 92.4
227 60.6 32.3 96.9





#95

Naphthalene

Concen: 9.466 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

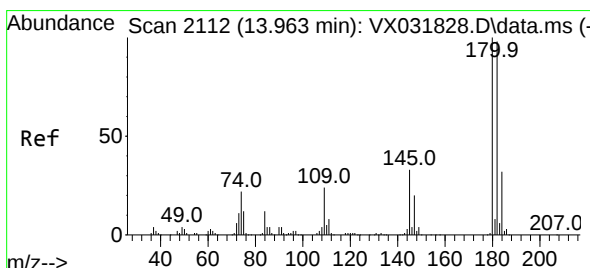
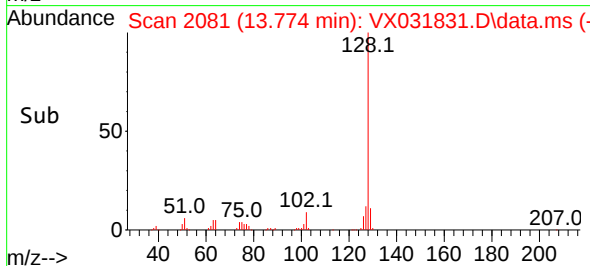
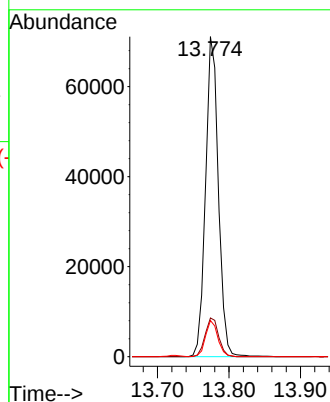
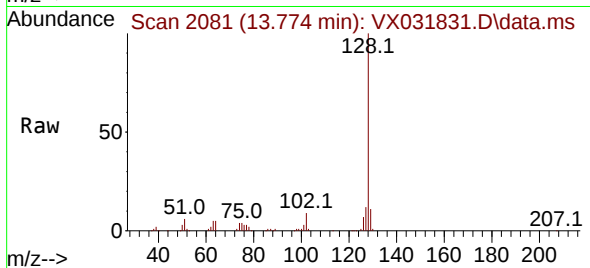
Tgt Ion:128	Resp:	8854
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.4 15.6
129	10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#96

1,2,3-Trichlorobenzene

Concen: 9.297 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031831.D

Acq: 03 Oct 2022 12:32

Tgt Ion:180	Resp:	26733
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.9 143.8
145	33.5	17.6 52.8

