

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037931.D
 Acq On : 27 Sep 2023 18:27
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

Quant Time: Sep 28 05:45:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 03:42:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	45432	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	251746	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	242951	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	97039	29.631	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.767%		
60) 4-Bromofluorobenzene	11.079	95	115026	29.043	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.800%		
63) Toluene-d8	8.647	98	317465	30.270	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	46644	19.585	ug/l	99
3) Chloromethane	1.294	50	50801	19.917	ug/l	92
4) Vinyl Chloride	1.374	62	56665	19.845	ug/l	96
5) Bromomethane	1.611	94	45337	20.611	ug/l	99
6) Chloroethane	1.691	64	37980	19.806	ug/l	94
7) Trichlorofluoromethane	1.892	101	94045	19.954	ug/l	96
8) Diethyl Ether	2.136	74	34017	19.563	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	46696	19.433	ug/l	98
10) 1,1-Dichloroethene	2.325	96	46371	19.714	ug/l	87
11) Methyl Iodide	2.453	142	60761	19.086	ug/l	98
12) Methyl Acetate	2.703	43	95851	20.048	ug/l	99
13) Acrolein	2.233	56	55182	100.017	ug/l	93
14) Acrylonitrile	3.062	53	130834	99.112	ug/l	97
15) Acetone	2.373	58	38596	101.081	ug/l	90
16) Carbon Disulfide	2.514	76	106826	18.611	ug/l	98
17) Allyl chloride	2.666	41	69922	19.417	ug/l	97
18) Methylene Chloride	2.788	84	55208	19.583	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	51763	19.525	ug/l	96
20) Diisopropyl ether	3.757	45	153452	19.960	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	92159	19.840	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	61530	19.547	ug/l	97
23) tert-Butyl Alcohol	2.953	59	52998	96.252	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	160612	19.727	ug/l	96
25) Chloroform	5.099	83	100946	19.761	ug/l	98
26) Cyclohexane	5.470	56	76826	19.435	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	72463	19.912	ug/l	98
30) 2-Butanone	4.550	43	175544	100.515	ug/l	96
31) 2,2-Dichloropropane	4.477	77	72806	19.859	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	86172	19.762	ug/l	98
33) Carbon Tetrachloride	5.678	117	72727	19.483	ug/l	97
34) Benzene	6.037	78	219633	20.204	ug/l	98
35) Methacrylonitrile	4.922	41	35324	19.238	ug/l	93
36) 1,2-Dichloroethane	6.092	62	77830	20.239	ug/l	98
37) Trichloroethene	7.129	130	59780	19.933	ug/l	96
38) Methylcyclohexane	7.385	83	89663	19.602	ug/l	95
39) 1,2-Dichloropropane	7.434	63	55454	19.939	ug/l	99
40) Dibromomethane	7.580	93	40359	19.666	ug/l	96
41) Bromodichloromethane	7.824	83	72664	19.394	ug/l	99
42) Vinyl Acetate	3.721	43	551560	100.184	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	67053	19.421	ug/l	99
44) Isopropyl Acetate	6.342	43	111803	19.574	ug/l	96
45) 1,4-Dioxane	7.659	88	26009	395.156	ug/l #	1
46) Methyl methacrylate	7.696	41	54072	19.915	ug/l	93
47) n-amyl Acetate	10.841	43	103660	19.290	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	76446	18.782	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	84443	19.318	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	57437	19.585	ug/l	98
51) Ethyl methacrylate	9.116	69	83128	19.237	ug/l	96
52) 1,3-Dichloropropane	9.311	76	93911	19.962	ug/l	98
53) Dibromochloromethane	9.519	129	57252	18.942	ug/l	99
54) 1,2-Dibromoethane	9.610	107	63273	19.882	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	205188	97.409	ug/l	99
56) Bromoform	10.799	173	39946	17.572	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	364210	102.407	ug/l	96
59) 2-Hexanone	9.433	43	271288	100.443	ug/l	96
61) Tetrachloroethene	9.275	164	51093	19.762	ug/l	97
62) Toluene	8.720	91	252867	20.065	ug/l	99
64) Chlorobenzene	10.079	112	155928	19.834	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	55996	19.622	ug/l	97
66) Ethyl Benzene	10.195	91	277160	19.927	ug/l	97
67) m/p-Xylenes	10.299	106	217689	39.730	ug/l	99
68) o-Xylene	10.640	106	103964	19.594	ug/l	96
69) Styrene	10.652	104	173195	19.457	ug/l	98
70) Isopropylbenzene	10.963	105	278590	19.784	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	91693	19.757	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	79545m	19.520	ug/l	
73) Bromobenzene	11.195	156	68541	19.190	ug/l	93
74) n-propylbenzene	11.305	91	333228	19.808	ug/l	100
75) 2-Chlorotoluene	11.366	91	192616	19.557	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	237565	19.564	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	22456	17.400	ug/l	95
78) 4-Chlorotoluene	11.451	91	225544	19.522	ug/l	98
79) tert-butylbenzene	11.713	119	232863	19.484	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	238197	19.732	ug/l	98
81) sec-Butylbenzene	11.890	105	301501	19.616	ug/l	99
82) p-Isopropyltoluene	12.006	119	251222	19.469	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	133699	19.373	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	135848	19.426	ug/l	98
85) n-Butylbenzene	12.335	91	229235	18.987	ug/l	100
86) Hexachloroethane	12.536	117	37885	18.020	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	133080	19.572	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	17402	18.825	ug/l	84
89) 1,2,4-Trichlorobenzene	13.585	180	88807	19.197	ug/l	99
90) Hexachlorobutadiene	13.725	225	38622	19.004	ug/l	98
91) Naphthalene	13.774	128	278558	19.854	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	88462	19.641	ug/l	98

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

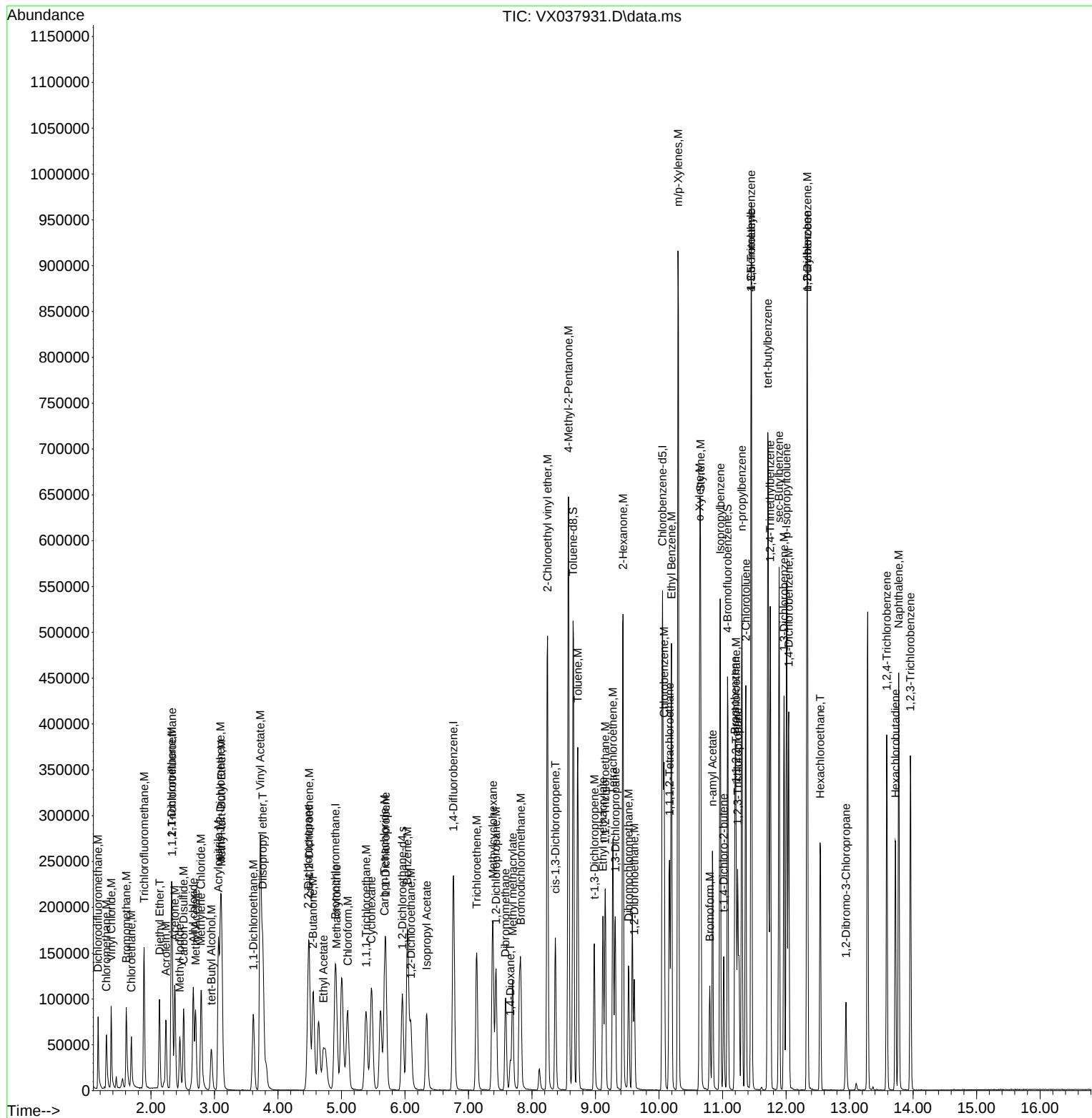
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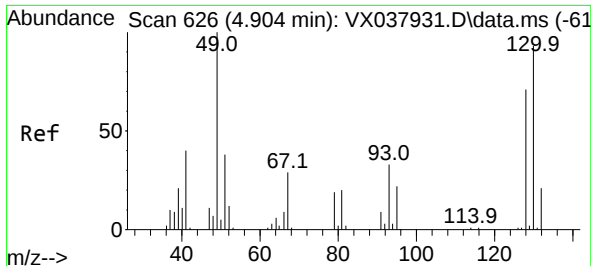
Instrument :
MSVOA_X
ClientSampleId :
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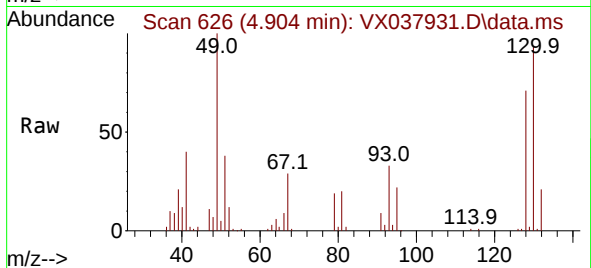
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Sep 28 03:42:12 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

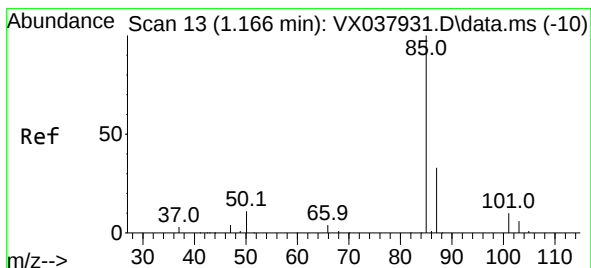
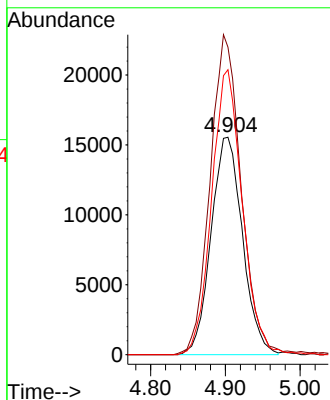
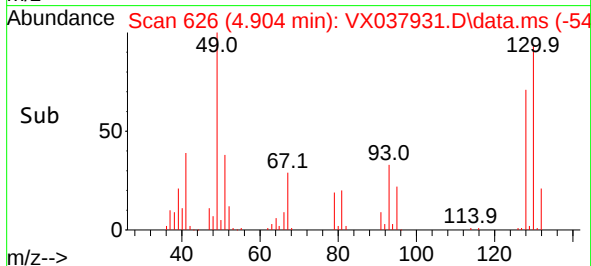
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 4543
Ion Ratio Lower Upper
128 100
49 145.0 0.0 406.3
130 127.9 0.0 328.0

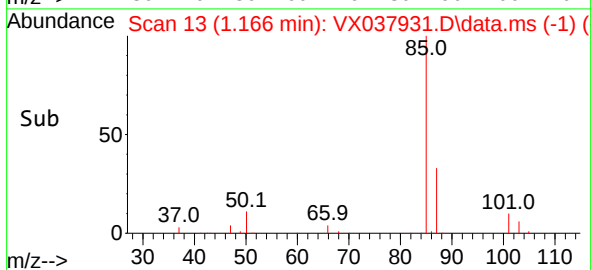
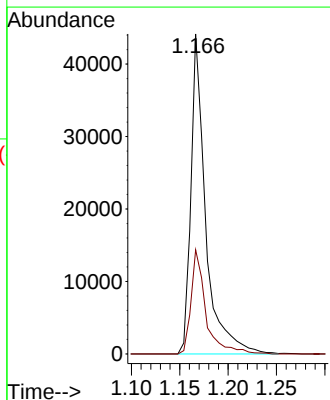
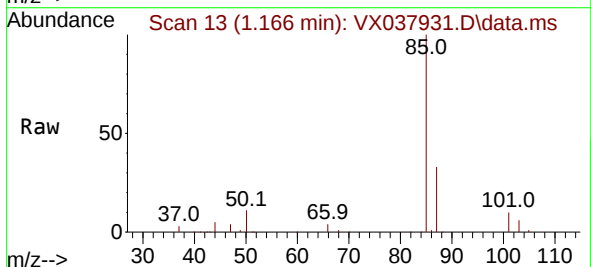
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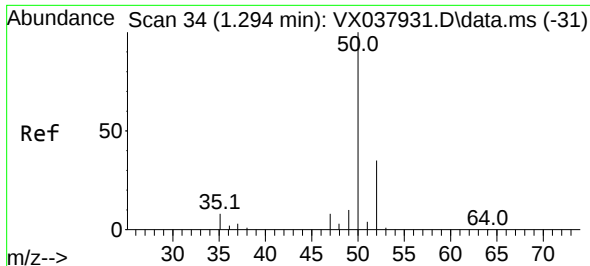
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#2
Dichlorodifluoromethane
Concen: 19.585 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 85 Resp: 46644
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.4





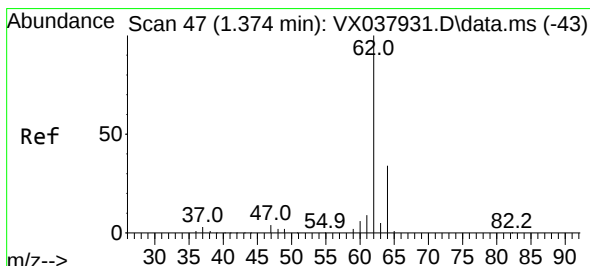
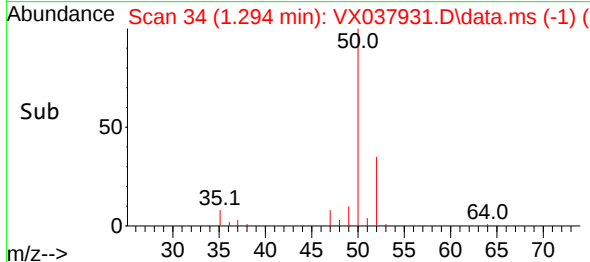
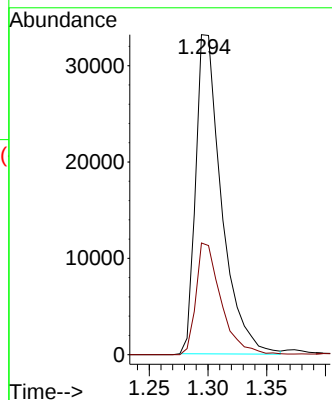
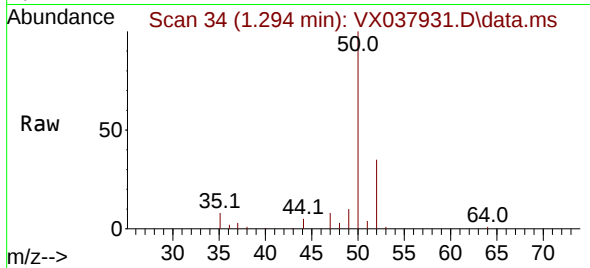
#3
Chloromethane
Concen: 19.917 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

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MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 5080
Ion Ratio Lower Upper
50 100
52 35.0 24.5 36.7

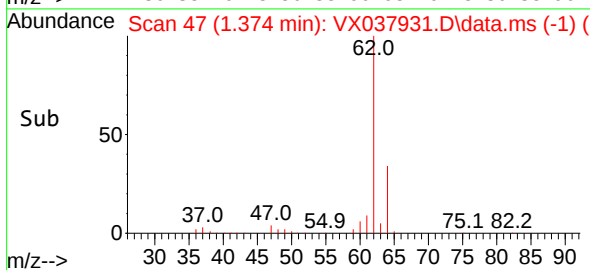
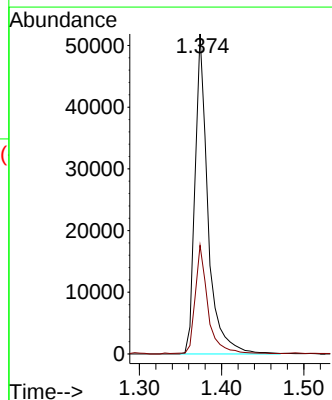
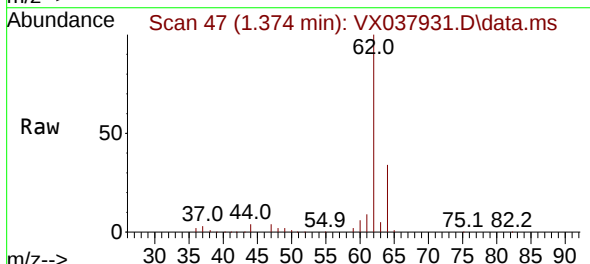
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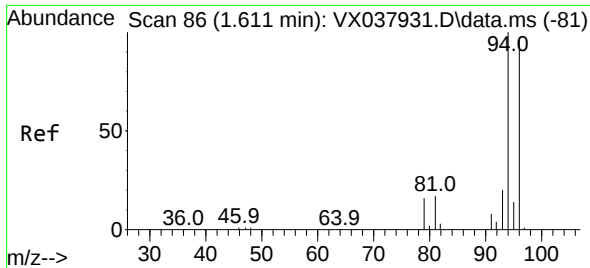
Reviewed By :John Carlone 09/28/2023
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#4
Vinyl Chloride
Concen: 19.845 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 62 Resp: 56665
Ion Ratio Lower Upper
62 100
64 33.8 25.3 37.9





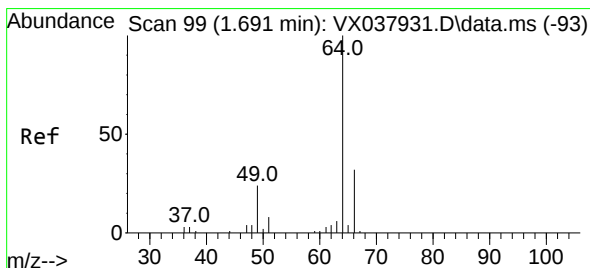
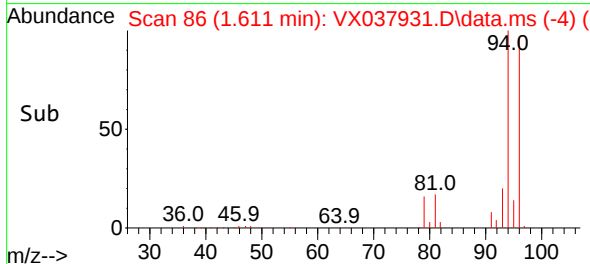
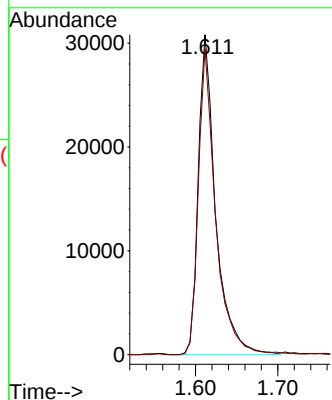
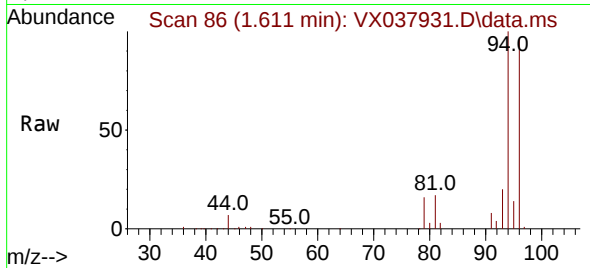
#5
Bromomethane
Concen: 20.611 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4533
Ion Ratio Lower Upper
94 100
96 95.6 77.4 116.2

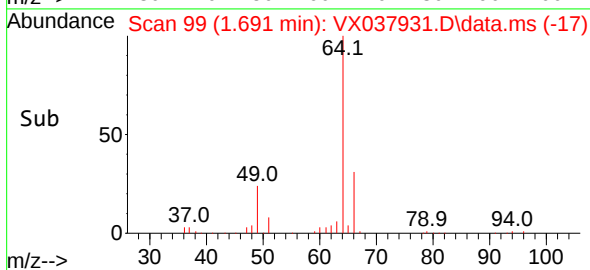
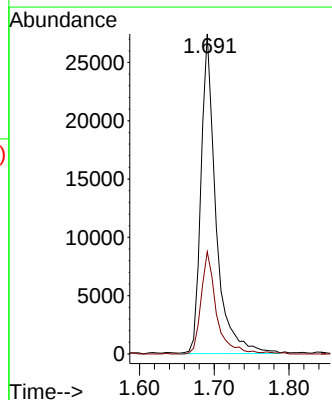
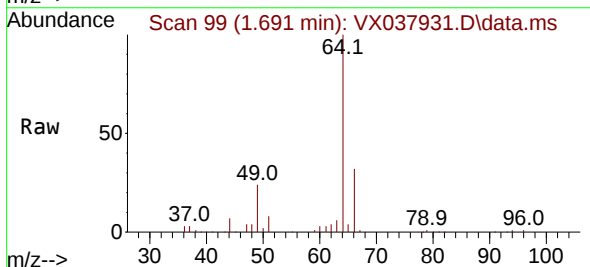
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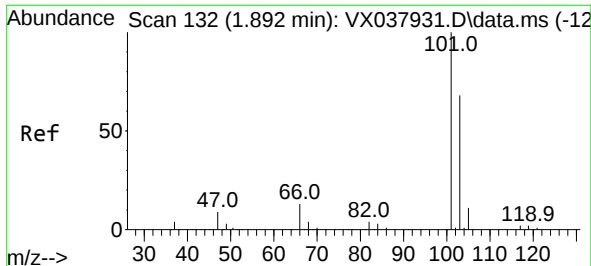
Reviewed By :John Carlone 09/28/2023
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#6
Chloroethane
Concen: 19.806 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX037931.D
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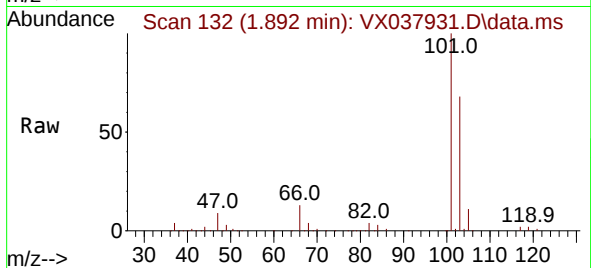
Tgt Ion: 64 Resp: 37980
Ion Ratio Lower Upper
64 100
66 32.0 23.1 34.7





#7
Trichlorofluoromethane
Concen: 19.954 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

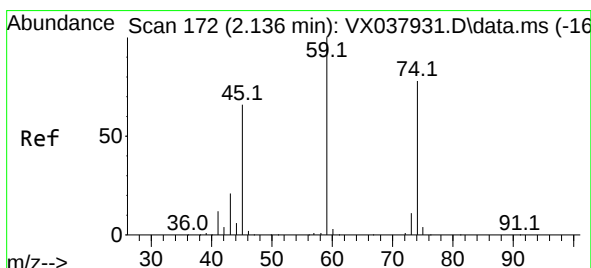
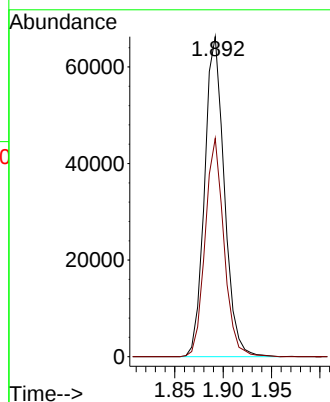
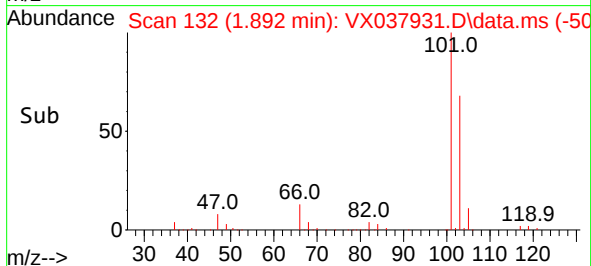
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:101 Resp: 9404
Ion Ratio Lower Upper
101 100
103 68.2 52.2 78.2

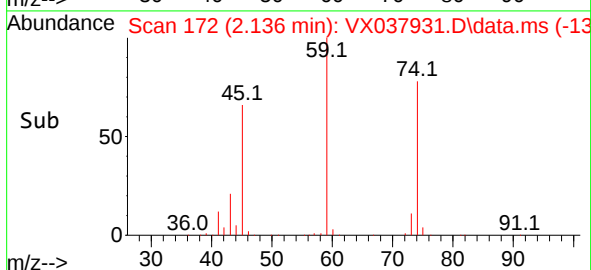
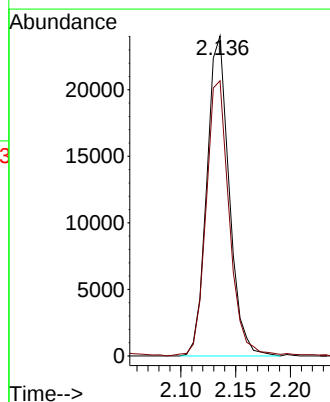
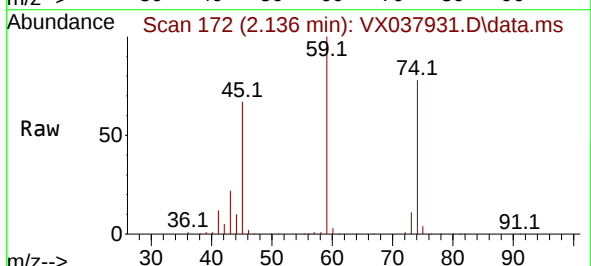
Manual Integrations
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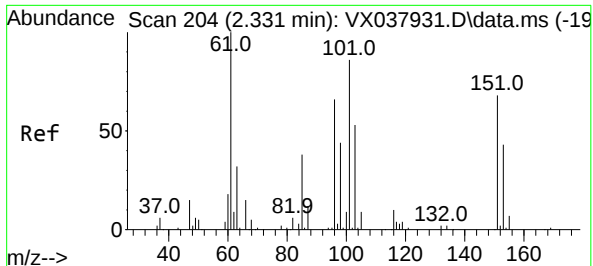
Reviewed By :John Carlone 09/28/2023
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#8
Diethyl Ether
Concen: 19.563 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 74 Resp: 34017
Ion Ratio Lower Upper
74 100
45 89.1 19.9 178.9





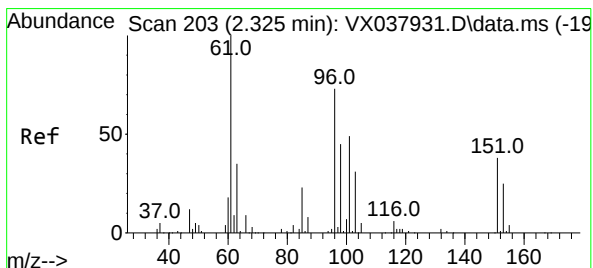
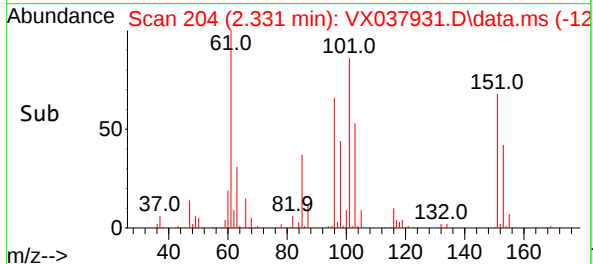
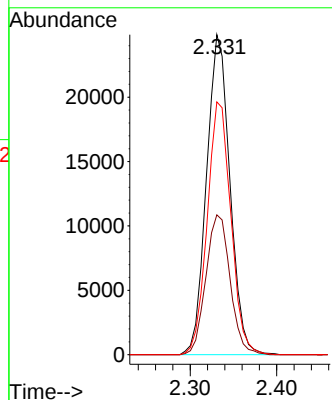
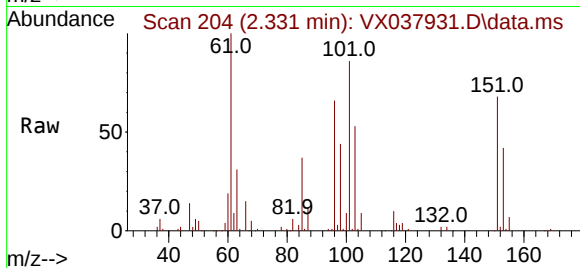
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.433 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 46690
Ion Ratio Lower Upper
101 100
85 45.2 0.0 91.0
151 80.0 0.0 155.4

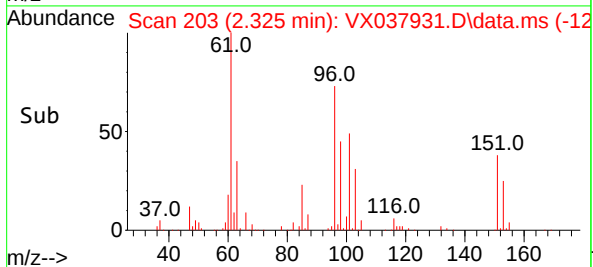
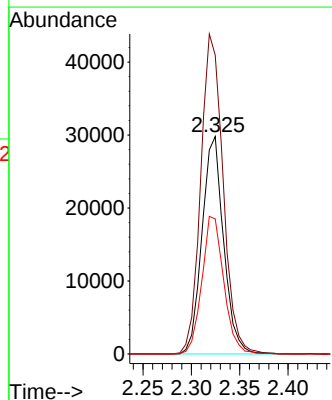
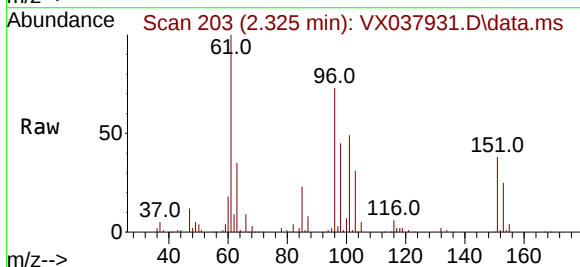
Manual Integrations
APPROVED

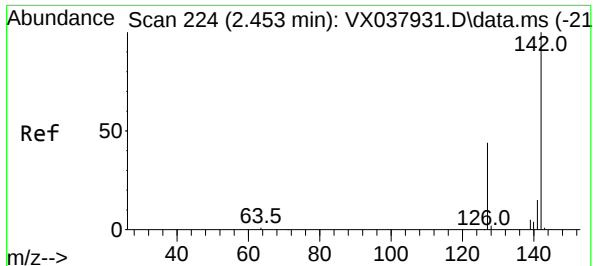
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#10
1,1-Dichloroethene
Concen: 19.714 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

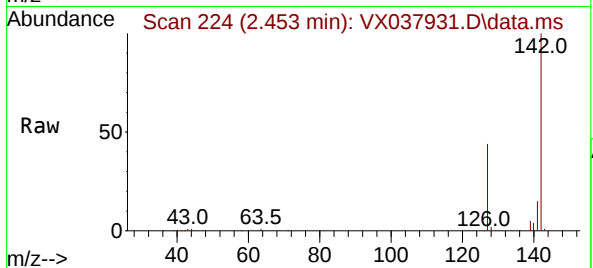
Tgt Ion: 96 Resp: 46371
Ion Ratio Lower Upper
96 100
61 137.4 127.2 190.8
98 62.1 52.7 79.1





#11
Methyl Iodide
Concen: 19.086 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

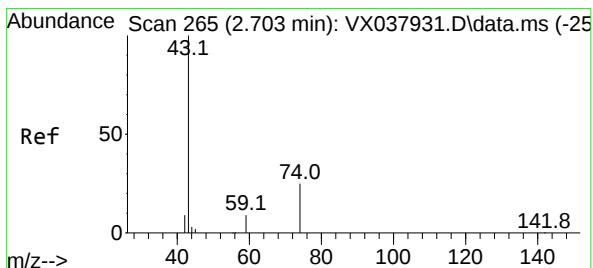
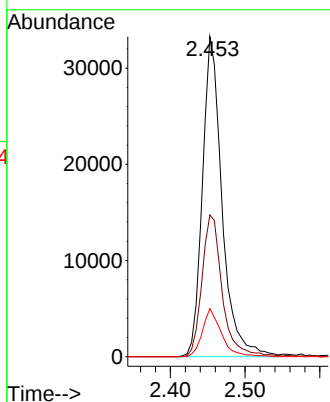
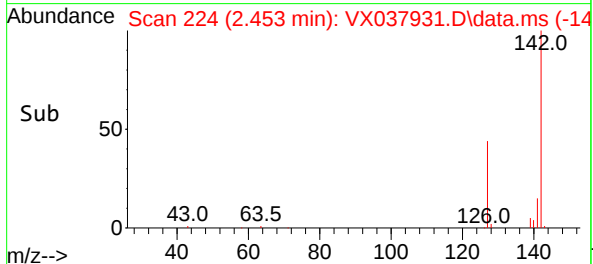
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 6076
Ion Ratio Lower Upper
142 100
127 44.3 22.9 68.8
141 15.1 7.5 22.6

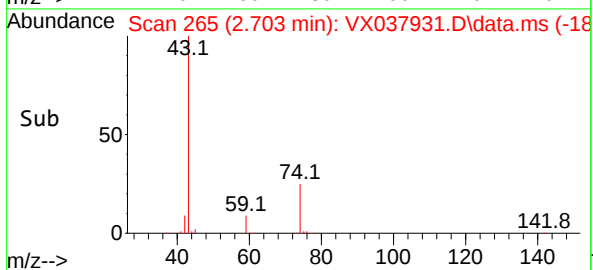
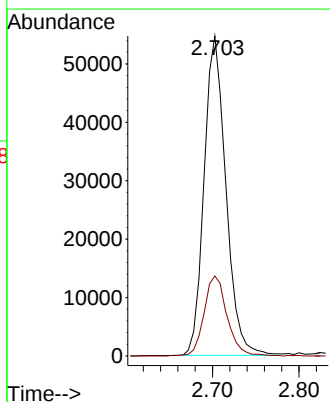
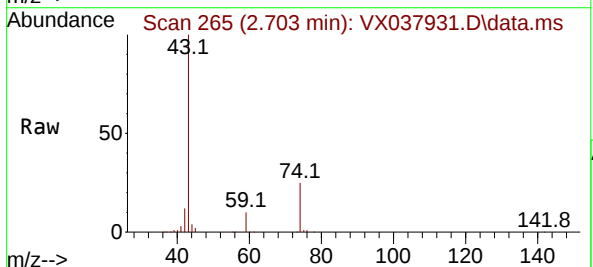
Manual Integrations
APPROVED

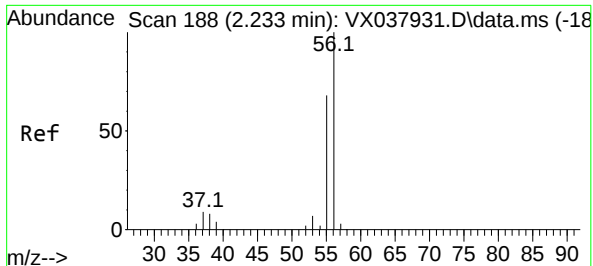
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#12
Methyl Acetate
Concen: 20.048 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

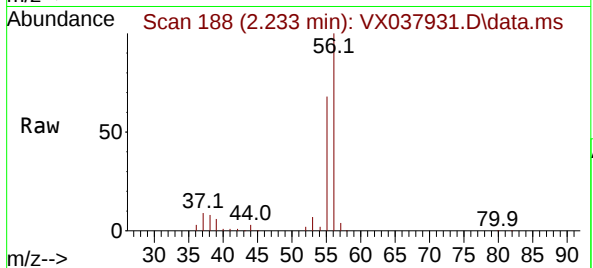
Tgt Ion: 43 Resp: 95851
Ion Ratio Lower Upper
43 100
74 25.0 20.3 30.5





#13
Acrolein
Concen: 100.017 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

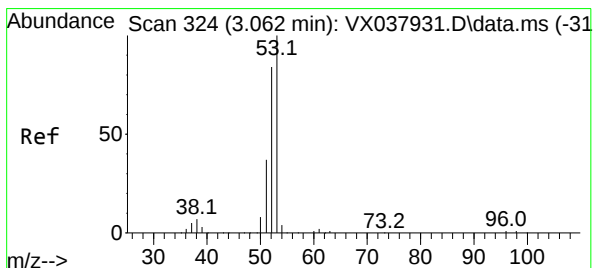
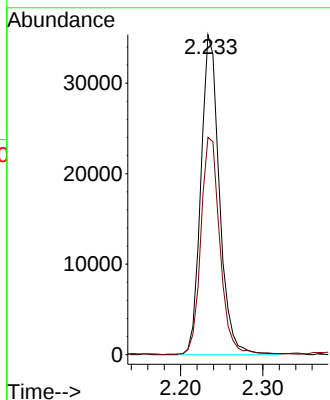
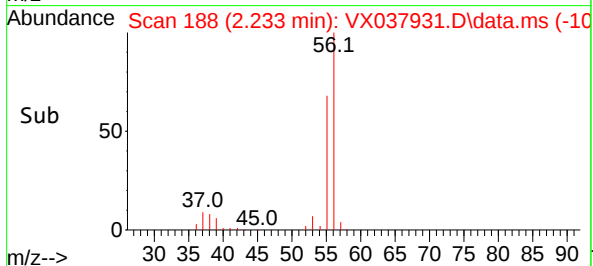
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 5518
Ion Ratio Lower Upper
56 100
55 69.0 59.7 89.5

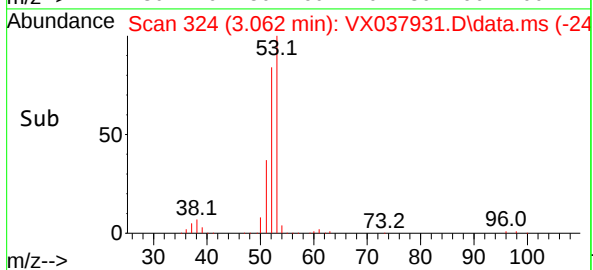
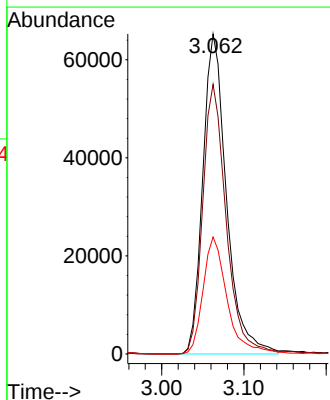
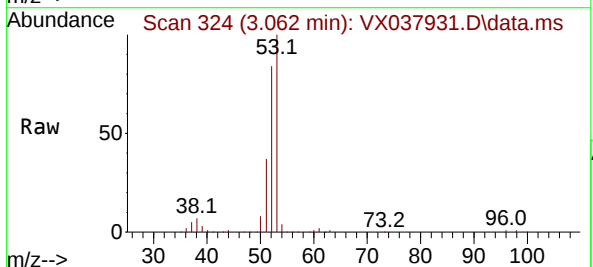
Manual Integrations
APPROVED

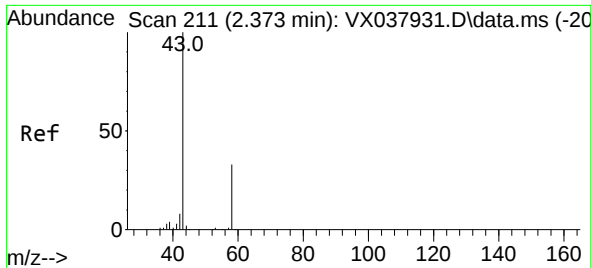
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#14
Acrylonitrile
Concen: 99.112 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

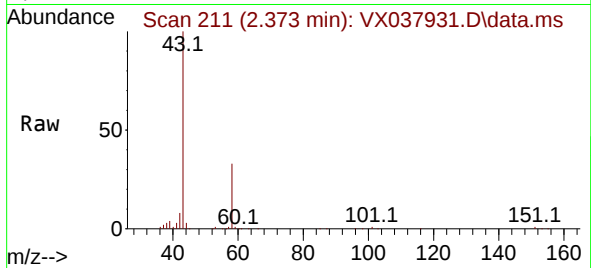
Tgt Ion: 53 Resp: 130834
Ion Ratio Lower Upper
53 100
52 83.1 40.0 119.9
51 37.1 18.2 54.6





#15
Acetone
Concen: 101.081 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

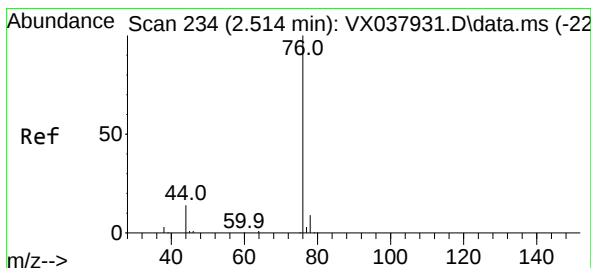
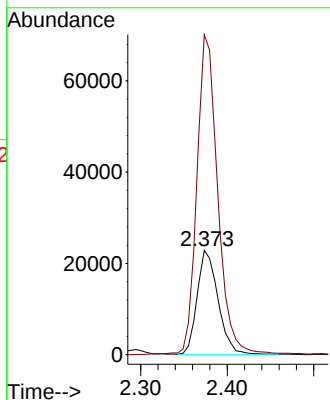
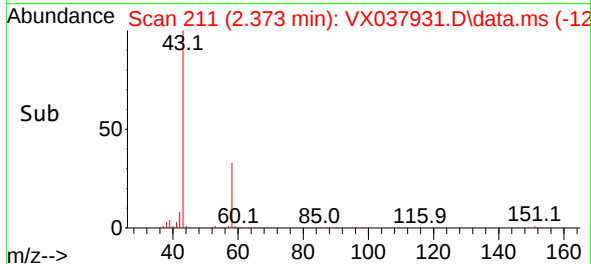
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 38590
Ion Ratio Lower Upper
58 100
43 306.3 261.0 391.4

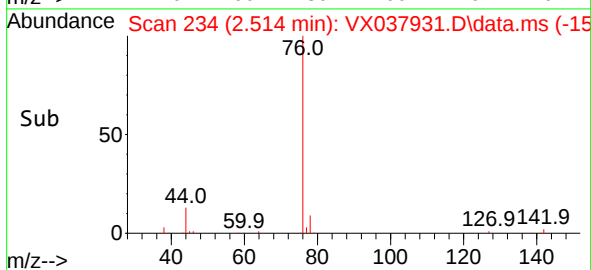
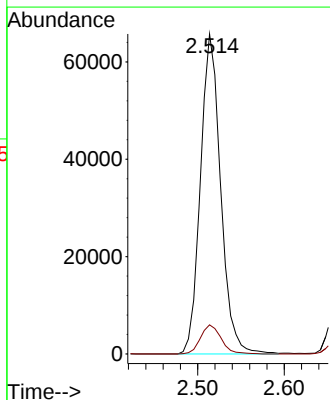
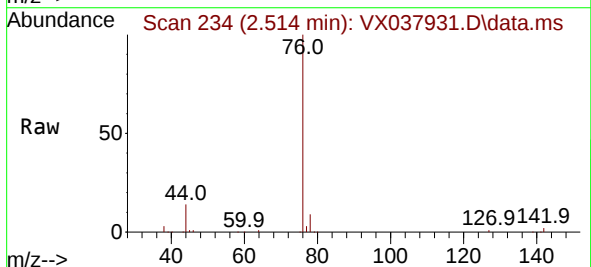
Manual Integrations
APPROVED

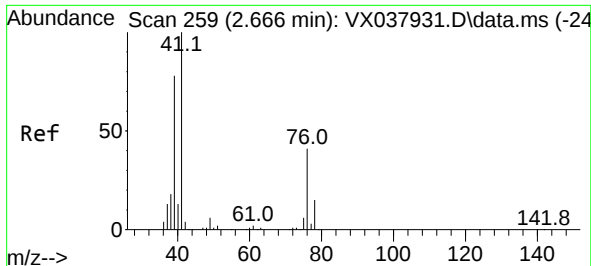
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#16
Carbon Disulfide
Concen: 18.611 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 76 Resp: 106826
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0





#17

Allyl chloride

Concen: 19.417 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

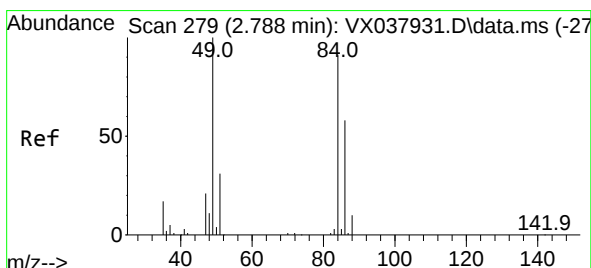
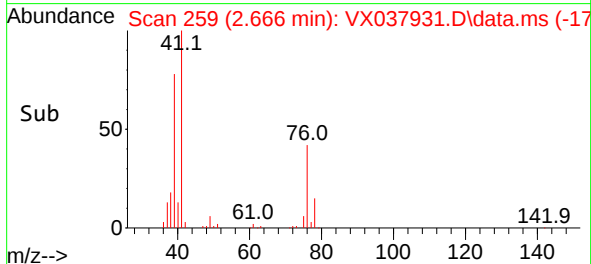
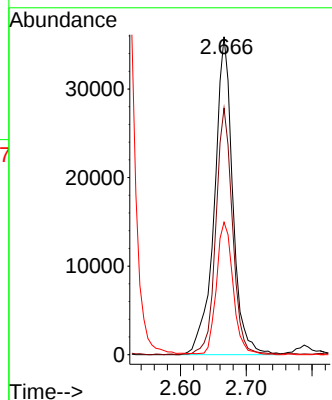
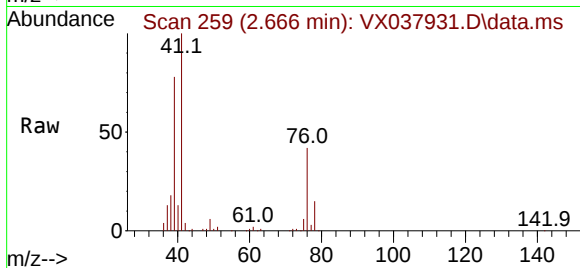
Tgt Ion: 41	Resp: 6992
Ion Ratio	Lower Upper
41	100
39	77.6 38.5 115.3
76	41.7 18.6 55.8

Manual Integrations

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Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#18

Methylene Chloride

Concen: 19.583 ug/l

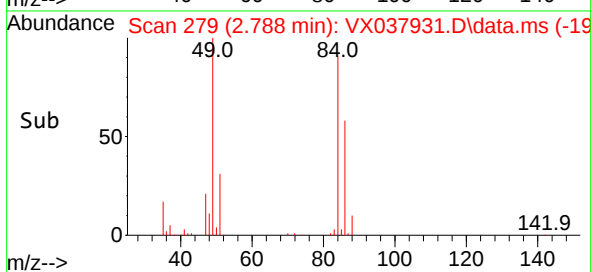
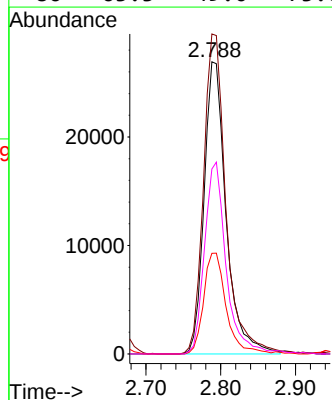
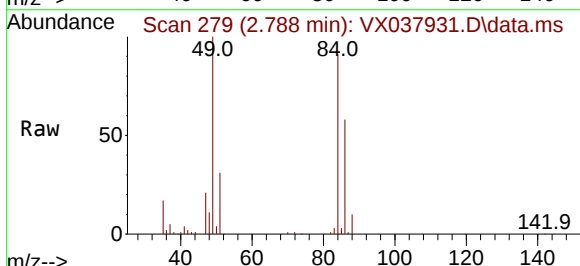
RT: 2.788 min Scan# 279

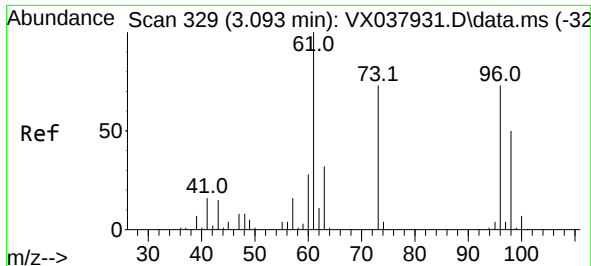
Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

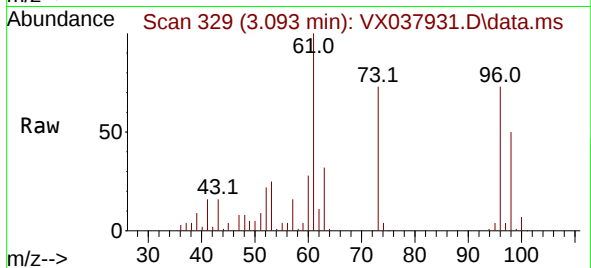
Tgt Ion: 84	Resp: 55208
Ion Ratio	Lower Upper
84	100
49	109.5 95.4 143.0
51	34.4 28.3 42.5
86	63.3 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

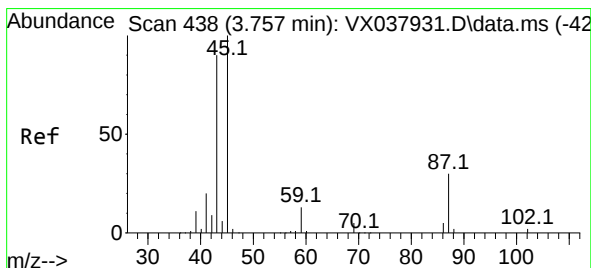
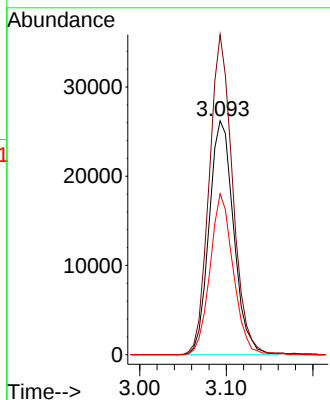
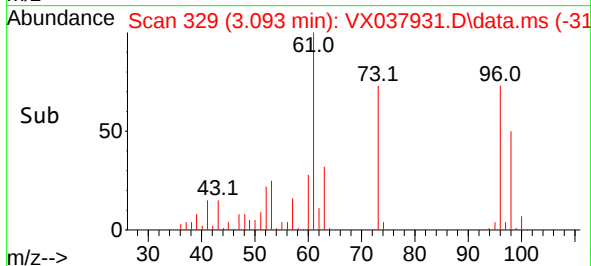
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



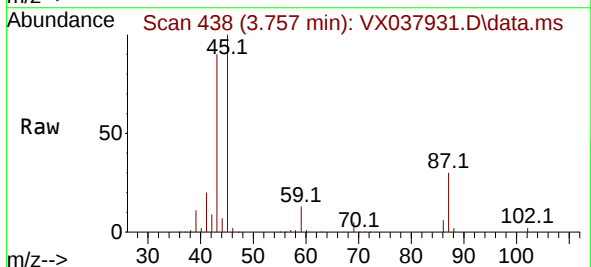
Tgt Ion: 96 Resp: 51763
Ion Ratio Lower Upper
96 100
61 136.8 108.7 163.1
98 68.8 49.1 73.7

Manual Integrations
APPROVED

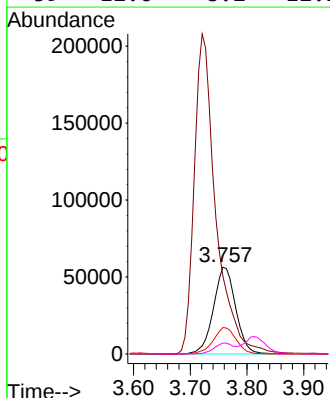
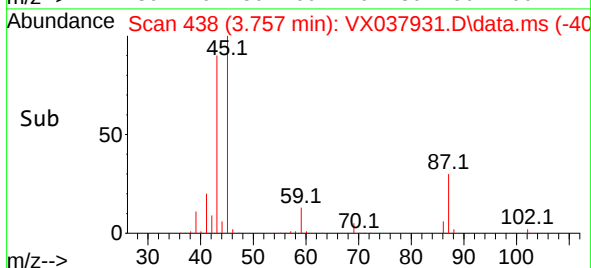
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

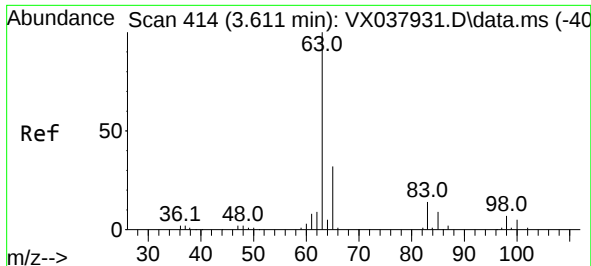


#20
Diisopropyl ether
Concen: 19.960 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27



Tgt Ion: 45 Resp: 153452
Ion Ratio Lower Upper
45 100
43 89.5 55.8 83.6#
87 30.4 23.0 34.4
59 12.6 8.2 12.2#





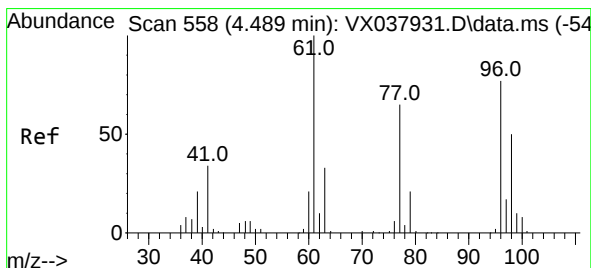
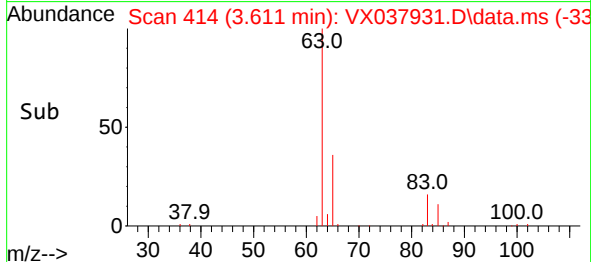
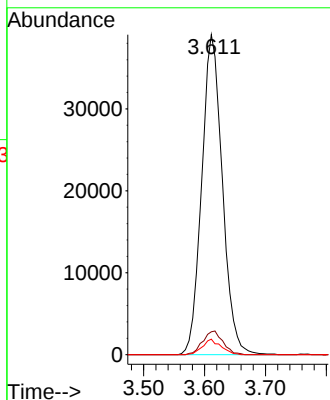
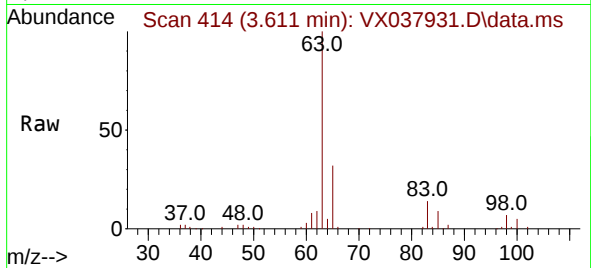
#21
1,1-Dichloroethane
Concen: 19.840 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 92159
Ion Ratio Lower Upper
63 100
98 7.2 3.2 9.6
100 4.9 2.3 6.8

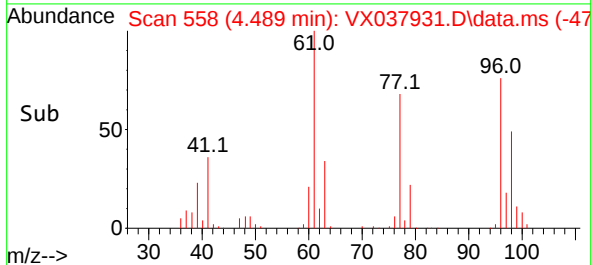
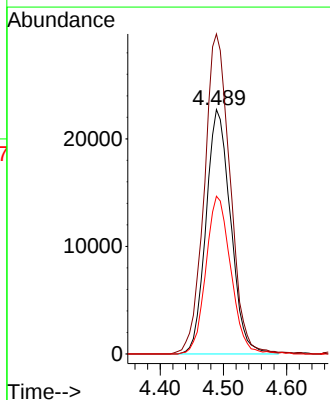
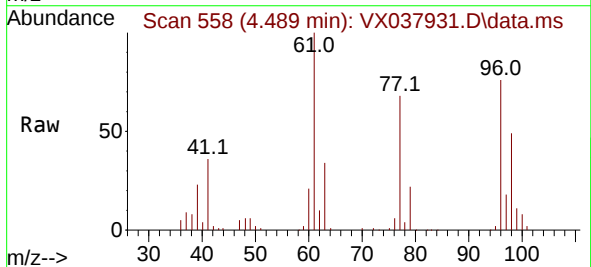
Manual Integrations
APPROVED

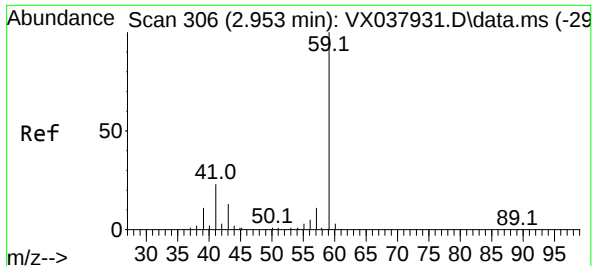
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#22
cis-1,2-Dichloroethene
Concen: 19.547 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 96 Resp: 61530
Ion Ratio Lower Upper
96 100
61 137.4 114.0 171.0
98 64.8 51.6 77.4





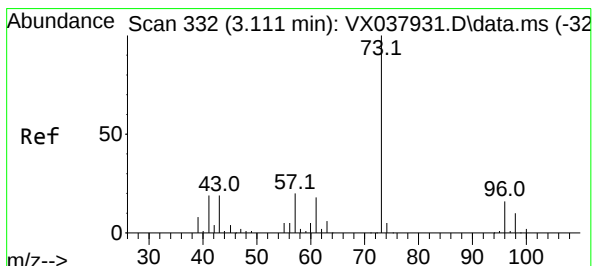
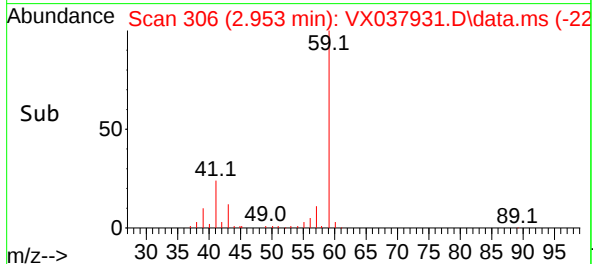
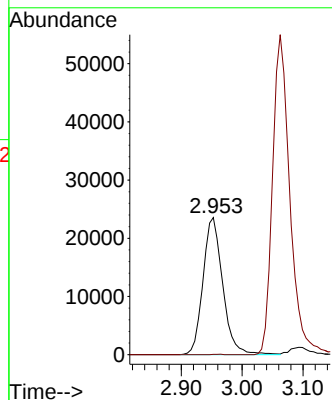
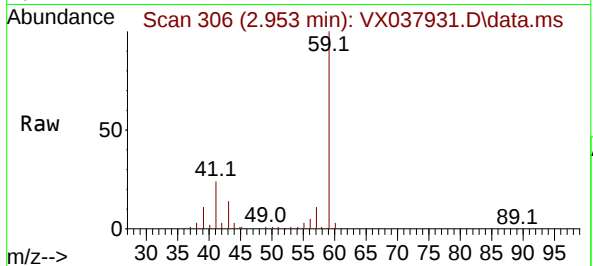
#23
tert-Butyl Alcohol
Concen: 96.252 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 52998
Ion Ratio Lower Upper
59 100
52 0.2 142.6 213.8

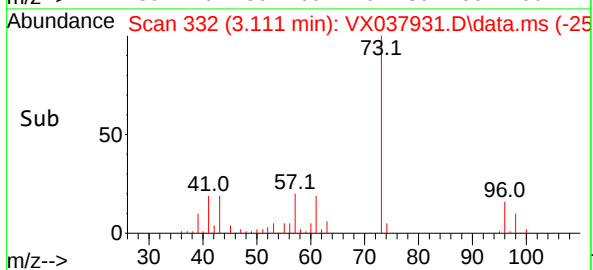
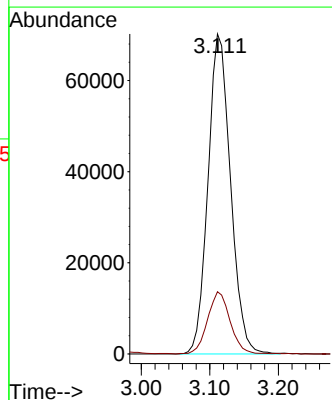
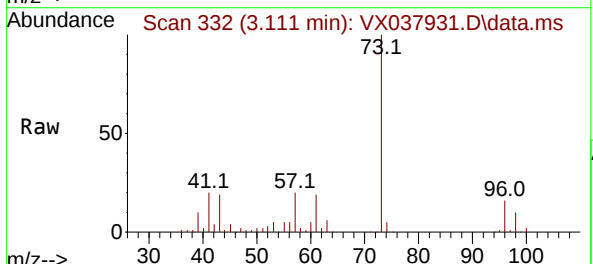
Manual Integrations
APPROVED

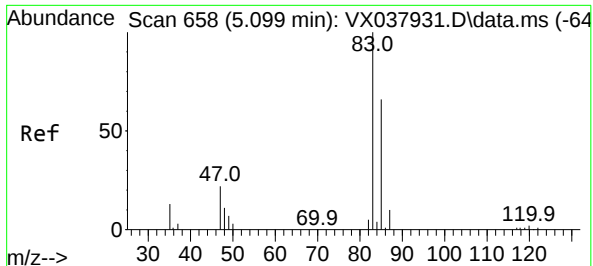
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 19.727 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 73 Resp: 160612
Ion Ratio Lower Upper
73 100
43 19.0 16.8 25.2





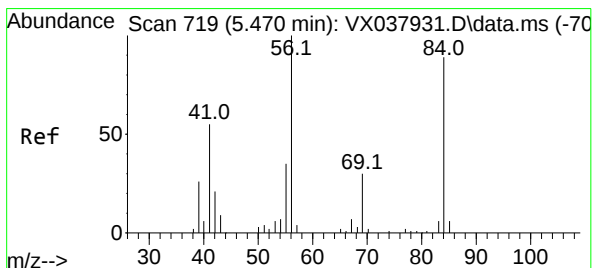
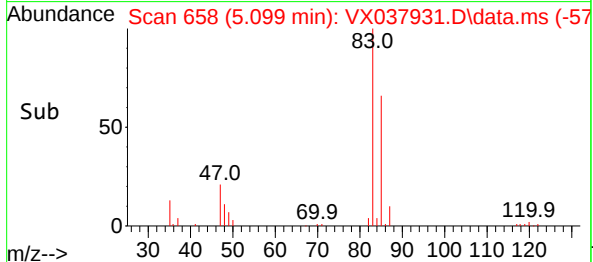
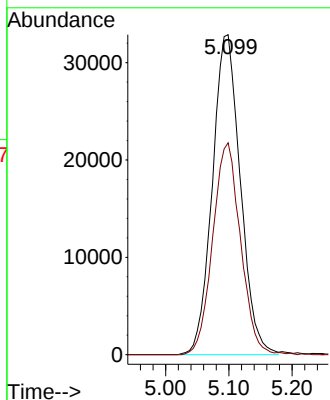
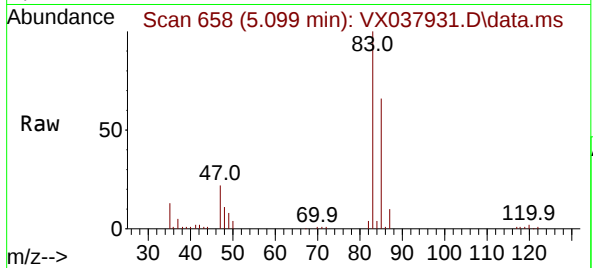
#25
Chloroform
Concen: 19.761 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 100940
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3

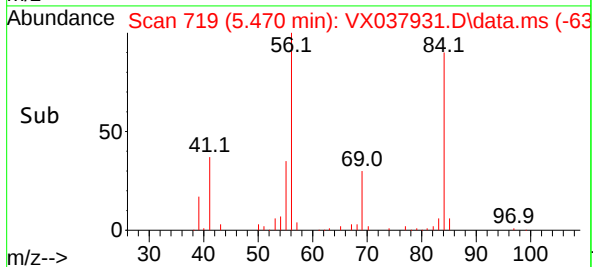
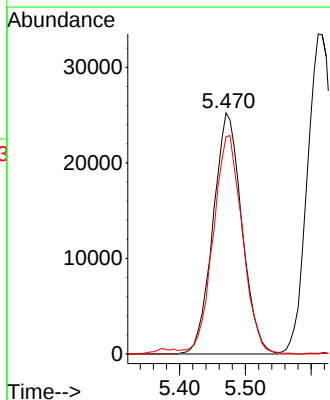
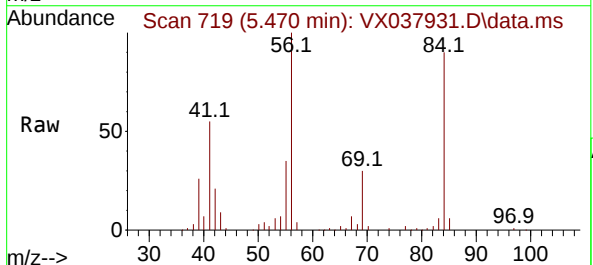
Manual Integrations
APPROVED

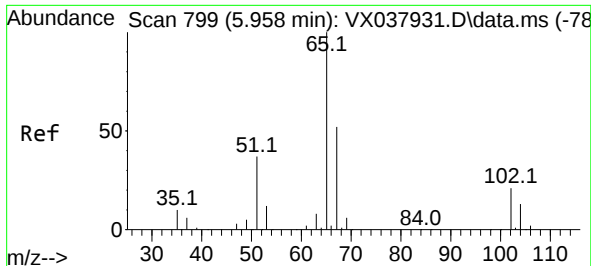
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#26
Cyclohexane
Concen: 19.435 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

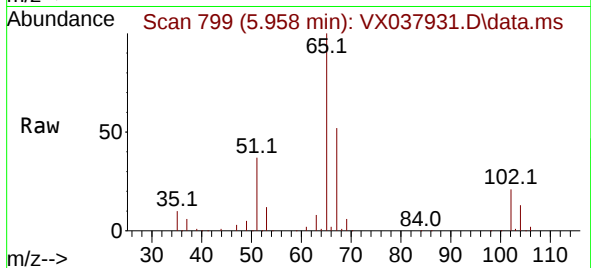
Tgt Ion: 56 Resp: 76826
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.2 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 29.631 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

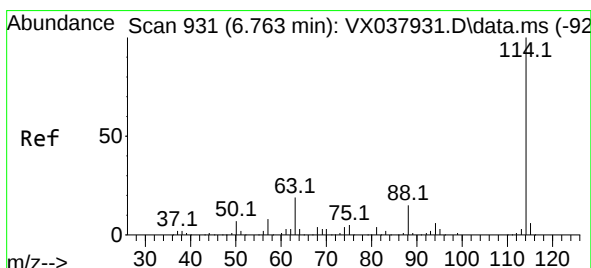
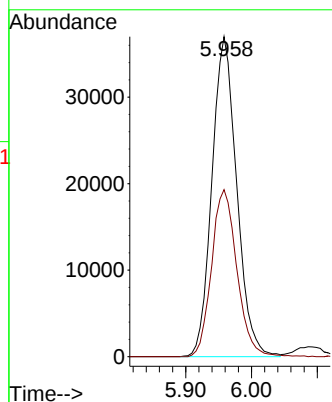
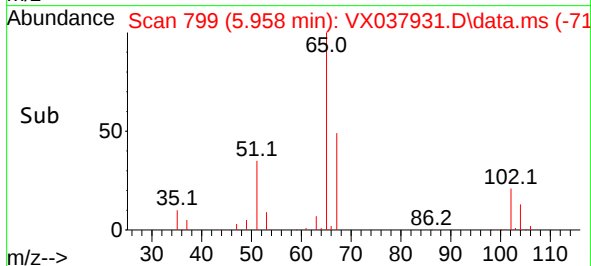
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



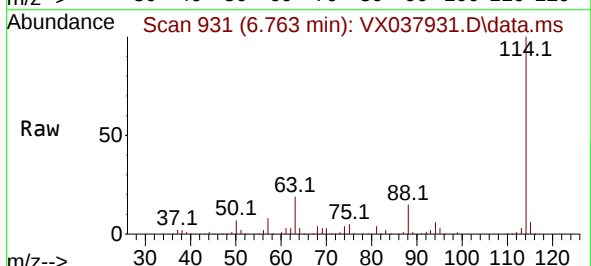
Tgt Ion: 65 Resp: 97039
Ion Ratio Lower Upper
65 100
67 53.3 42.1 63.1

Manual Integrations
APPROVED

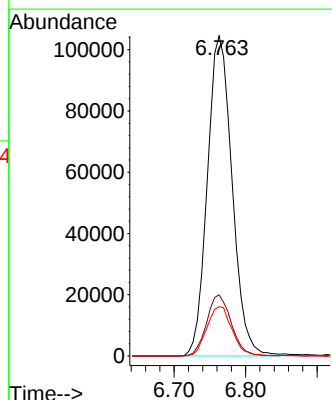
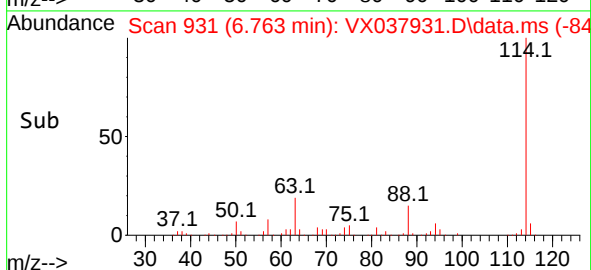
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

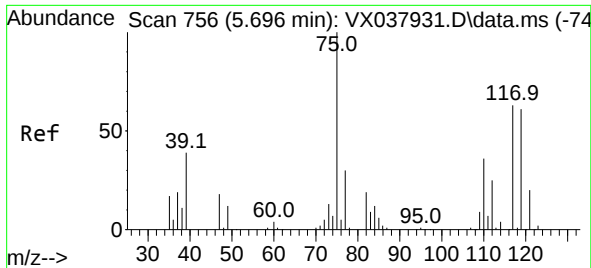


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27



Tgt Ion:114 Resp: 251746
Ion Ratio Lower Upper
114 100
63 19.0 16.6 24.8
88 15.7 12.9 19.3





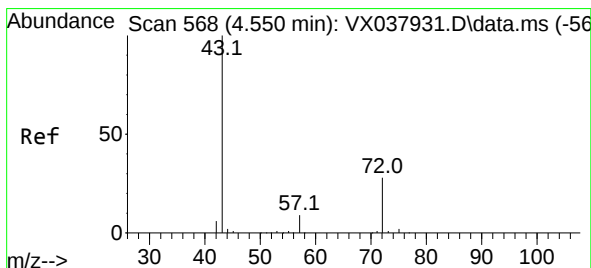
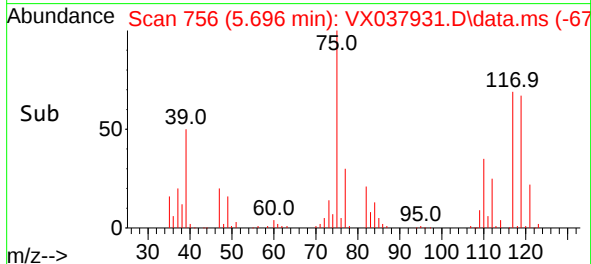
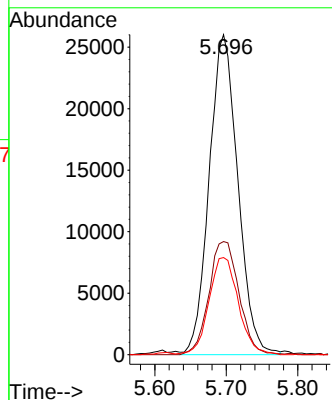
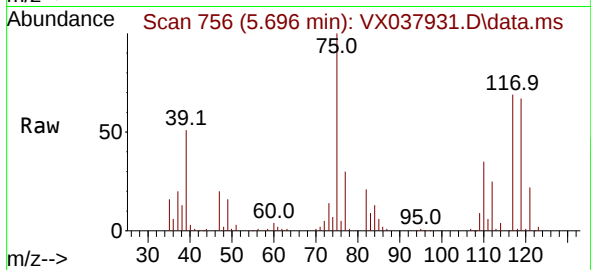
#29
1,1-Dichloropropene
Concen: 19.912 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 7246
Ion Ratio Lower Upper
75 100
110 37.0 0.0 70.4
77 31.2 0.0 62.8

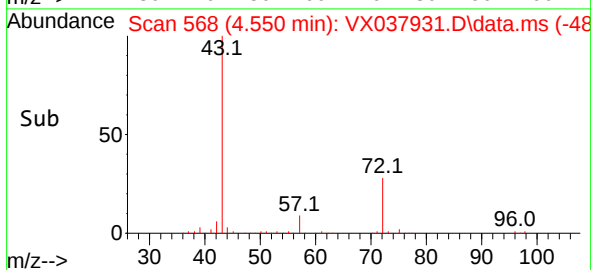
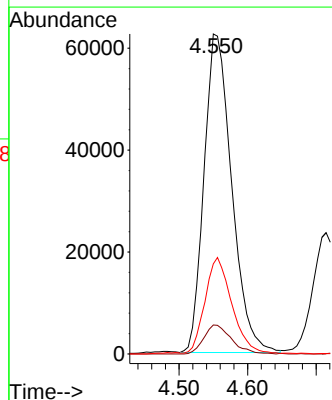
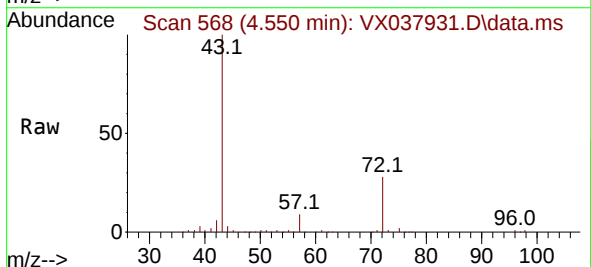
Manual Integrations
APPROVED

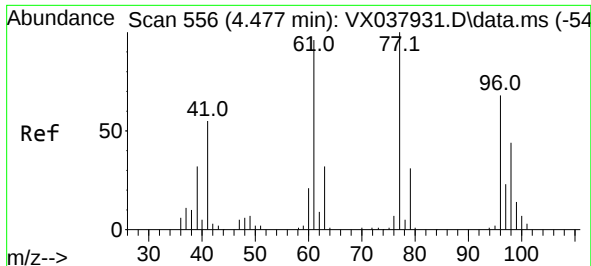
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#30
2-Butanone
Concen: 100.515 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 43 Resp: 175544
Ion Ratio Lower Upper
43 100
57 9.1 6.4 9.6
72 29.5 21.6 32.4





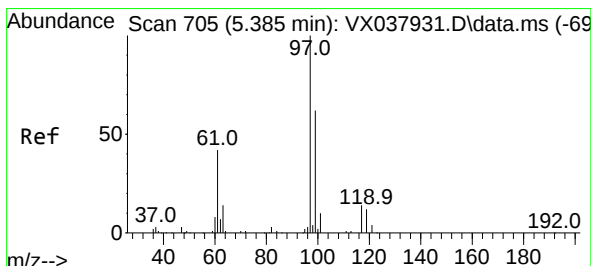
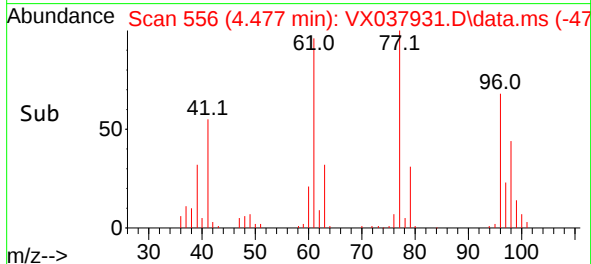
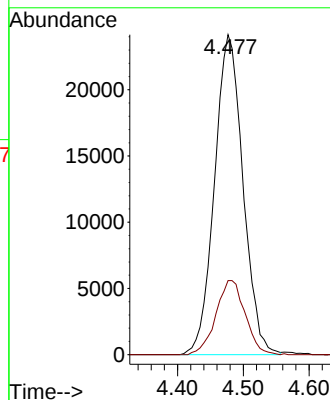
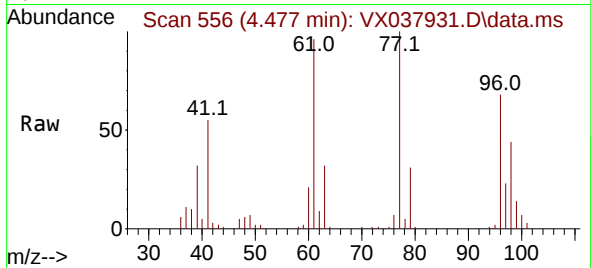
#31
2,2-Dichloropropane
Concen: 19.859 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 72800
Ion Ratio Lower Upper
77 100
97 23.8 18.6 27.8

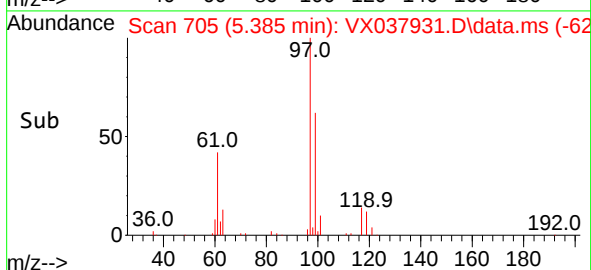
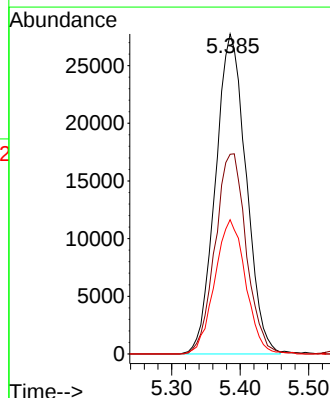
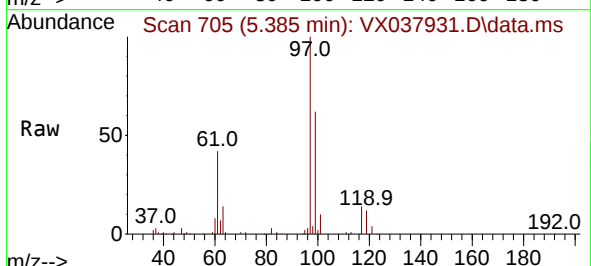
Manual Integrations
APPROVED

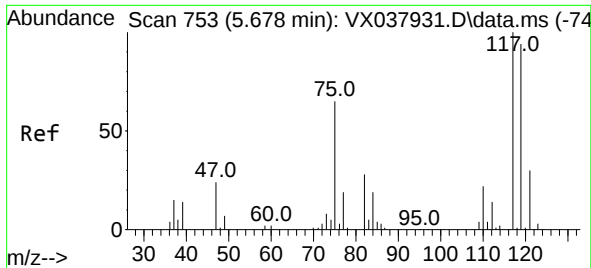
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 19.762 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

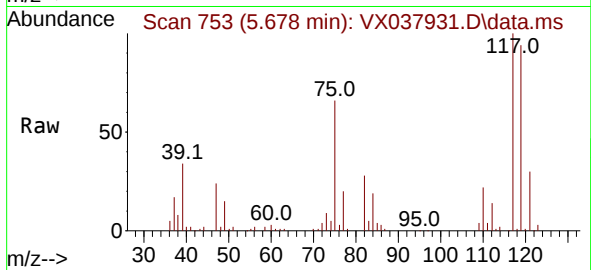
Tgt Ion: 97 Resp: 86172
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 42.2 35.8 53.8





#33
Carbon Tetrachloride
Concen: 19.483 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

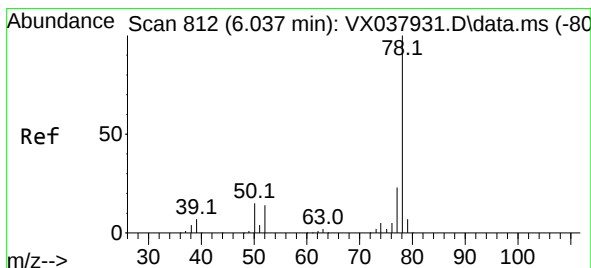
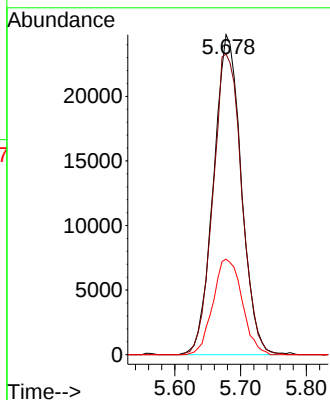
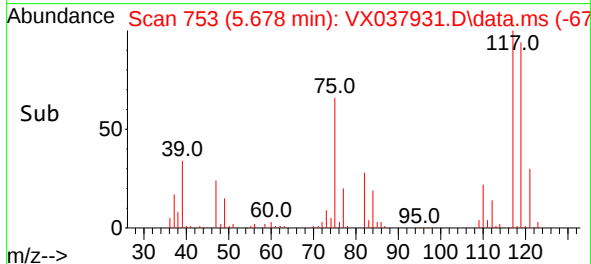
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 7272
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0
121 29.9 26.5 39.7

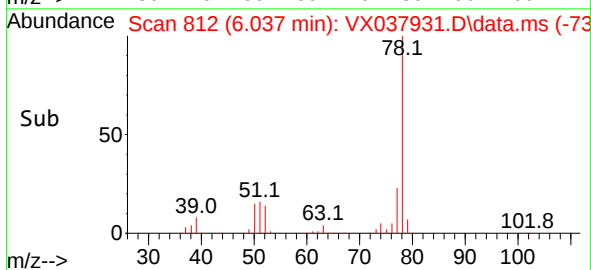
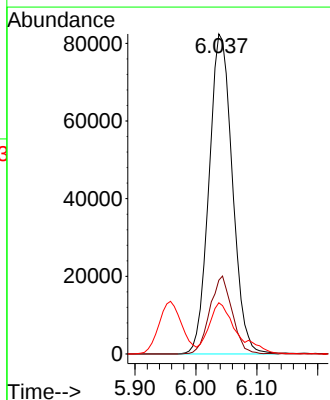
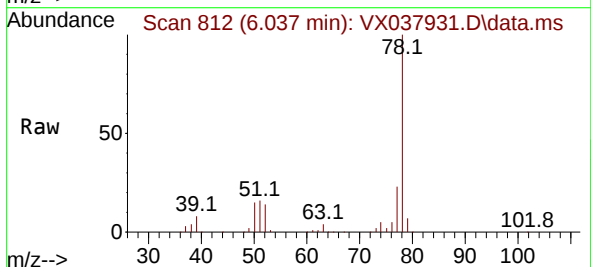
Manual Integrations
APPROVED

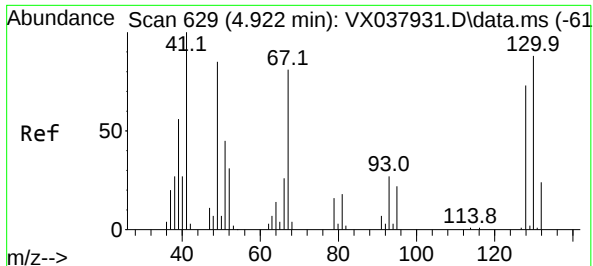
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#34
Benzene
Concen: 20.204 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

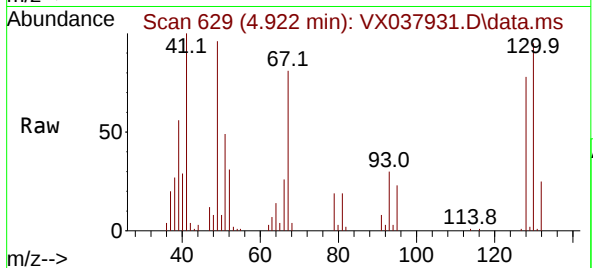
Tgt Ion: 78 Resp: 219633
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1
51 15.7 14.2 21.4





#35
Methacrylonitrile
Concen: 19.238 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

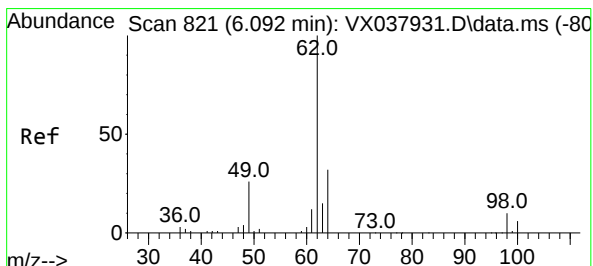
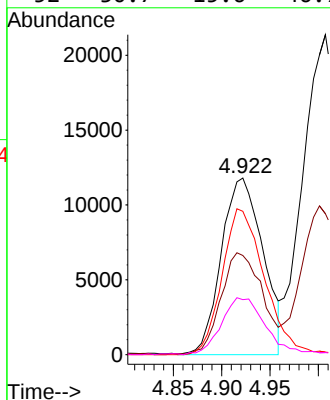
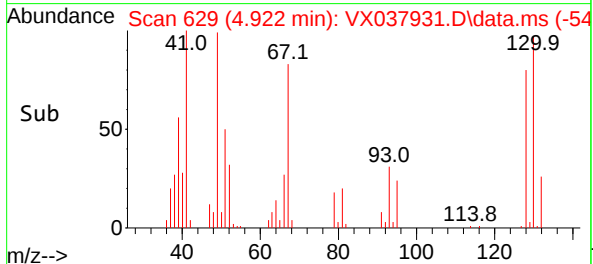
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 35324
Ion Ratio Lower Upper
41 100
39 55.5 28.2 84.7
67 81.2 35.0 105.1
52 30.7 15.6 46.7

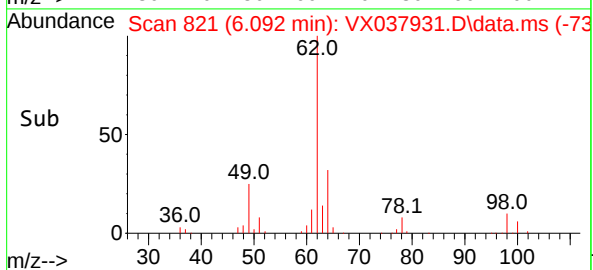
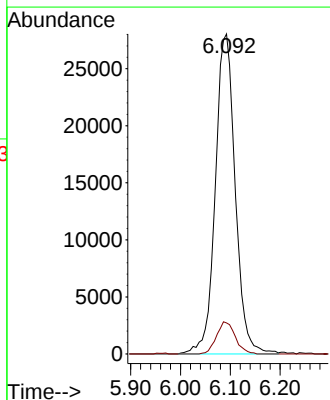
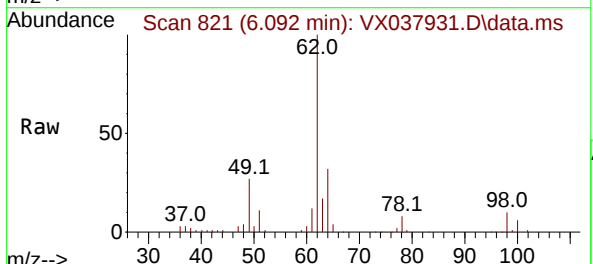
Manual Integrations
APPROVED

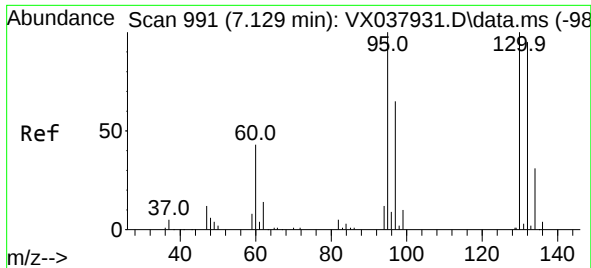
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#36
1,2-Dichloroethane
Concen: 20.239 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

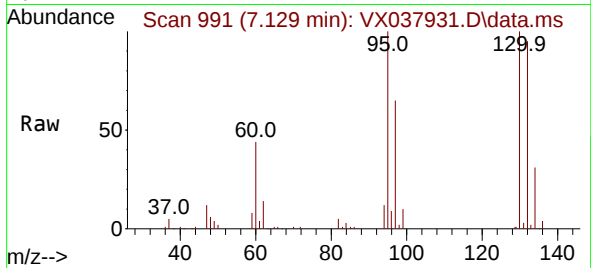
Tgt Ion: 62 Resp: 77830
Ion Ratio Lower Upper
62 100
98 9.5 7.0 10.6





#37
Trichloroethene
Concen: 19.933 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

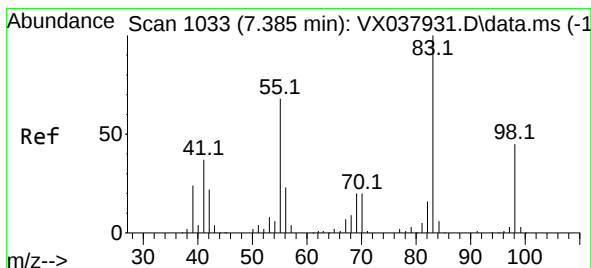
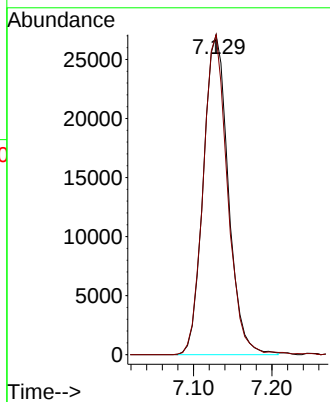
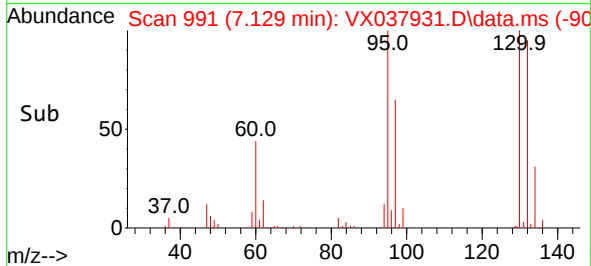
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



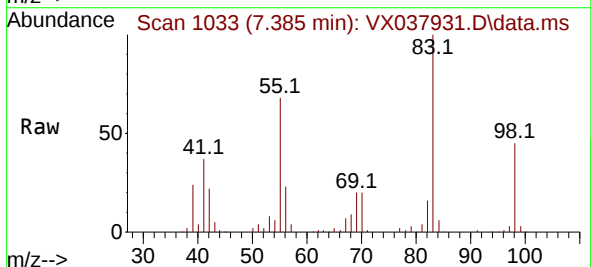
Tgt Ion:130 Resp: 59780
Ion Ratio Lower Upper
130 100
95 99.7 83.2 124.8

Manual Integrations
APPROVED

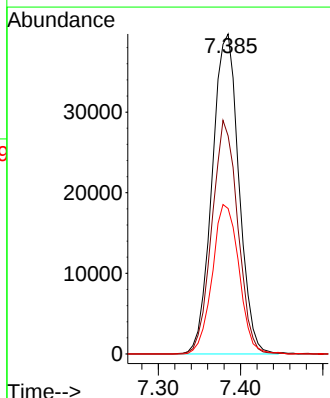
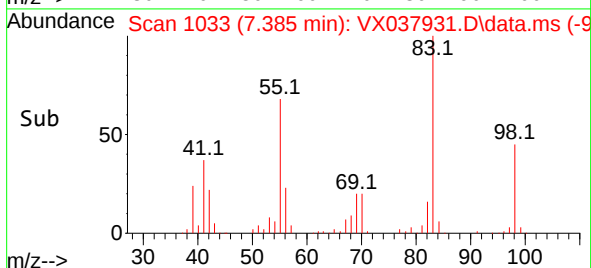
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

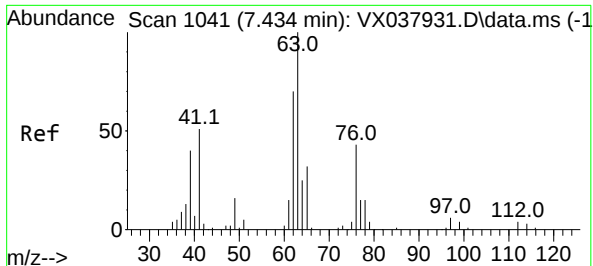


#38
Methylcyclohexane
Concen: 19.602 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27



Tgt Ion: 83 Resp: 89663
Ion Ratio Lower Upper
83 100
55 70.6 38.1 114.5
98 46.8 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.939 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 5545

Ion Ratio Lower Upper

63 100

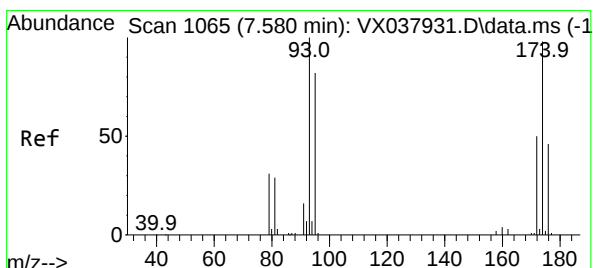
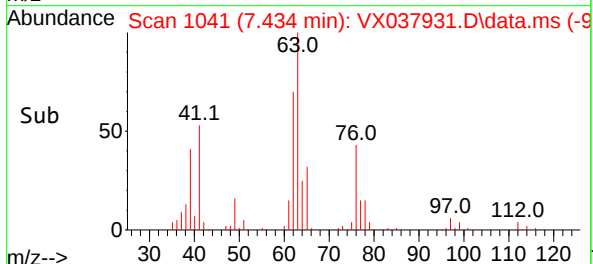
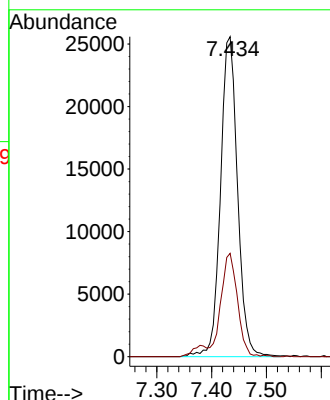
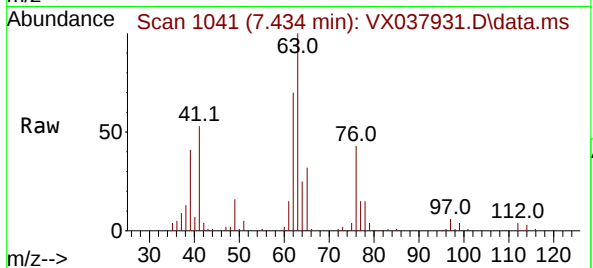
65 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#40

Dibromomethane

Concen: 19.666 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

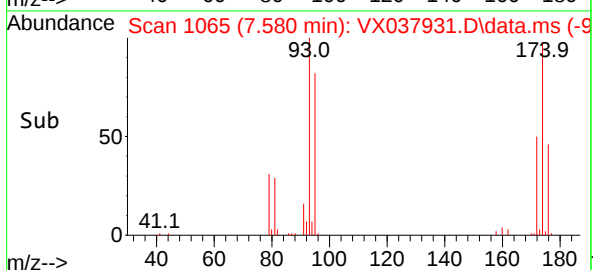
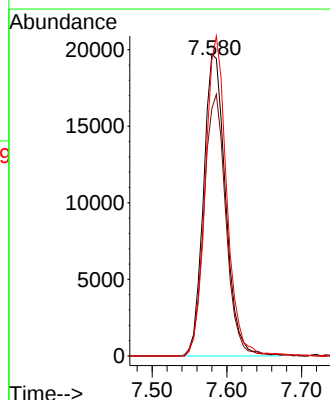
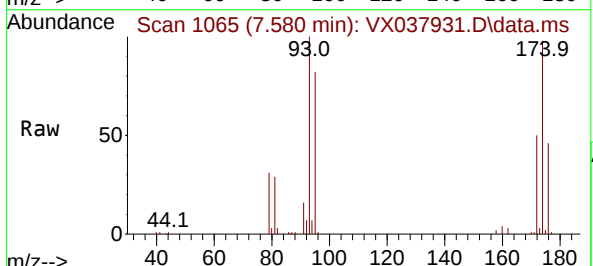
Tgt Ion: 93 Resp: 40359

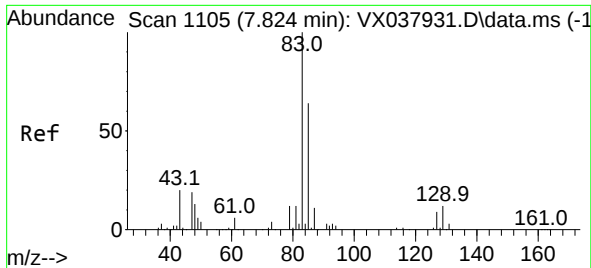
Ion Ratio Lower Upper

93 100

95 85.6 0.0 166.8

174 101.9 0.0 191.6





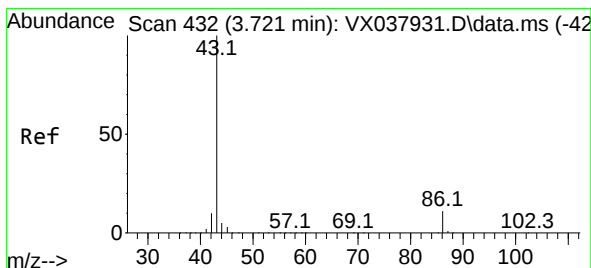
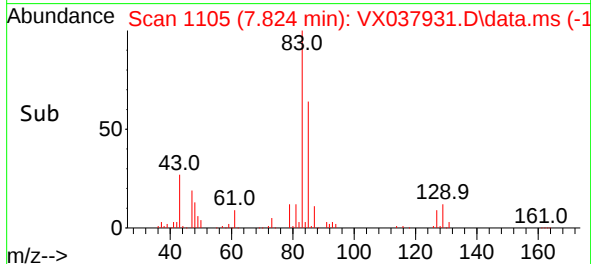
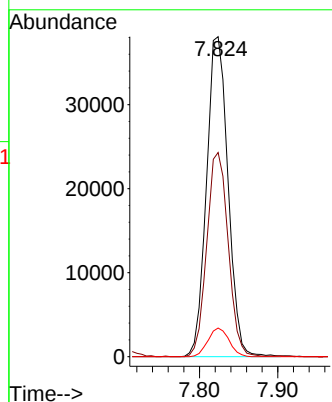
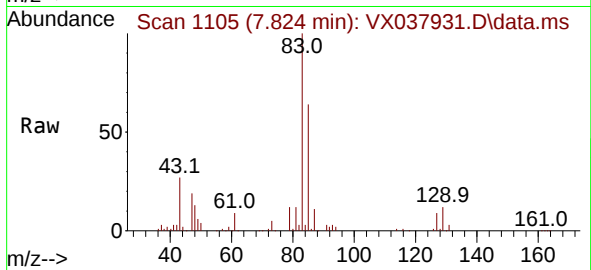
#41
Bromodichloromethane
Concen: 19.394 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 72664
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3
127 9.0 6.4 9.6

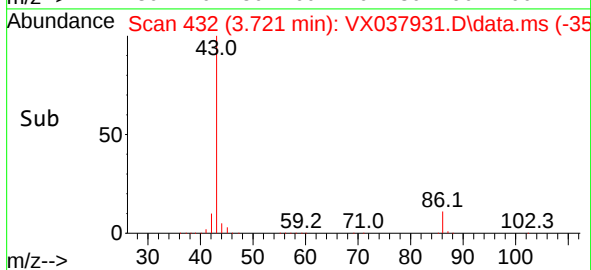
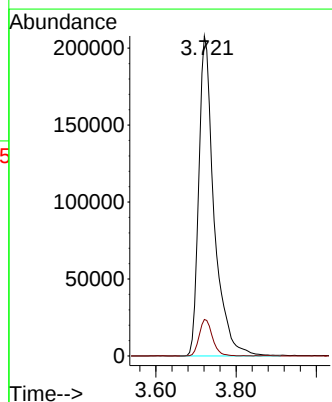
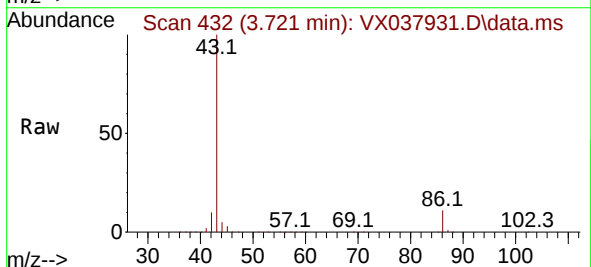
Manual Integrations
APPROVED

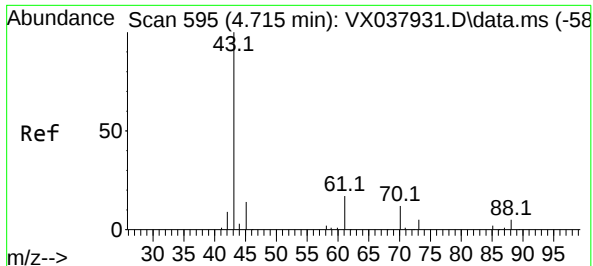
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#42
Vinyl Acetate
Concen: 100.184 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 43 Resp: 551560
Ion Ratio Lower Upper
43 100
86 9.9 7.4 11.0





#43

Ethyl Acetate

Concen: 19.421 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 6705

Ion Ratio Lower Upper

43 100

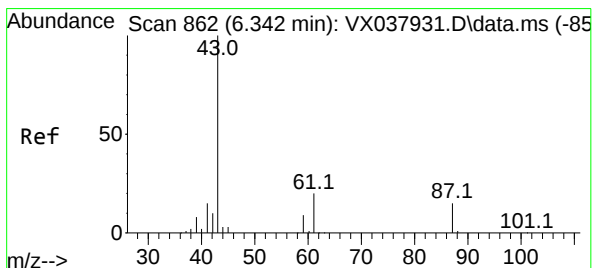
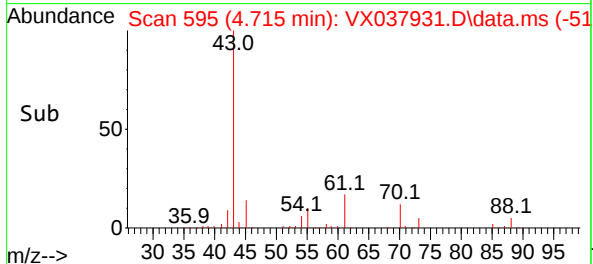
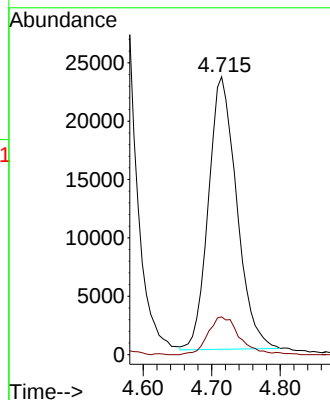
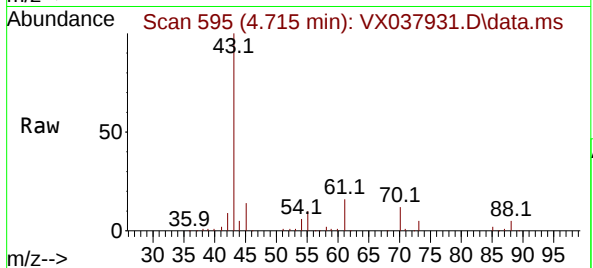
45 15.2 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#44

Isopropyl Acetate

Concen: 19.574 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037931.D

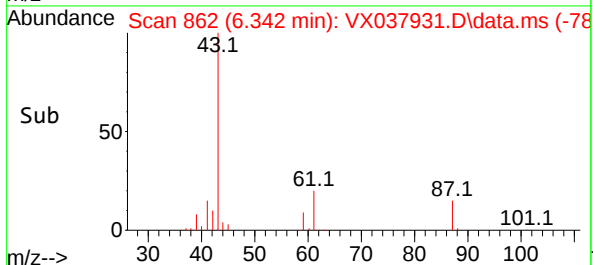
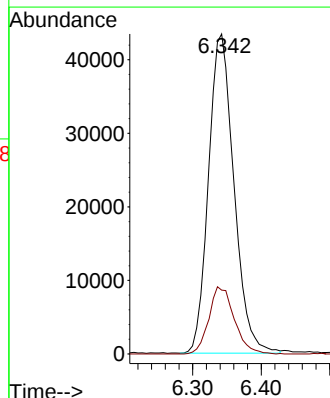
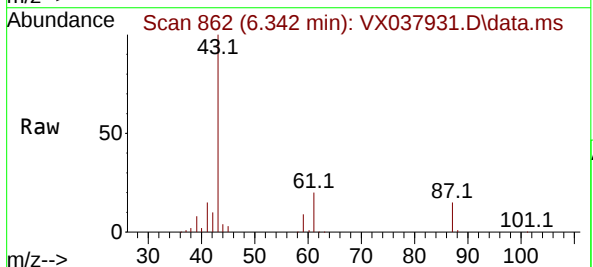
Acq: 27 Sep 2023 18:27

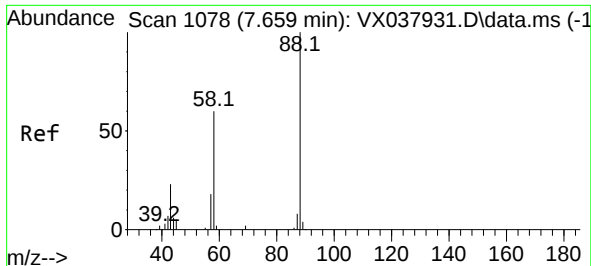
Tgt Ion: 43 Resp: 111803

Ion Ratio Lower Upper

43 100

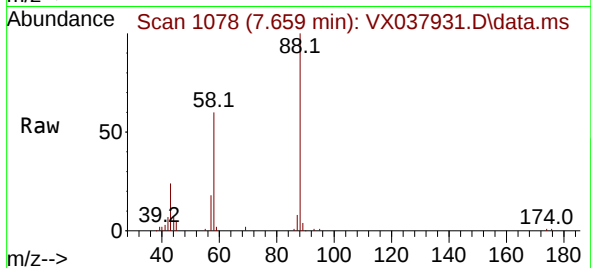
61 21.0 15.4 23.0





#45
1,4-Dioxane
Concen: 395.156 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

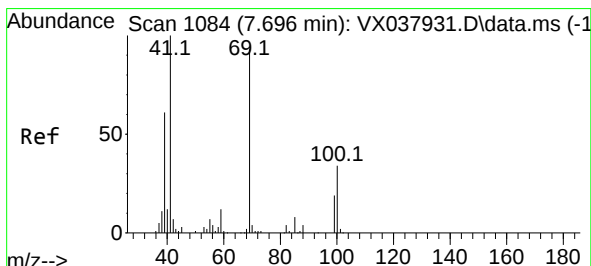
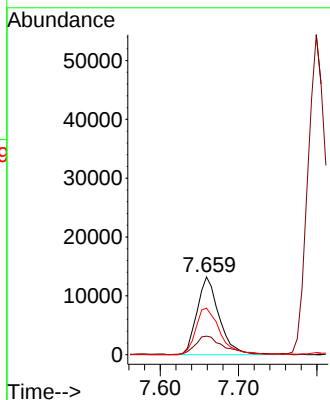
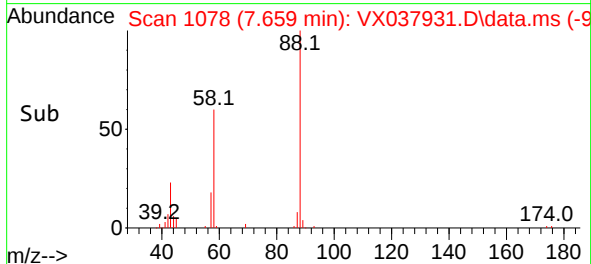
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 26009
Ion Ratio Lower Upper
88 100
43 30.2 297.5 446.3
58 65.2 1.0 1.4

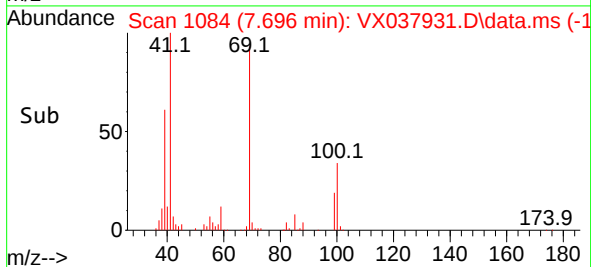
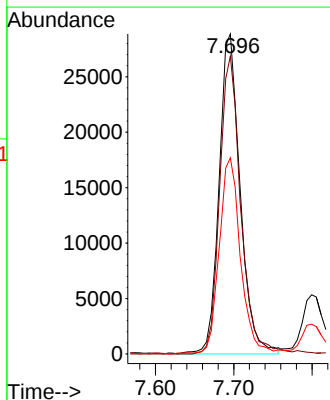
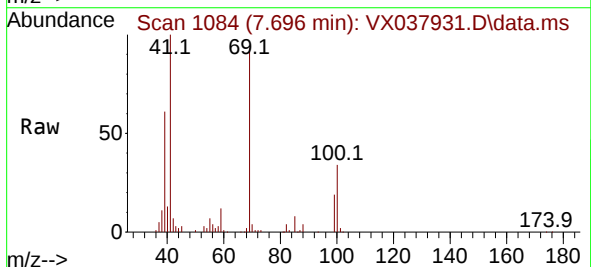
Manual Integrations
APPROVED

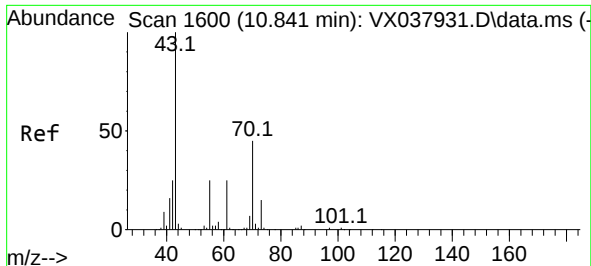
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#46
Methyl methacrylate
Concen: 19.915 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

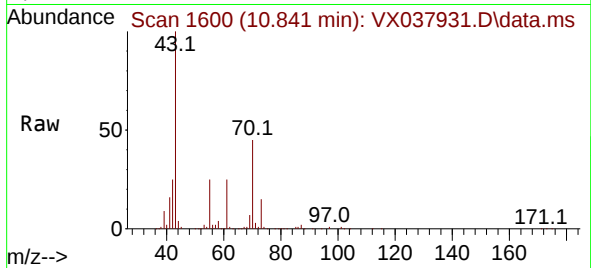
Tgt Ion: 41 Resp: 54072
Ion Ratio Lower Upper
41 100
69 93.1 44.4 133.1
39 61.0 34.9 104.7





#47
n-amy1 Acetate
Concen: 19.290 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

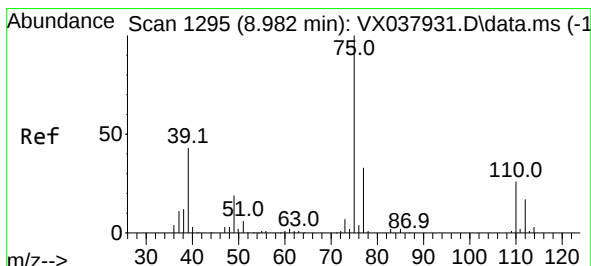
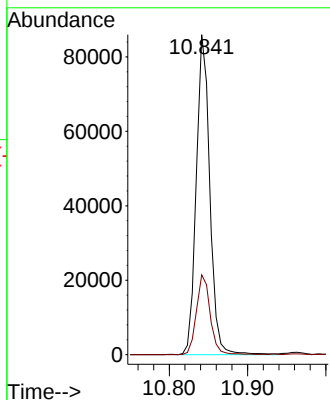
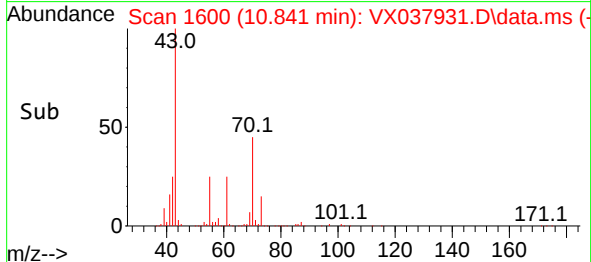
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 103660
Ion Ratio Lower Upper
43 100
55 25.4 18.6 28.0

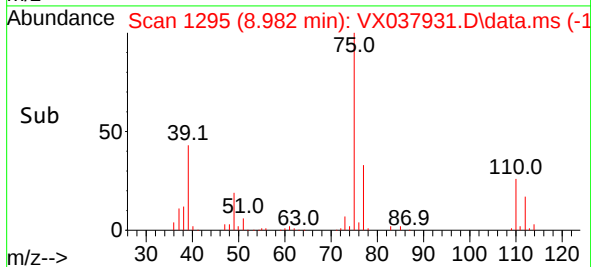
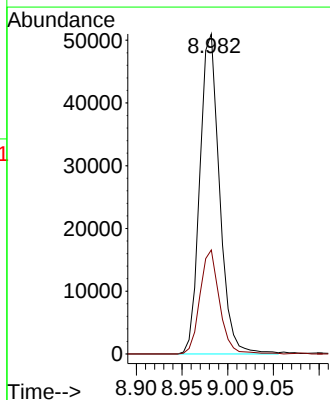
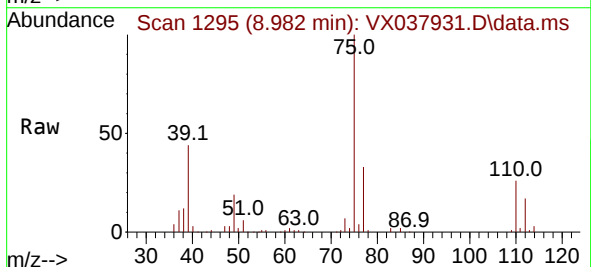
Manual Integrations
APPROVED

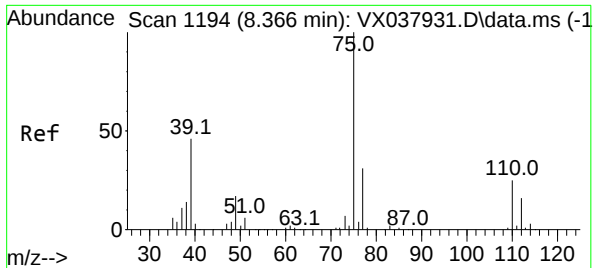
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#48
t-1,3-Dichloropropene
Concen: 18.782 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 75 Resp: 76446
Ion Ratio Lower Upper
75 100
77 32.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.318 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 8444

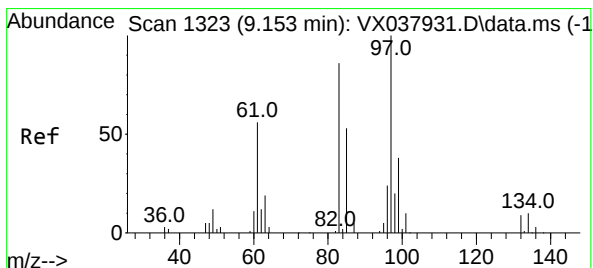
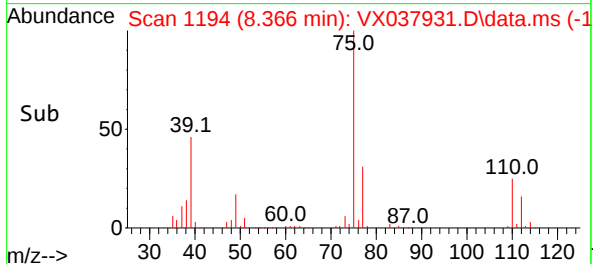
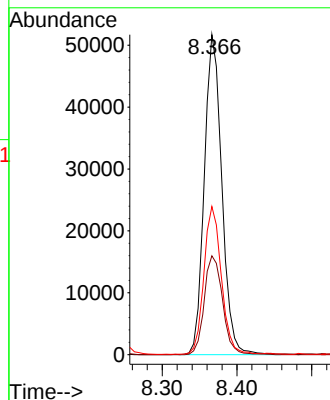
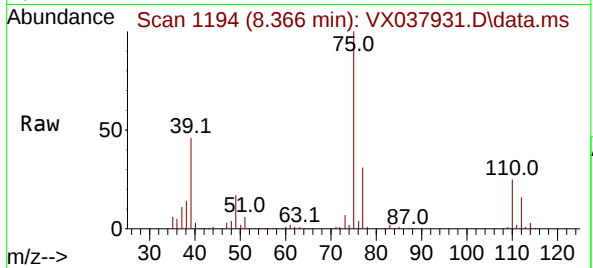
Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2
39	46.1	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#50

1,1,2-Trichloroethane

Concen: 19.585 ug/l

RT: 9.153 min Scan# 1323

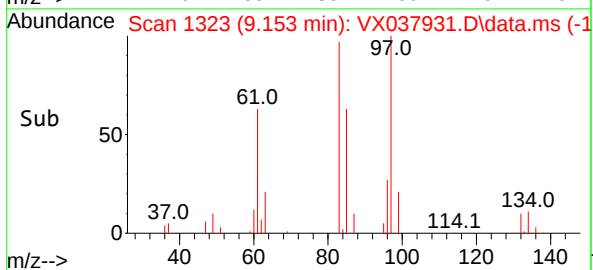
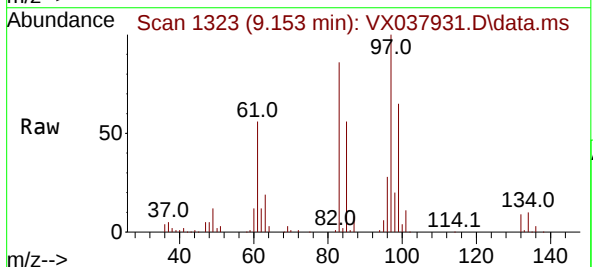
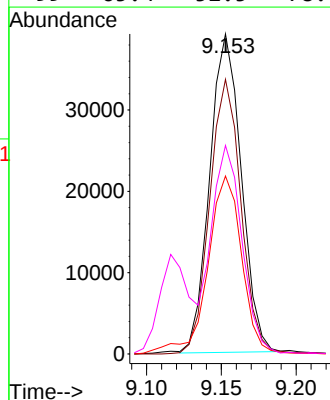
Delta R.T. 0.000 min

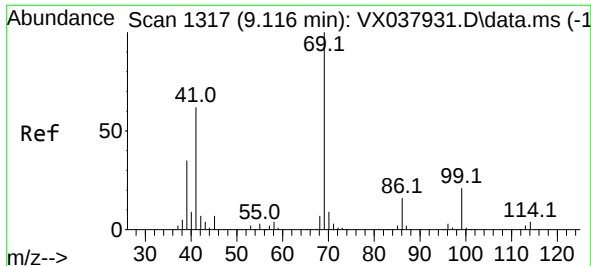
Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Tgt Ion: 97 Resp: 57437

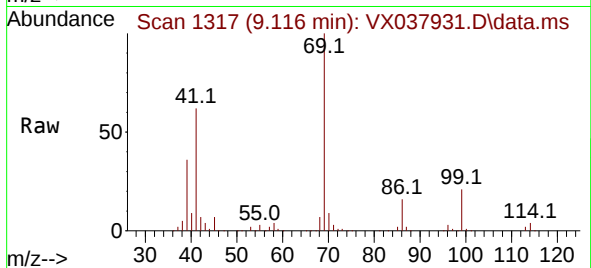
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.0	105.0
85	55.5	46.1	69.1
99	65.4	52.5	78.7





#51
Ethyl methacrylate
Concen: 19.237 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

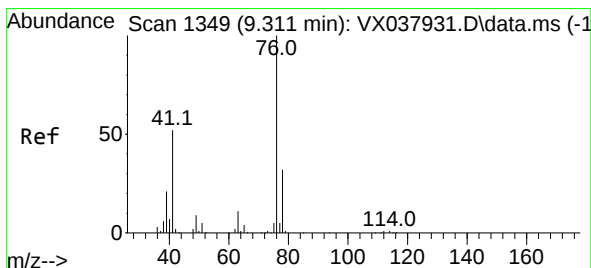
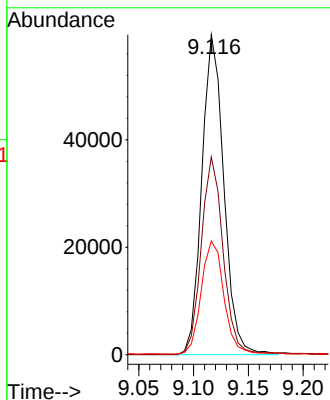
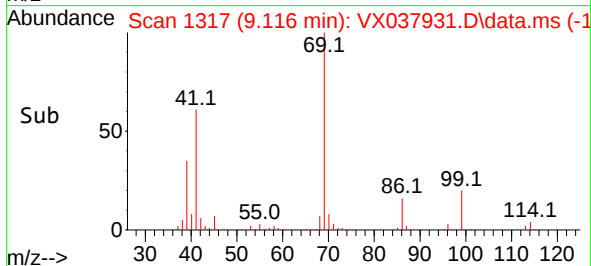
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 83128
Ion Ratio Lower Upper
69 100
41 61.6 32.0 96.0
39 35.4 19.4 58.4

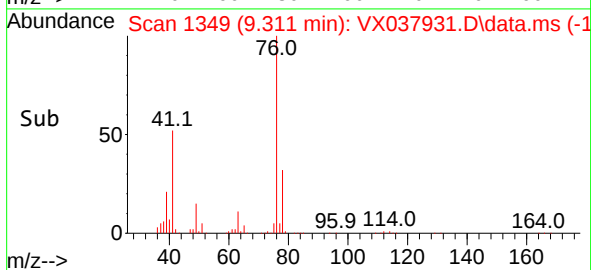
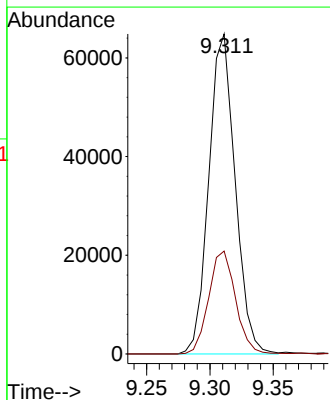
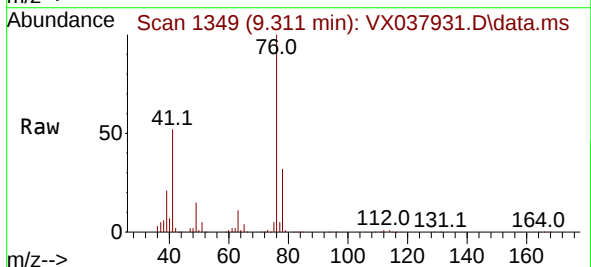
Manual Integrations
APPROVED

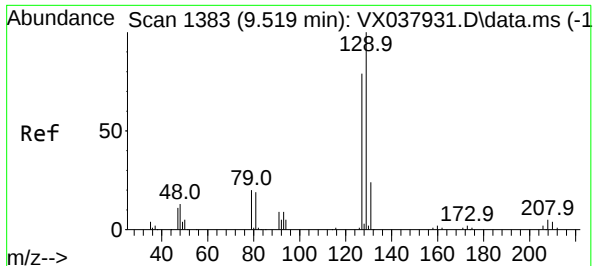
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#52
1,3-Dichloropropane
Concen: 19.962 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

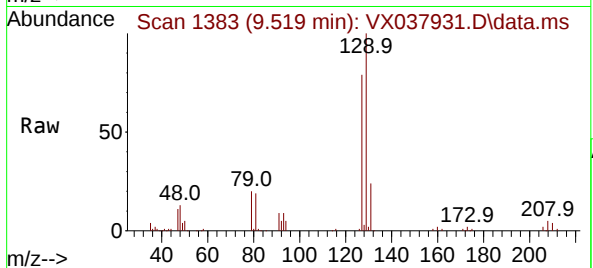
Tgt Ion: 76 Resp: 93911
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.6





#53
Dibromochloromethane
Concen: 18.942 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

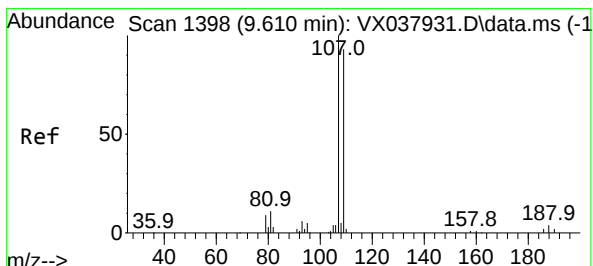
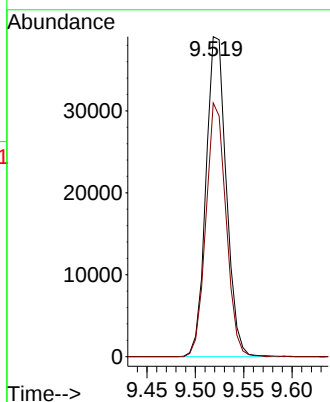
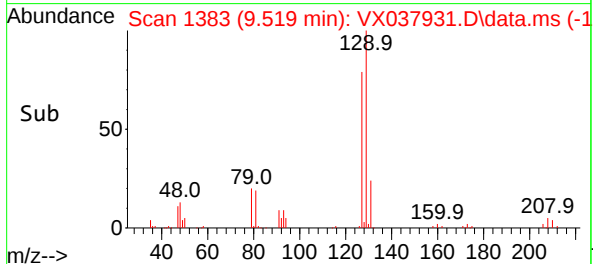
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 57252
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

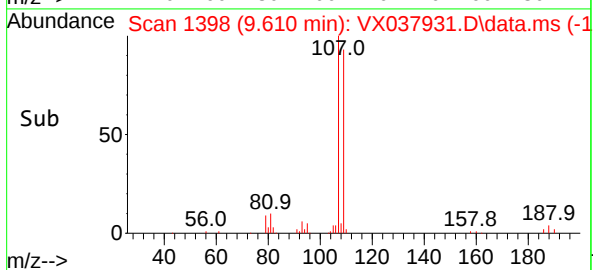
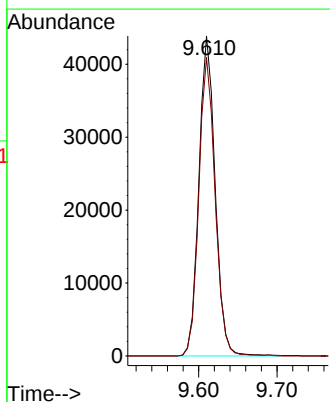
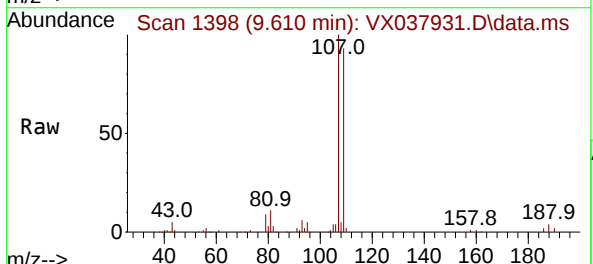
Manual Integrations
APPROVED

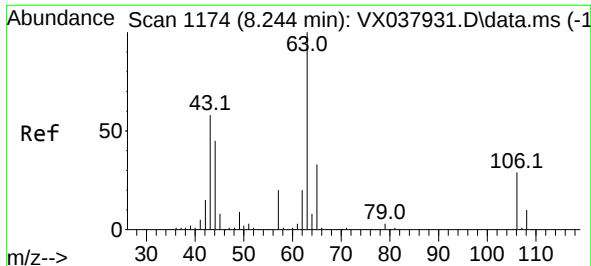
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#54
1,2-Dibromoethane
Concen: 19.882 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

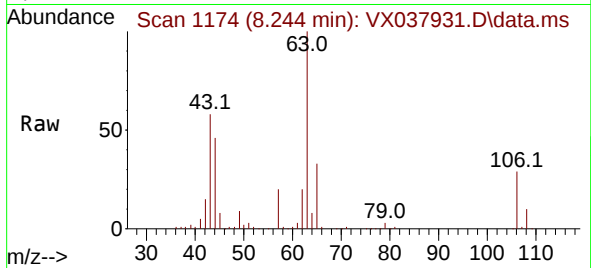
Tgt Ion:107 Resp: 63273
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 97.409 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

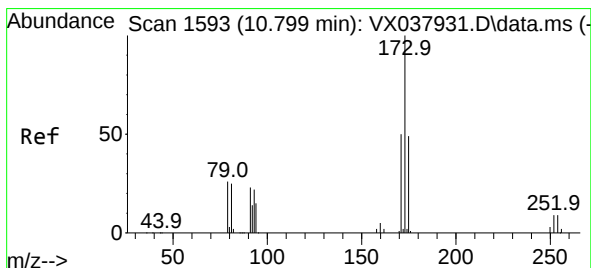
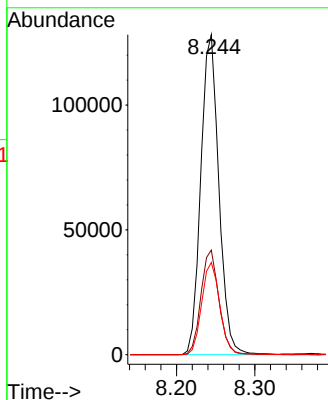
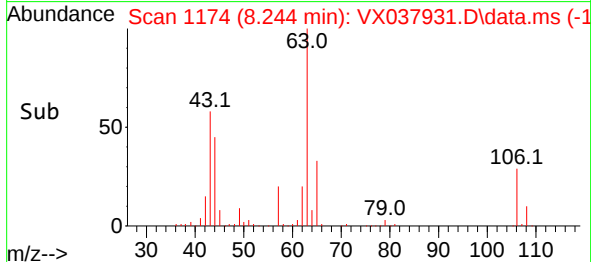
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 205188
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 28.9 21.8 32.8

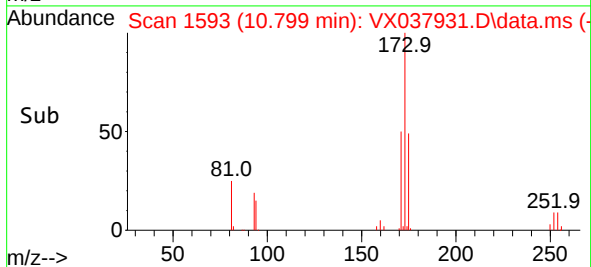
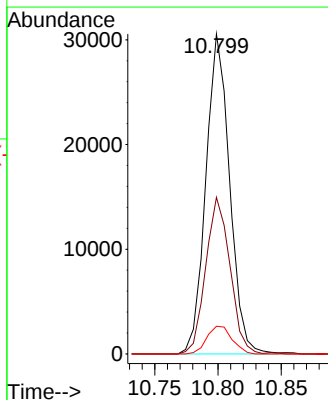
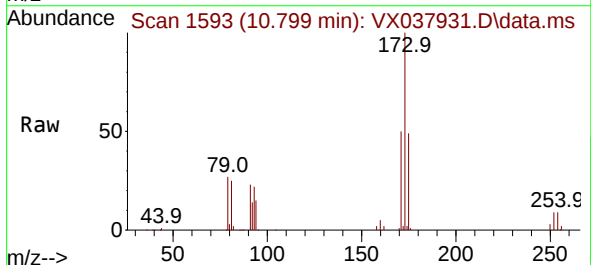
Manual Integrations
APPROVED

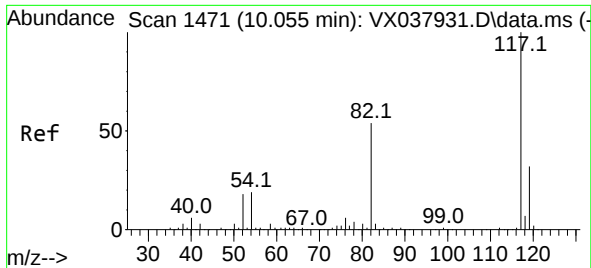
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#56
Bromoform
Concen: 17.572 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

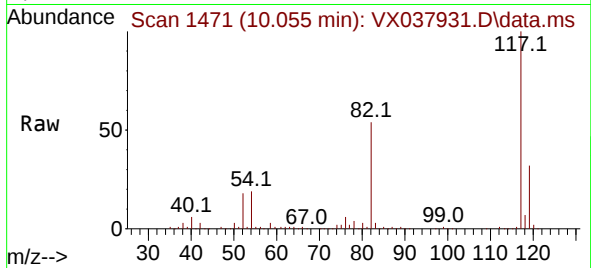
Tgt Ion:173 Resp: 39946
Ion Ratio Lower Upper
173 100
175 49.8 38.1 57.1
254 9.2 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

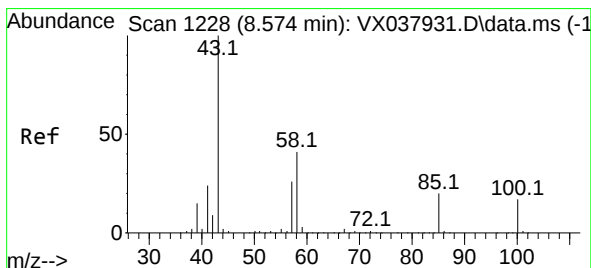
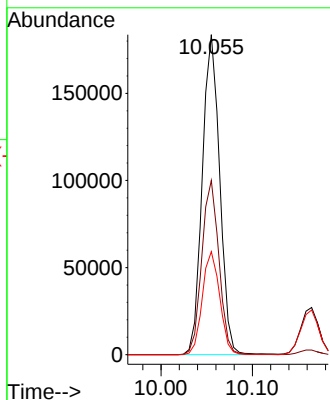
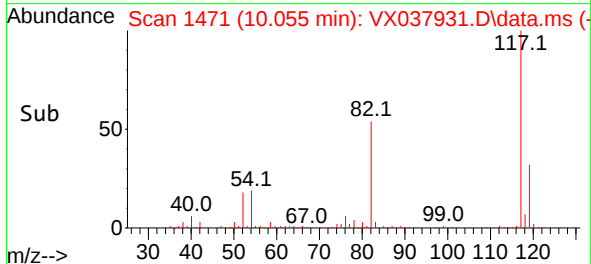
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 24295
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 32.2 25.6 38.4

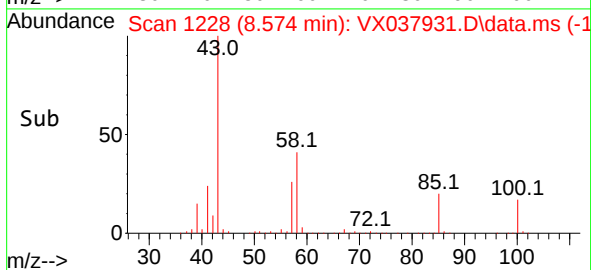
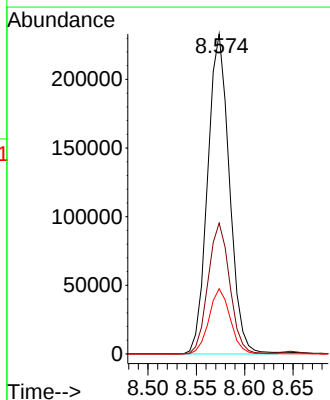
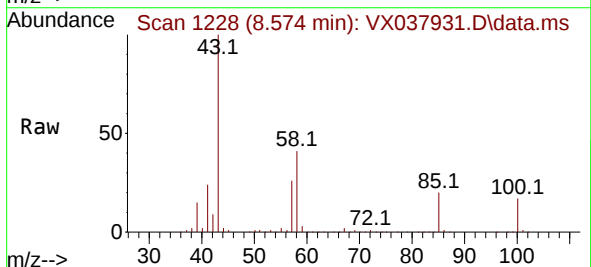
Manual Integrations
APPROVED

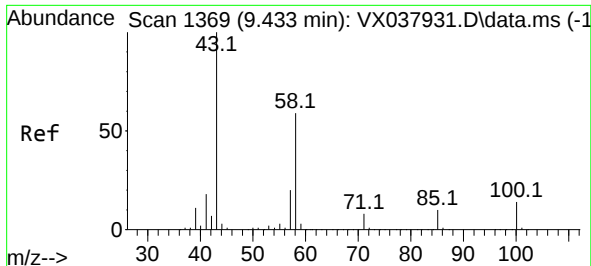
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#58
4-Methyl-2-Pentanone
Concen: 102.407 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 43 Resp: 364210
Ion Ratio Lower Upper
43 100
58 40.7 30.9 46.3
85 19.9 14.4 21.6





#59

2-Hexanone

Concen: 100.443 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 27128

Ion Ratio Lower Upper

43 100

58 57.5 43.4 65.2

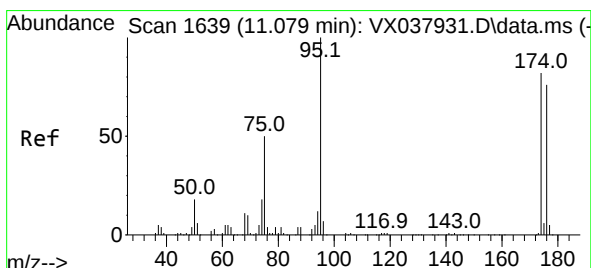
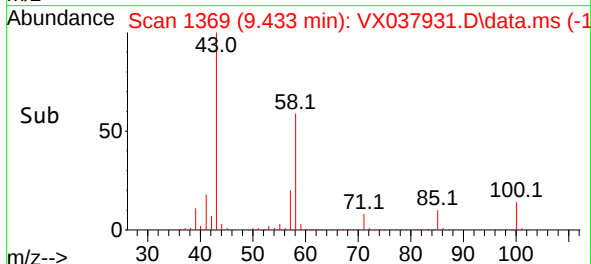
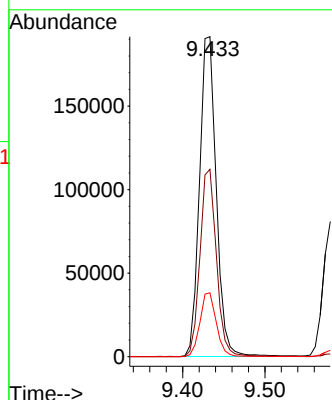
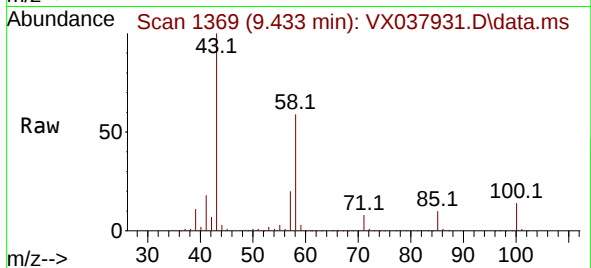
57 19.6 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#60

4-Bromofluorobenzene

Concen: 29.043 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

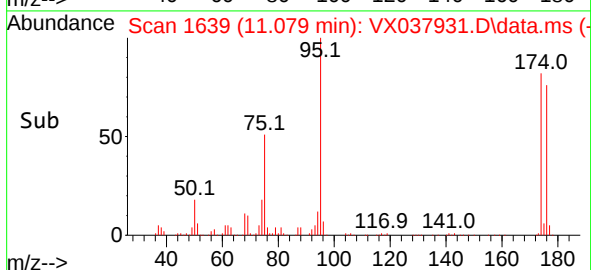
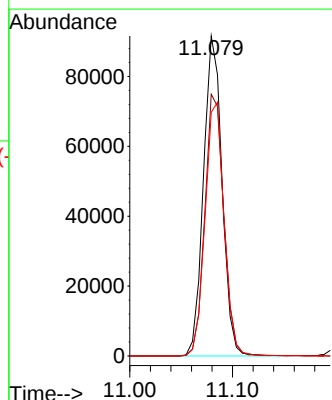
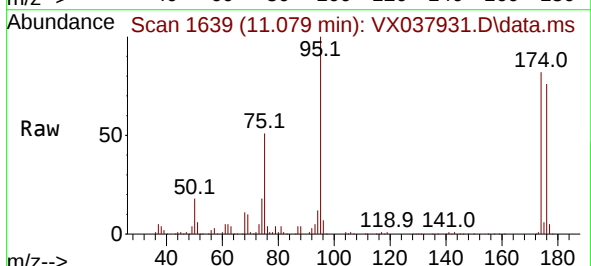
Tgt Ion: 95 Resp: 115026

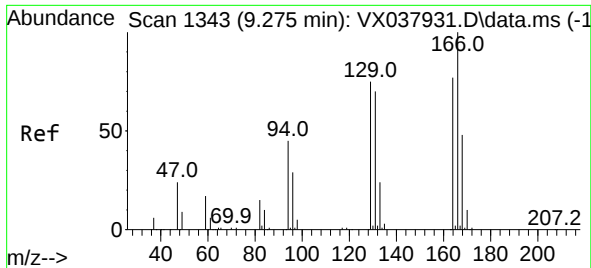
Ion Ratio Lower Upper

95 100

174 83.6 60.5 90.7

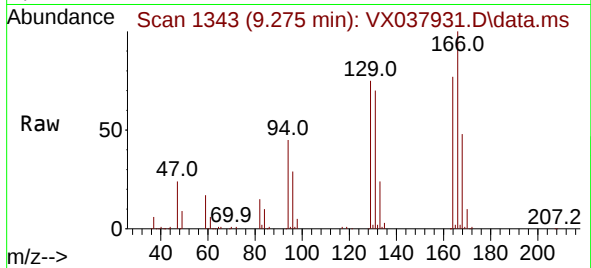
176 81.4 58.2 87.4





#61
Tetrachloroethene
Concen: 19.762 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

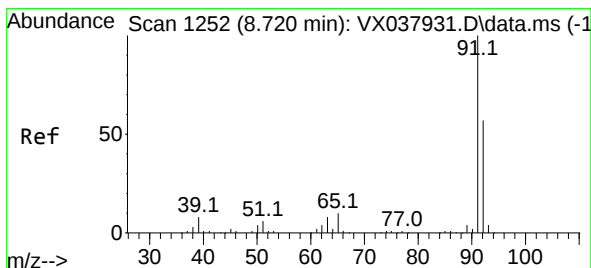
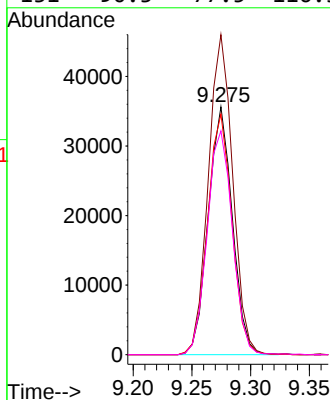
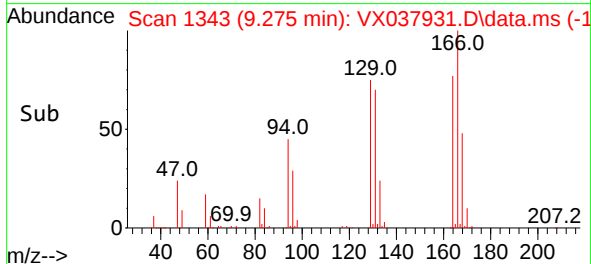
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 5109
Ion Ratio Lower Upper
164 100
166 129.1 104.5 156.7
129 97.0 78.0 117.0
131 90.3 77.5 116.3

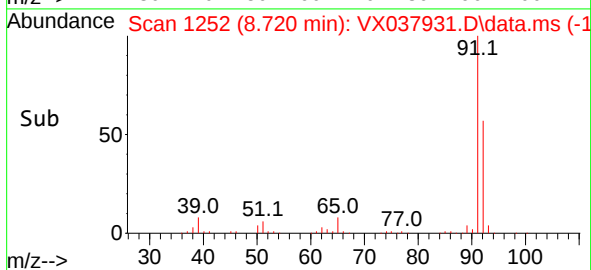
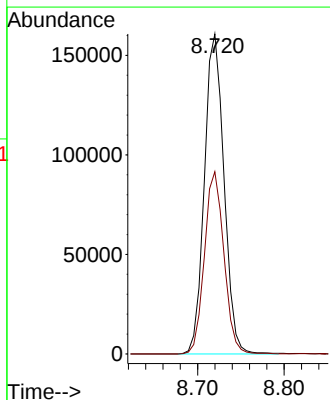
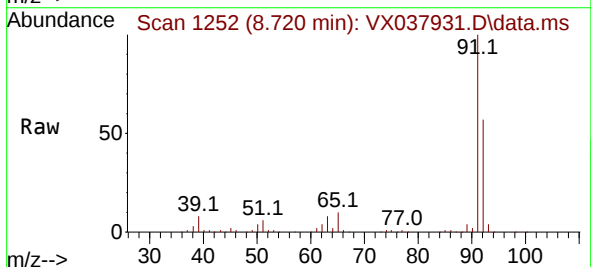
Manual Integrations
APPROVED

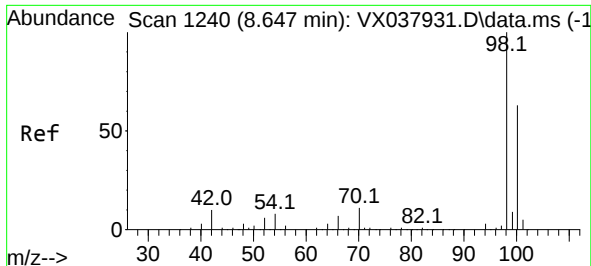
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#62
Toluene
Concen: 20.065 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

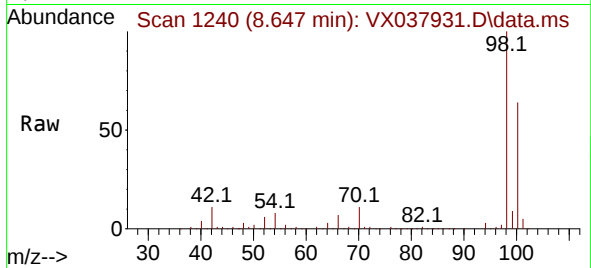
Tgt Ion: 91 Resp: 252867
Ion Ratio Lower Upper
91 100
92 56.5 44.9 67.3





#63
Toluene-d8
Concen: 30.270 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

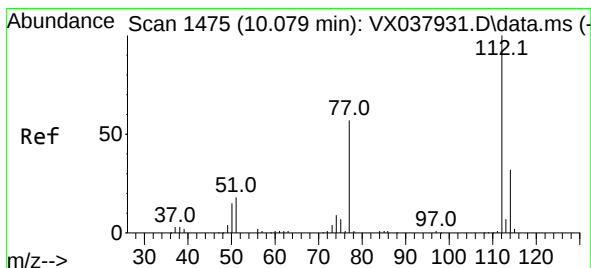
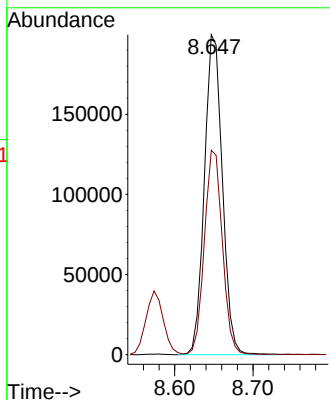
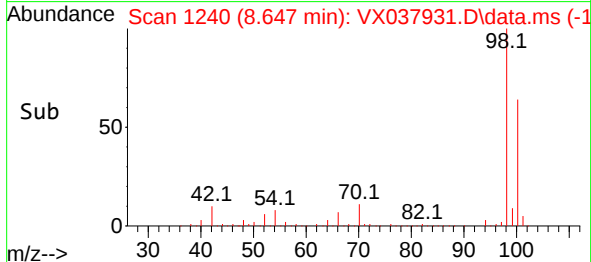
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



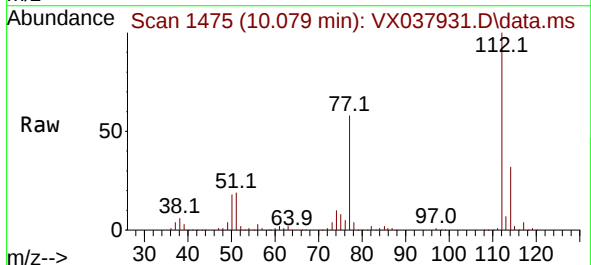
Tgt Ion: 98 Resp: 31746
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

Manual Integrations
APPROVED

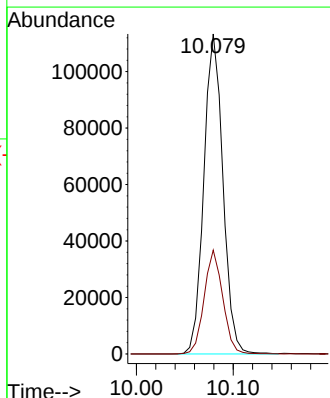
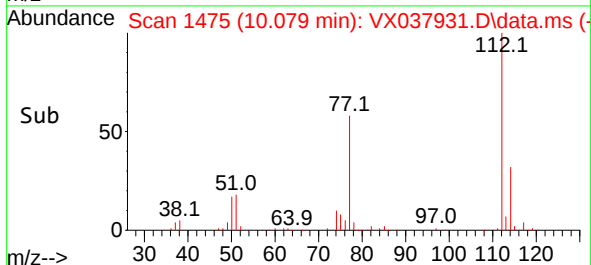
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

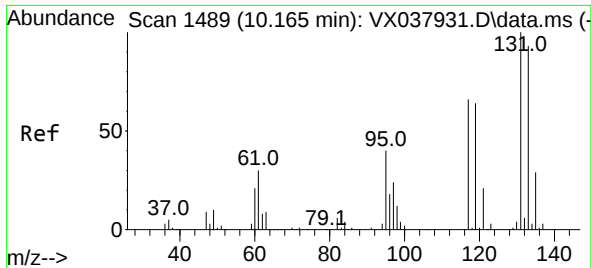


#64
Chlorobenzene
Concen: 19.834 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27



Tgt Ion:112 Resp: 155928
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





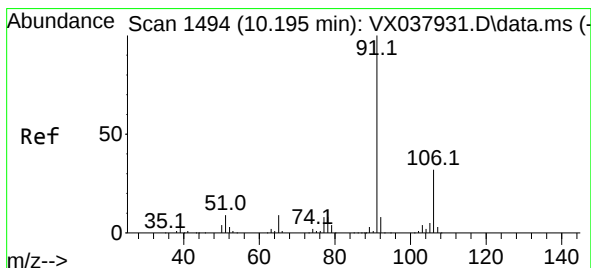
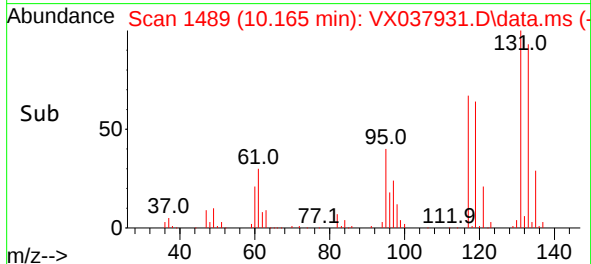
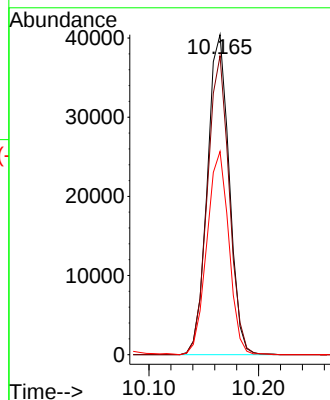
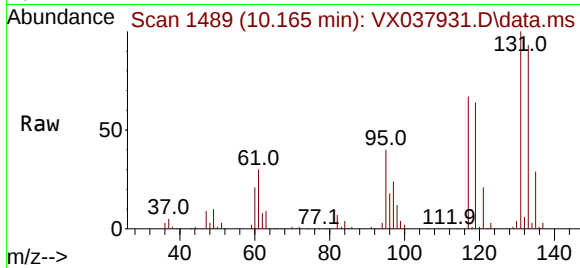
#65
1,1,1,2-Tetrachloroethane
Concen: 19.622 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 55990
Ion Ratio Lower Upper
131 100
133 93.3 0.0 192.0
119 63.8 0.0 132.8

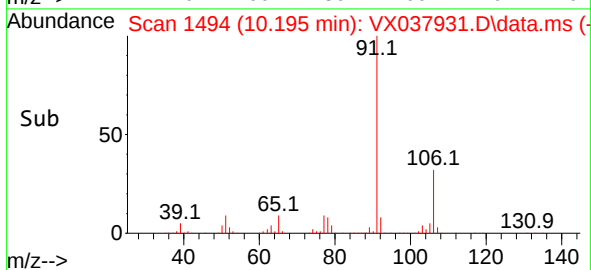
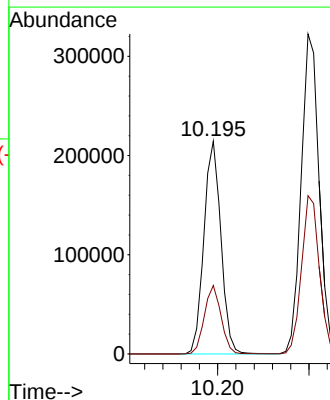
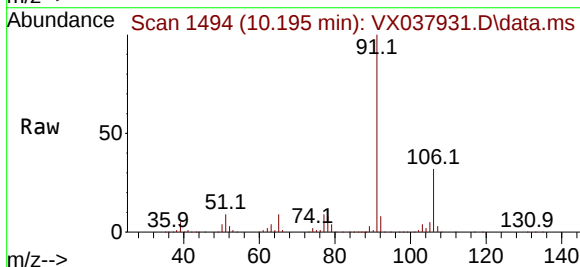
Manual Integrations
APPROVED

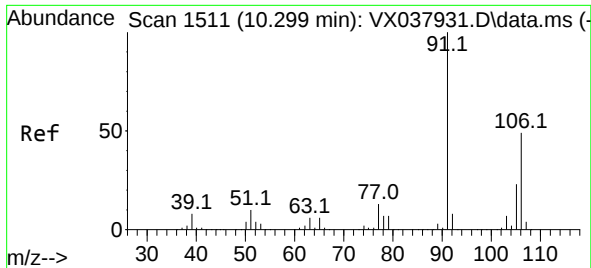
Reviewed By :John Carbone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#66
Ethyl Benzene
Concen: 19.927 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 91 Resp: 277160
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4





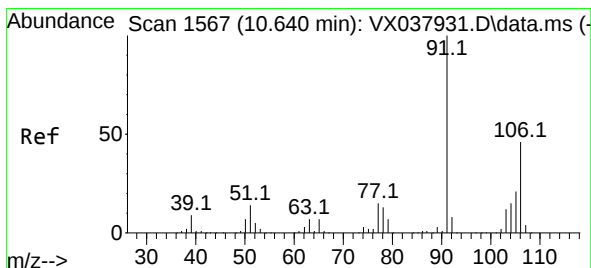
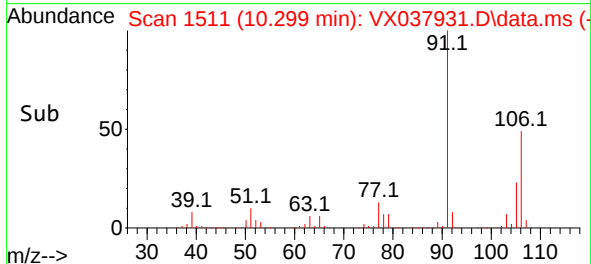
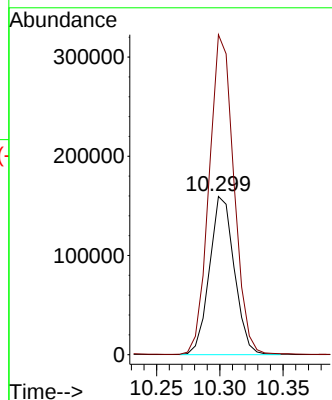
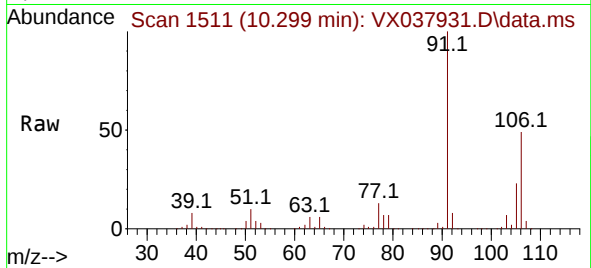
#67
m/p-Xylenes
Concen: 39.730 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 217689
Ion Ratio Lower Upper
106 100
91 202.3 160.5 240.7

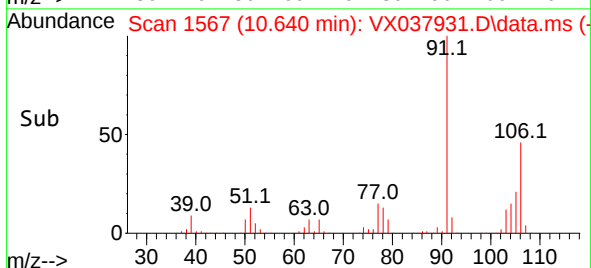
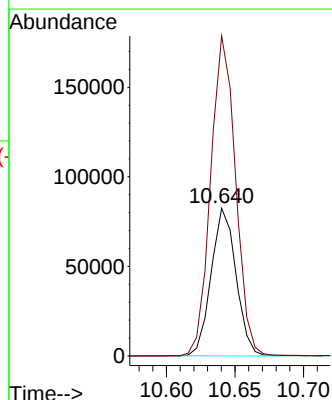
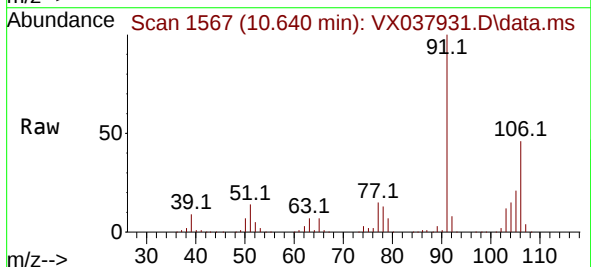
Manual Integrations
APPROVED

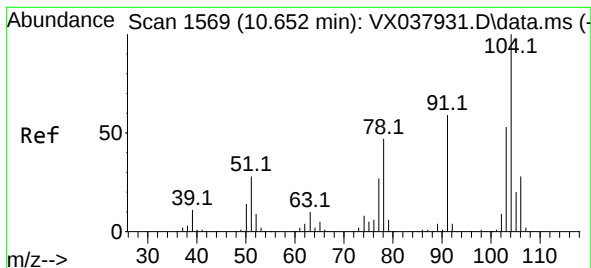
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#68
o-Xylene
Concen: 19.594 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion:106 Resp: 103964
Ion Ratio Lower Upper
106 100
91 217.1 105.4 316.1





#69

Styrene

Concen: 19.457 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

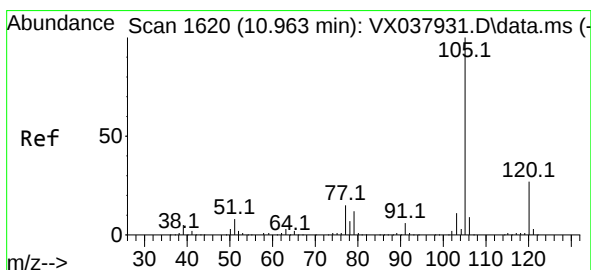
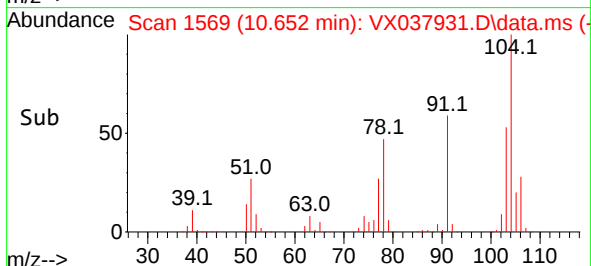
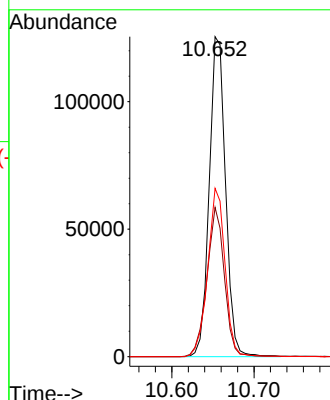
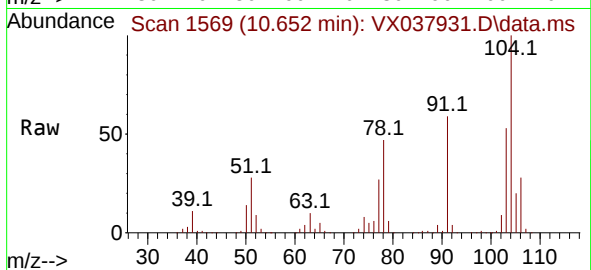
Tgt Ion:104 Resp: 17319
 Ion Ratio Lower Upper
 104 100
 78 49.9 41.0 61.4
 103 56.0 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#70

Isopropylbenzene

Concen: 19.784 ug/l

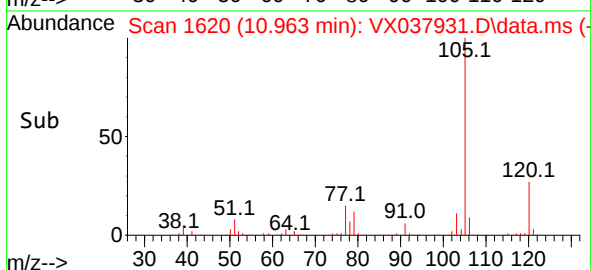
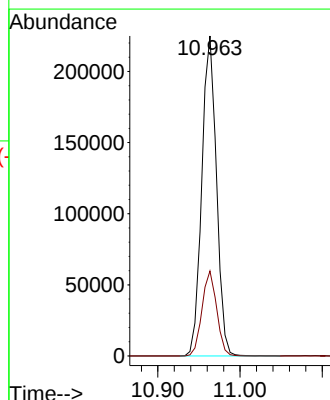
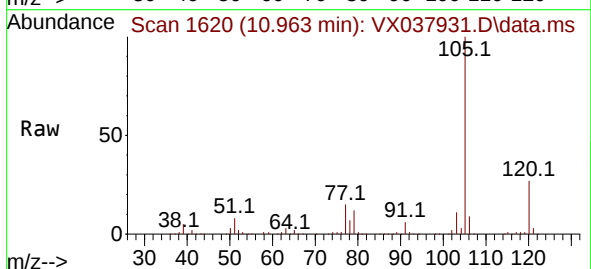
RT: 10.963 min Scan# 1620

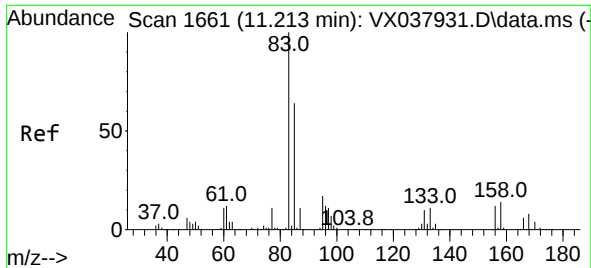
Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

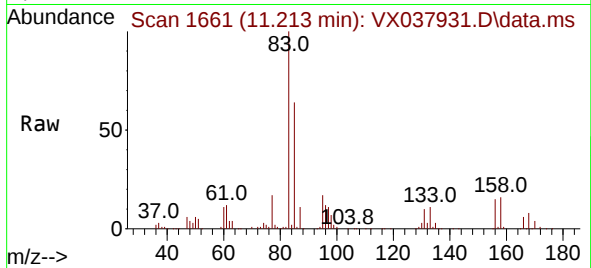
Tgt Ion:105 Resp: 278590
 Ion Ratio Lower Upper
 105 100
 120 26.5 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.757 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

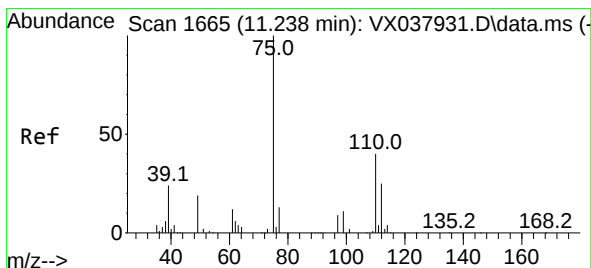
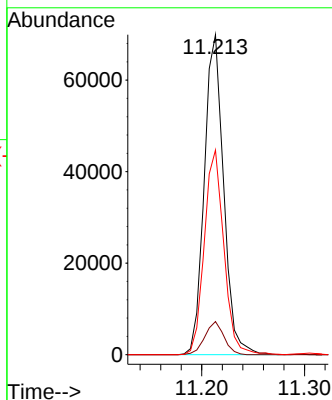
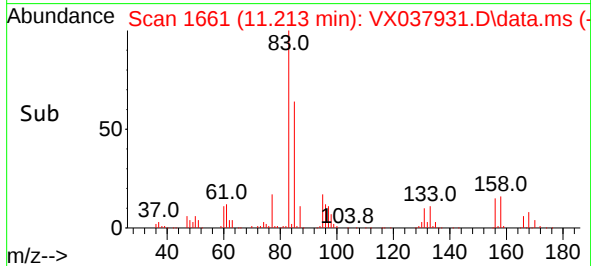
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 9169
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.6 32.4 97.0

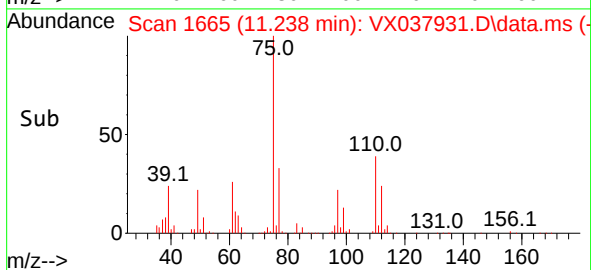
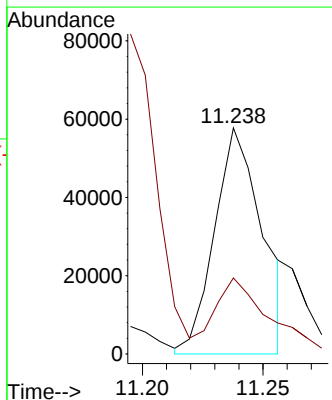
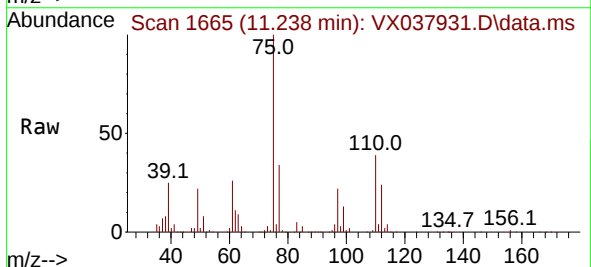
Manual Integrations
APPROVED

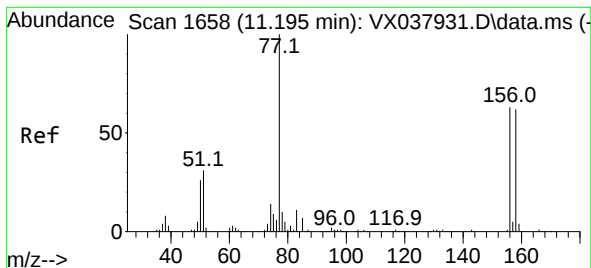
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#72
1,2,3-Trichloropropane
Concen: 19.520 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 75 Resp: 79545
Ion Ratio Lower Upper
75 100
77 38.9 0.0 77.2





#73

Bromobenzene

Concen: 19.190 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

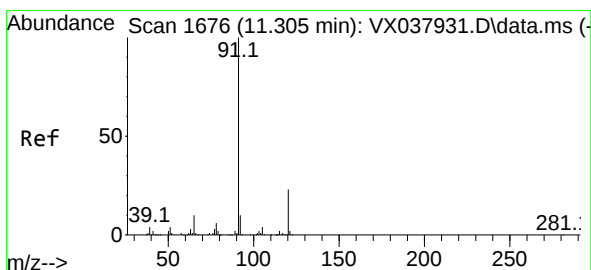
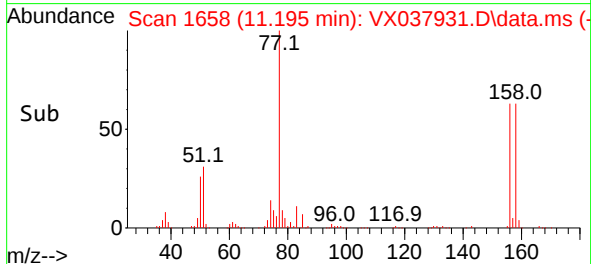
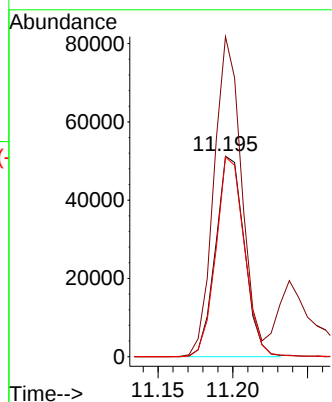
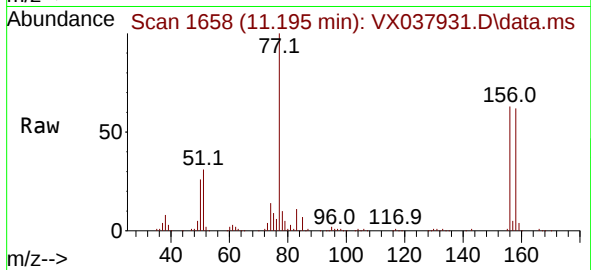
Tgt Ion:	156	Resp:	6854
Ion Ratio	Lower	Upper	
156	100		
77	152.8	0.0	333.0
158	98.7	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#74

n-propylbenzene

Concen: 19.808 ug/l

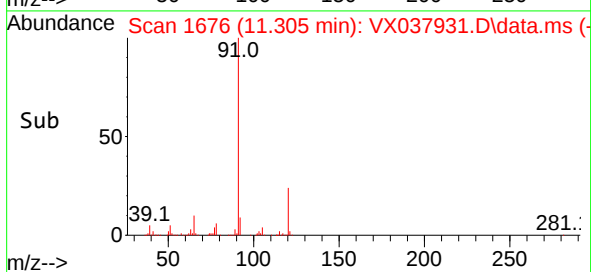
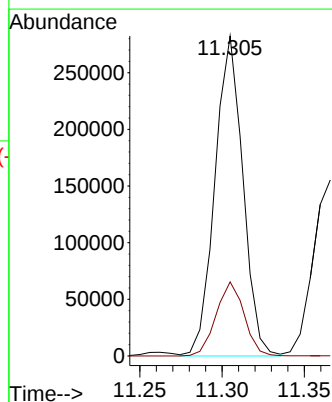
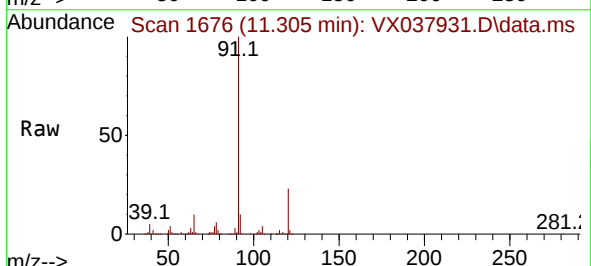
RT: 11.305 min Scan# 1676

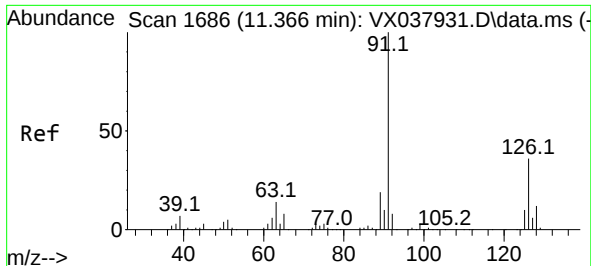
Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

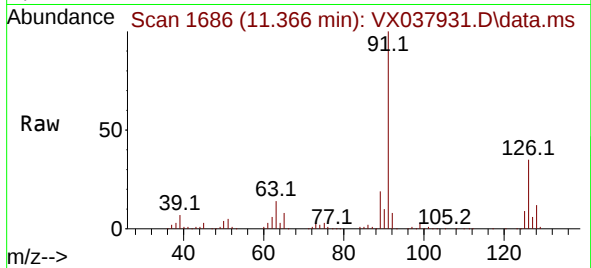
Tgt Ion:	91	Resp:	333228
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.6





#75
2-Chlorotoluene
Concen: 19.557 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

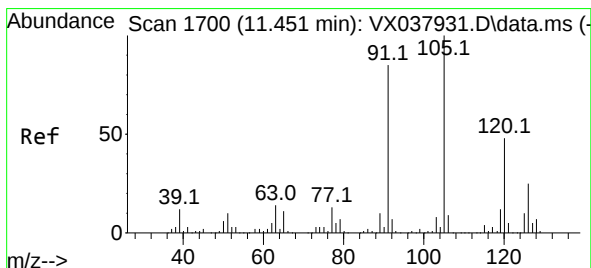
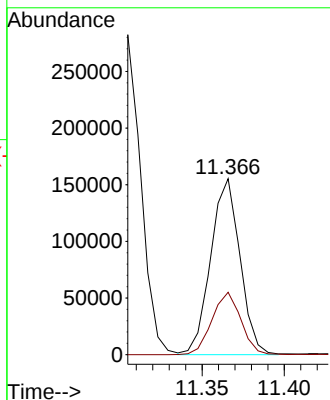
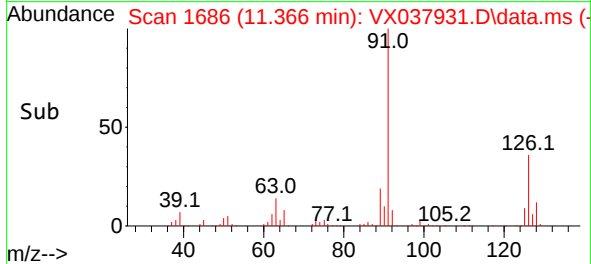
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



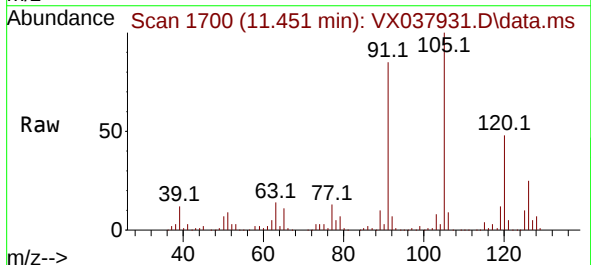
Tgt Ion: 91 Resp: 192610
Ion Ratio Lower Upper
91 100
126 35.0 0.0 66.2

Manual Integrations
APPROVED

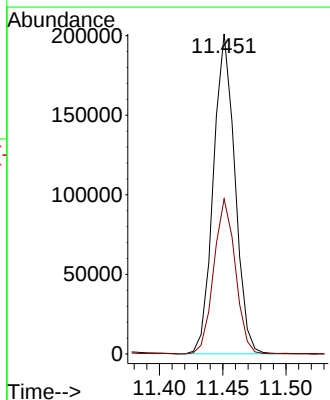
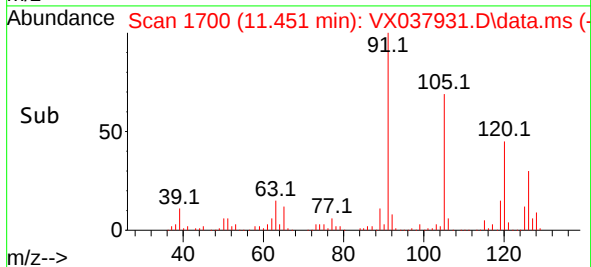
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

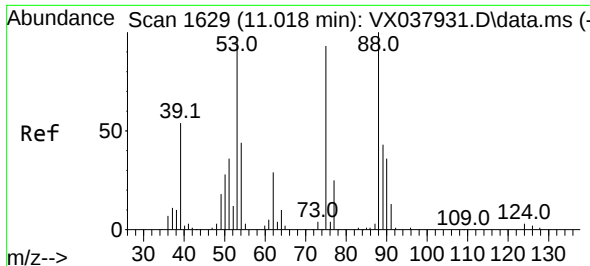


#76
1,3,5-Trimethylbenzene
Concen: 19.564 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27



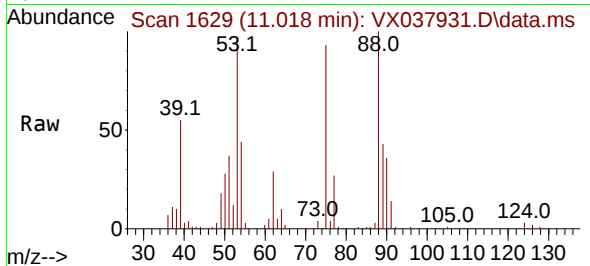
Tgt Ion:105 Resp: 237565
Ion Ratio Lower Upper
105 100
120 48.6 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.400 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

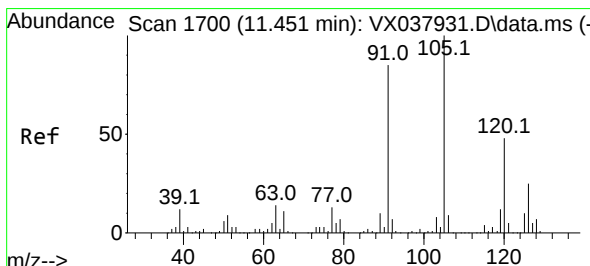
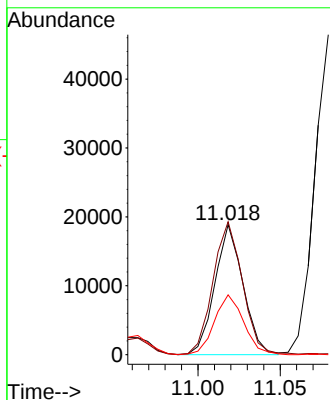
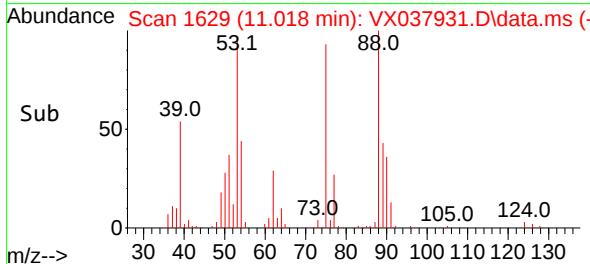
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 22450
Ion Ratio Lower Upper
75 100
53 102.0 53.9 161.7
89 46.0 22.1 66.1

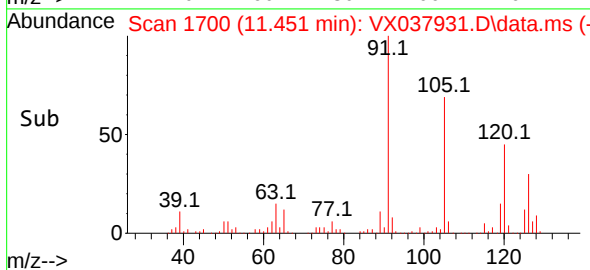
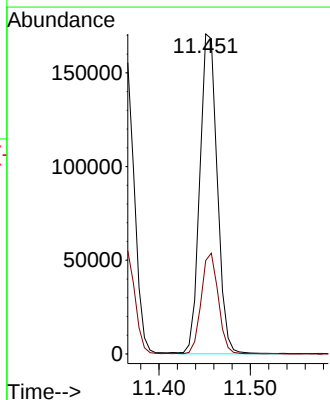
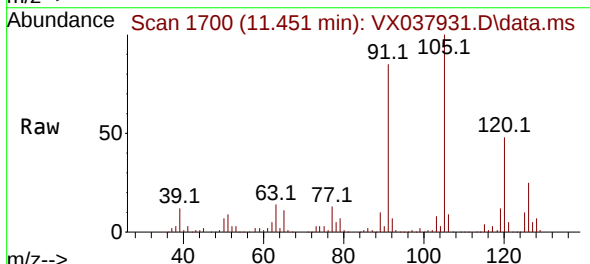
Manual Integrations
APPROVED

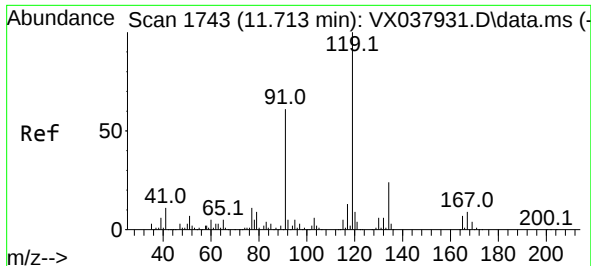
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#78
4-Chlorotoluene
Concen: 19.522 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion: 91 Resp: 225544
Ion Ratio Lower Upper
91 100
126 30.8 0.0 59.4





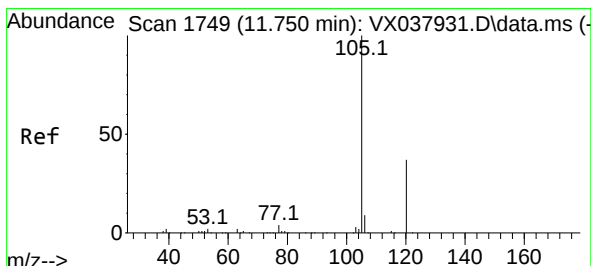
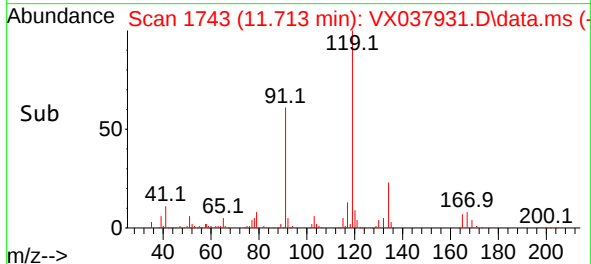
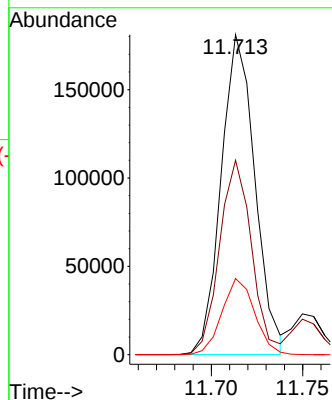
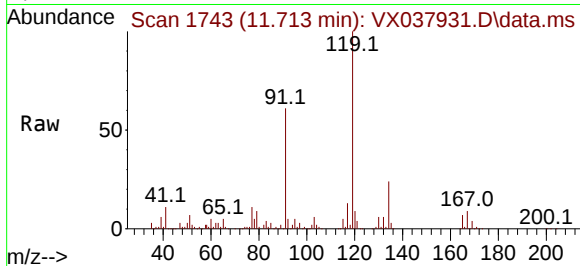
#79
tert-butylbenzene
Concen: 19.484 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 23286
Ion Ratio Lower Upper
119 100
91 57.8 0.0 124.4
134 23.1 0.0 47.2

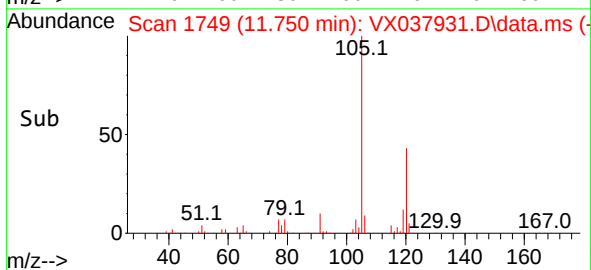
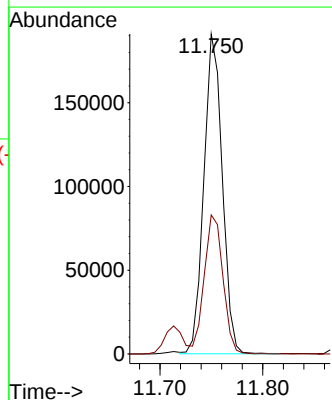
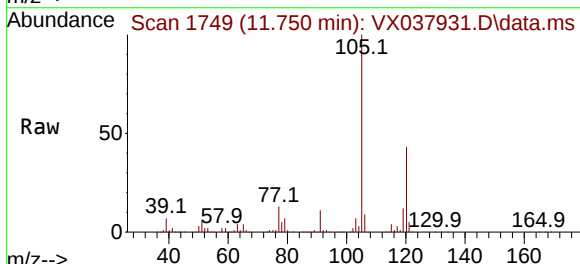
Manual Integrations
APPROVED

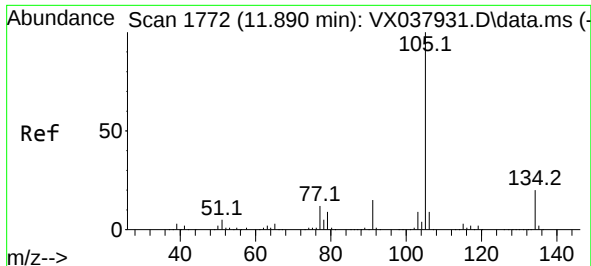
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.732 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

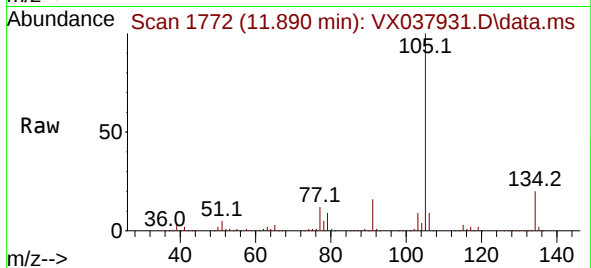
Tgt Ion:105 Resp: 238197
Ion Ratio Lower Upper
105 100
120 43.9 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 19.616 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037931.D
 Acq: 27 Sep 2023 18:27

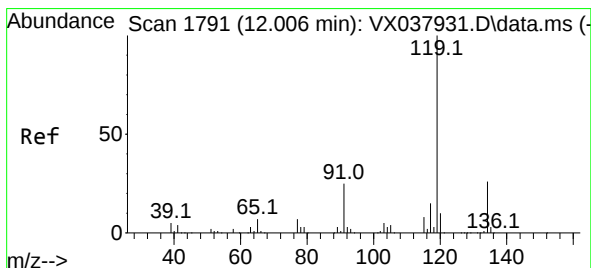
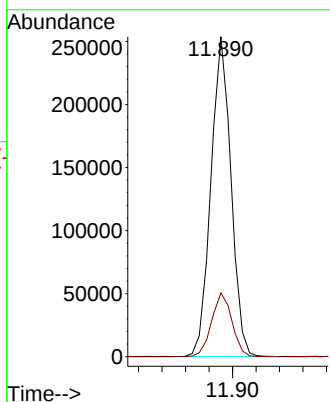
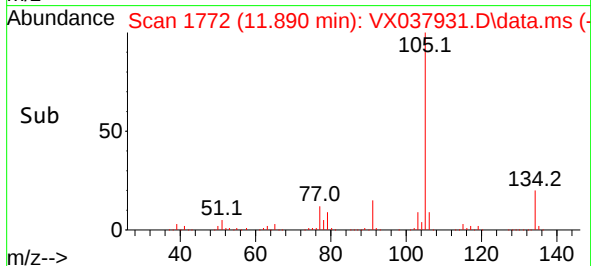
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



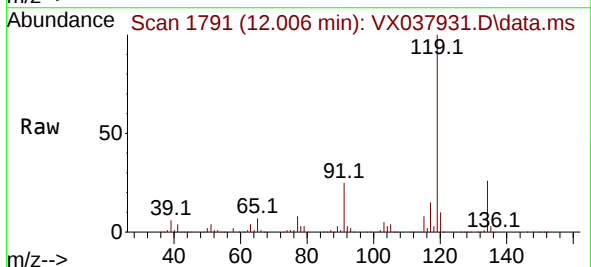
Tgt Ion:105 Resp: 30150
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.2

Manual Integrations
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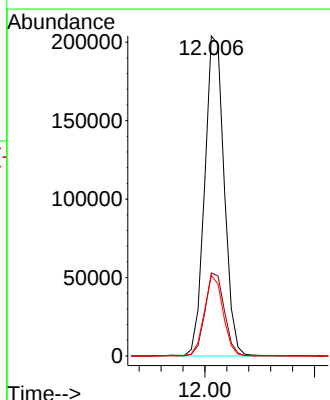
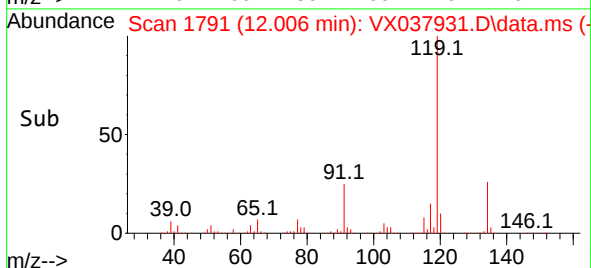
Reviewed By :John Carlone 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

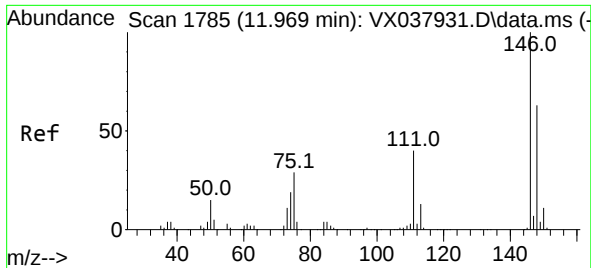


#82
 p-Isopropyltoluene
 Concen: 19.469 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037931.D
 Acq: 27 Sep 2023 18:27



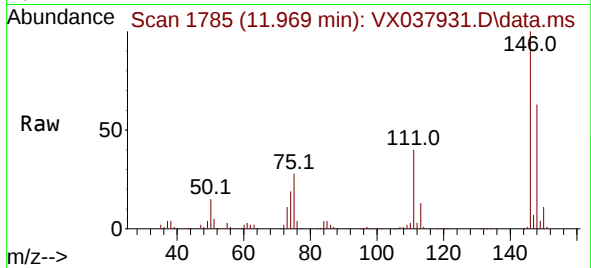
Tgt Ion:119 Resp: 251222
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.2
 91 24.1 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 19.373 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

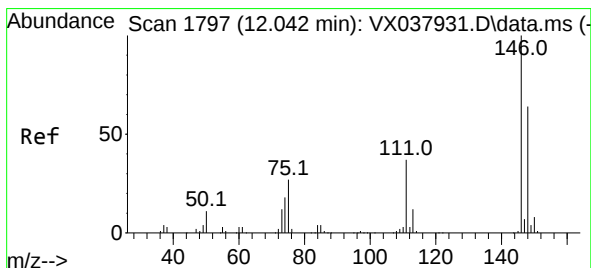
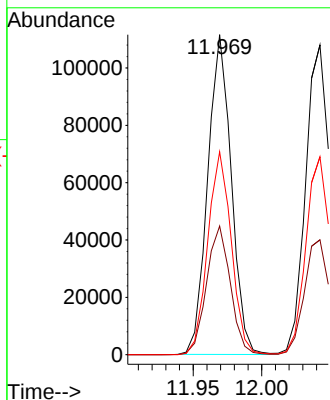
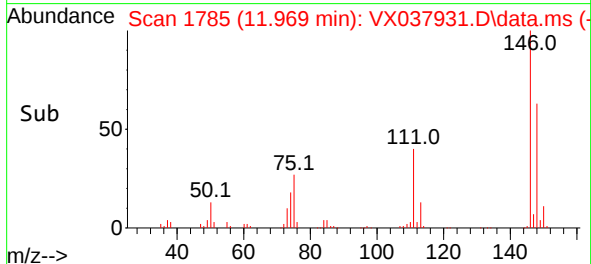
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



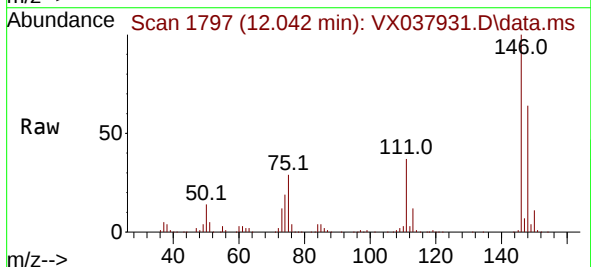
Tgt Ion:146 Resp: 133699
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.2
148 63.4 31.6 94.8

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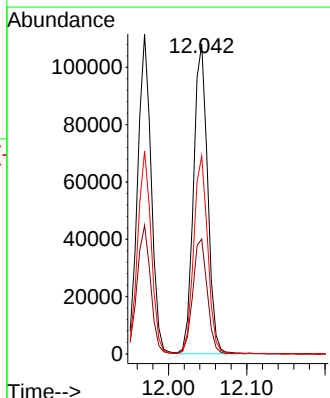
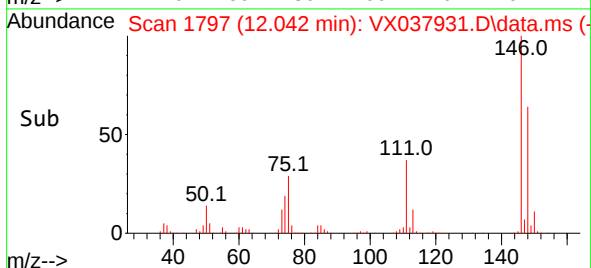
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

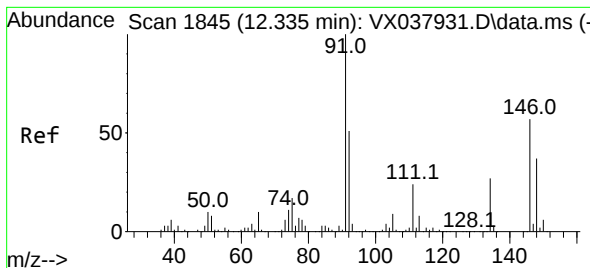


#84
1,4-Dichlorobenzene
Concen: 19.426 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27



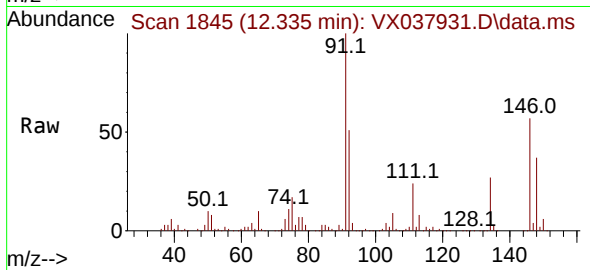
Tgt Ion:146 Resp: 135848
Ion Ratio Lower Upper
146 100
111 38.0 20.2 60.6
148 63.3 32.1 96.3





#85
n-Butylbenzene
Concen: 18.987 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

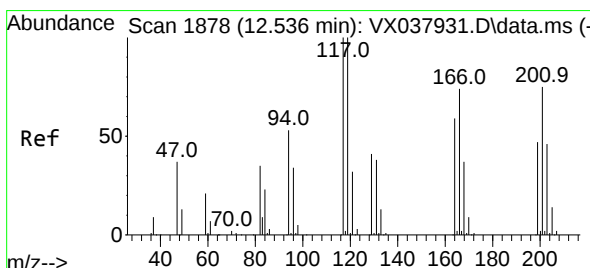
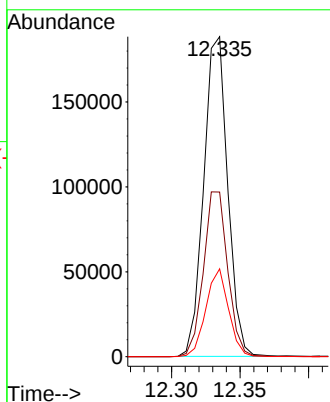
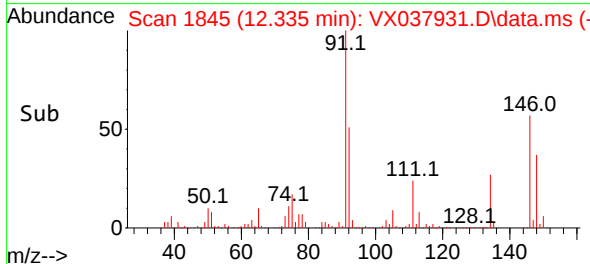
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 229235
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.2
134 26.0 0.0 51.4

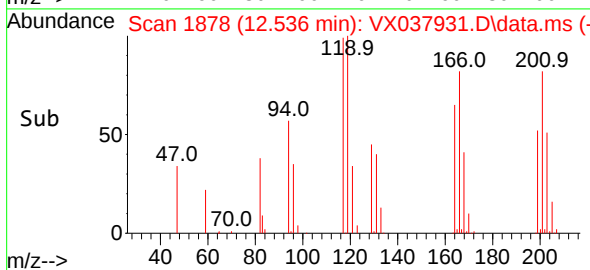
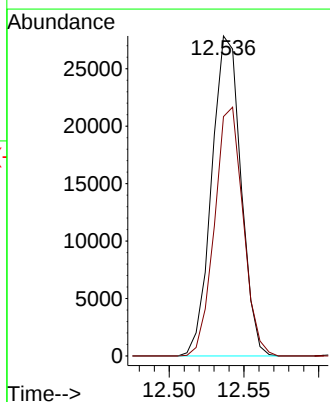
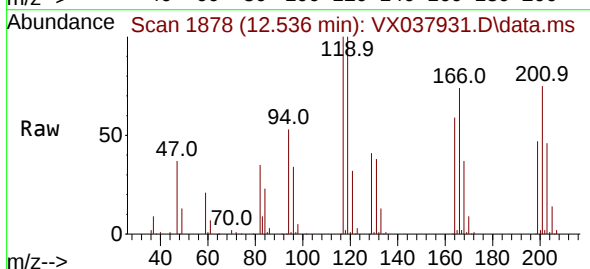
Manual Integrations
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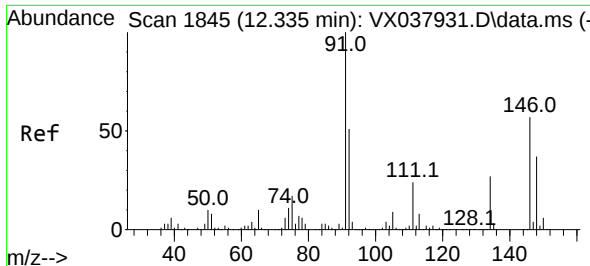
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#86
Hexachloroethane
Concen: 18.020 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

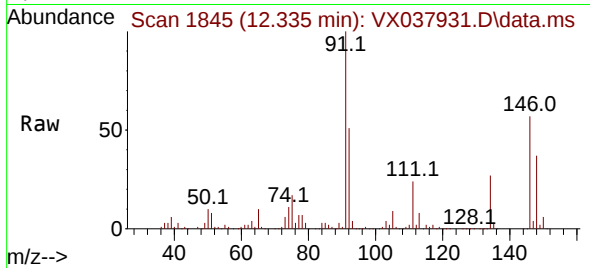
Tgt Ion:117 Resp: 37885
Ion Ratio Lower Upper
117 100
201 76.0 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 19.572 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

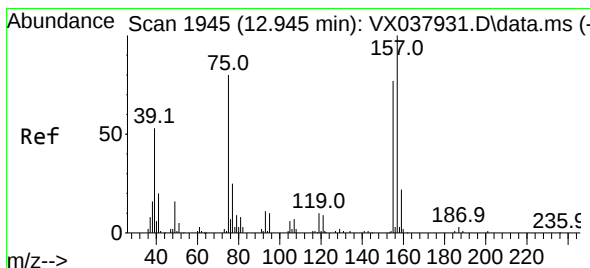
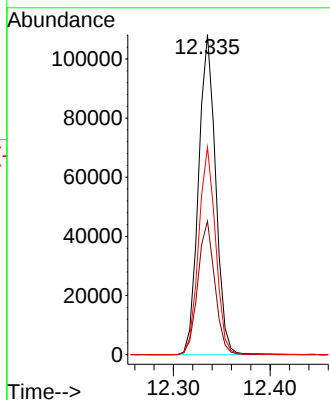
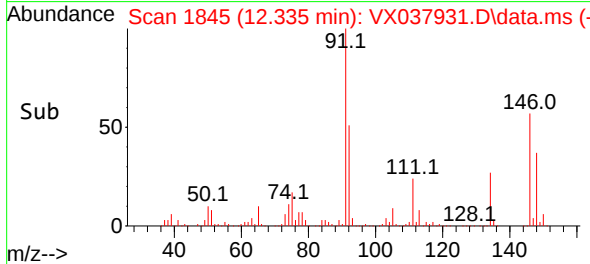
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



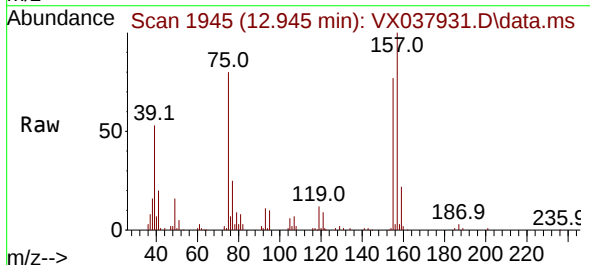
Tgt Ion:146 Resp: 133080
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.3
148 64.2 33.2 99.6

Manual Integrations
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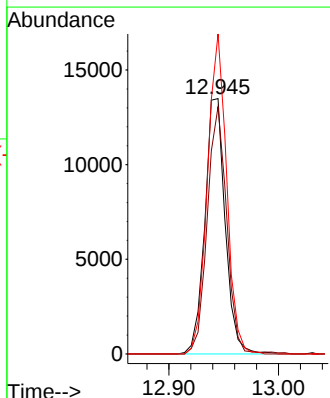
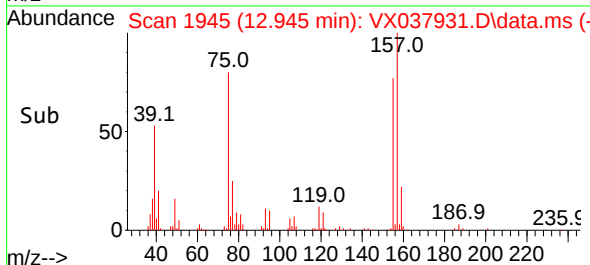
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

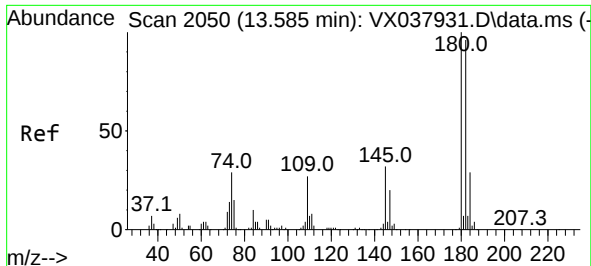


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.825 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27



Tgt Ion: 75 Resp: 17402
Ion Ratio Lower Upper
75 100
155 91.8 62.7 94.1
157 118.0 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 19.197 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

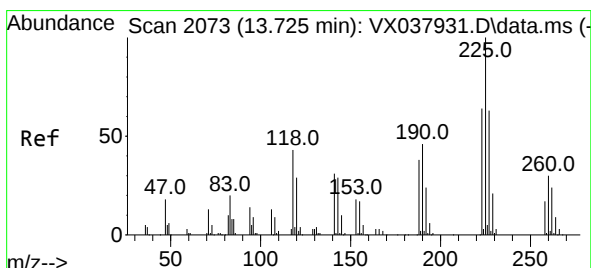
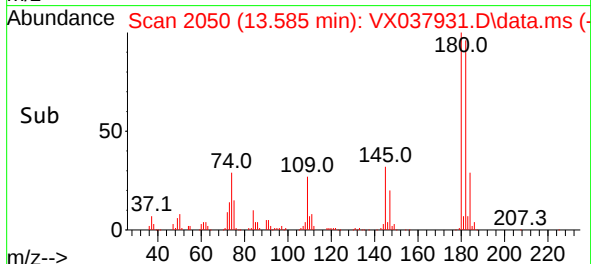
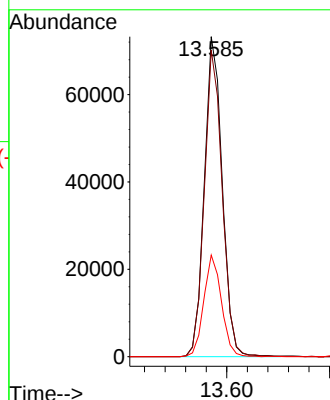
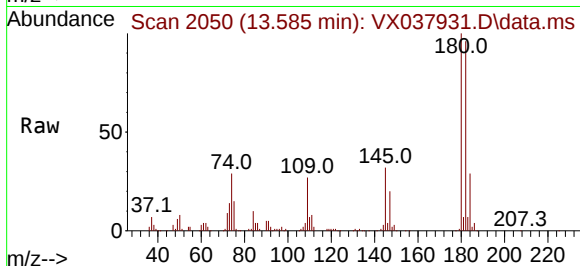
Tgt Ion:180	Resp:	8880	
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.6	113.4
145	31.3	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#90

Hexachlorobutadiene

Concen: 19.004 ug/l

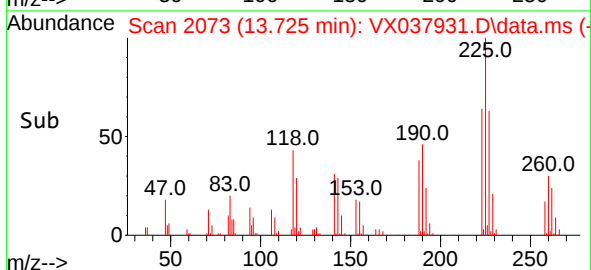
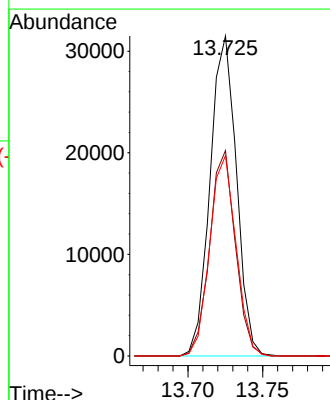
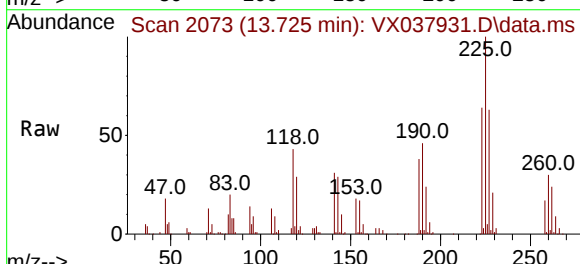
RT: 13.725 min Scan# 2073

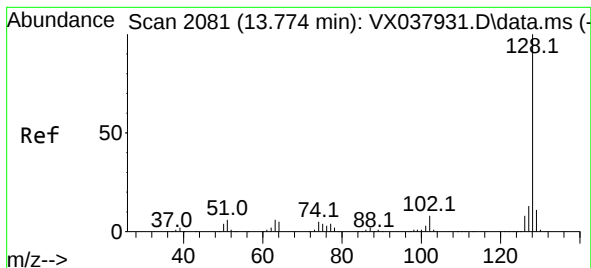
Delta R.T. 0.000 min

Lab File: VX037931.D

Acq: 27 Sep 2023 18:27

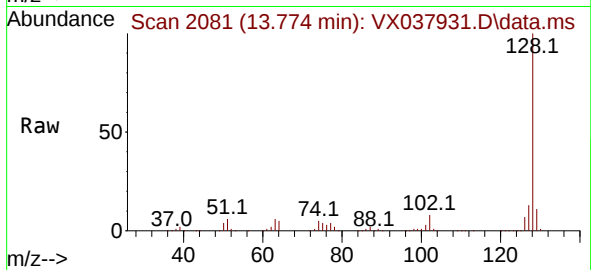
Tgt Ion:225	Resp:	38622	
Ion Ratio	Lower	Upper	
225	100		
223	62.5	0.0	124.2
227	62.4	0.0	120.4





#91
Naphthalene
Concen: 19.854 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

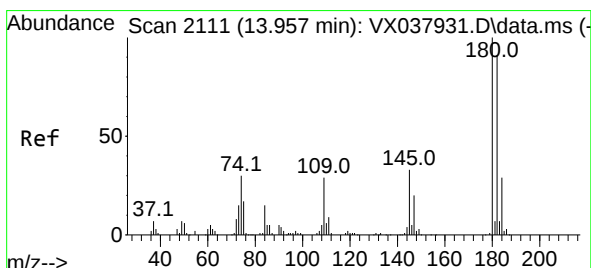
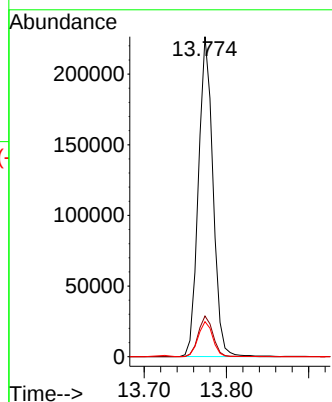
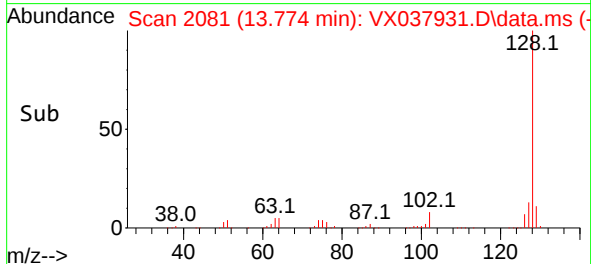
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 278558
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.641 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX037931.D
Acq: 27 Sep 2023 18:27

Tgt Ion:180 Resp: 88462
Ion Ratio Lower Upper
180 100
182 93.2 0.0 190.6
145 32.9 0.0 66.8

