

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038092.D
 Acq On : 05 Oct 2023 10:45
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

Quant Time: Oct 05 15:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	141346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47081	20.709	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.420%#		
35) Dibromofluoromethane	5.385	113	35671	20.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.700%#		
50) Toluene-d8	8.652	98	135928	20.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.580%#		
62) 4-Bromofluorobenzene	11.079	95	49373	19.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28838	21.137	ug/l	98
3) Chloromethane	1.300	50	27621	19.863	ug/l	97
4) Vinyl Chloride	1.373	62	32794	21.270	ug/l	98
5) Bromomethane	1.605	94	31813	15.116	ug/l	94
6) Chloroethane	1.690	64	24101	21.617	ug/l	96
7) Trichlorofluoromethane	1.892	101	61205	20.098	ug/l	98
8) Diethyl Ether	2.135	74	23768	20.927	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.330	101	25869	19.458	ug/l	96
10) Methyl Iodide	2.452	142	37814	19.768	ug/l	95
11) Tert butyl alcohol	2.952	59	52090	97.007	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	25619	19.811	ug/l	92
13) Acrolein	2.239	56	32050	99.166	ug/l	99
14) Allyl chloride	2.666	41	45783	19.793	ug/l	93
15) Acrylonitrile	3.062	53	106416	102.857	ug/l	99
16) Acetone	2.379	43	95680	100.840	ug/l	95
17) Carbon Disulfide	2.513	76	69554	18.661	ug/l	98
18) Methyl Acetate	2.702	43	84023	20.650	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	103731	20.140	ug/l	98
20) Methylene Chloride	2.788	84	33141	18.569	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	32066	20.026	ug/l	92
22) Diisopropyl ether	3.763	45	98286	20.274	ug/l #	92
23) Vinyl Acetate	3.720	43	369423	103.911	ug/l	97
24) 1,1-Dichloroethane	3.611	63	60042	20.408	ug/l	100
25) 2-Butanone	4.556	43	159186	103.981	ug/l	96
26) 2,2-Dichloropropane	4.476	77	45689	19.891	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	38142	20.002	ug/l	93
28) Bromochloromethane	4.897	49	27042	20.361	ug/l	93
29) Tetrahydrofuran	5.001	42	103564	103.905	ug/l	92
30) Chloroform	5.098	83	65831	20.462	ug/l	99
31) Cyclohexane	5.470	56	50472	20.491	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54567	19.802	ug/l	100
36) 1,1-Dichloropropene	5.696	75	45945	19.005	ug/l	97
37) Ethyl Acetate	4.714	43	57169	19.912	ug/l	96
38) Carbon Tetrachloride	5.684	117	45464	19.117	ug/l	98
39) Methylcyclohexane	7.384	83	55559	19.620	ug/l	93
40) Benzene	6.037	78	136663	20.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	29343	20.544	ug/l #	91
42) 1,2-Dichloroethane	6.092	62	54616	20.217	ug/l	99
43) Isopropyl Acetate	6.342	43	87521	20.420	ug/l	98
44) Trichloroethene	7.128	130	35795	20.240	ug/l	98
45) 1,2-Dichloropropane	7.433	63	35127	20.072	ug/l	97
46) Dibromomethane	7.580	93	26417	19.463	ug/l	96
47) Bromodichloromethane	7.823	83	48132	19.934	ug/l	97
48) Methyl methacrylate	7.695	41	40799	19.940	ug/l #	84
49) 1,4-Dioxane	7.659	88	21160	419.666	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	311373	105.322	ug/l	98
52) Toluene	8.720	92	89104	20.230	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	49843	19.231	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	54423	19.986	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	37370	19.836	ug/l	93
56) Ethyl methacrylate	9.116	69	57308	19.840	ug/l	93
57) 1,3-Dichloropropane	9.311	76	61714	20.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	141433	99.750	ug/l	99
59) 2-Hexanone	9.427	43	252141	106.088	ug/l	97
60) Dibromochloromethane	9.518	129	35822	19.428	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40895	20.073	ug/l	98
64) Tetrachloroethene	9.274	164	30125	20.072	ug/l	94
65) Chlorobenzene	10.079	112	95916	19.772	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	33792	20.599	ug/l	100
67) Ethyl Benzene	10.195	91	175338	20.248	ug/l	100
68) m/p-Xylenes	10.299	106	132807	39.664	ug/l	99
69) o-Xylene	10.640	106	64166	19.635	ug/l	95
70) Styrene	10.658	104	106950	20.097	ug/l	98
71) Bromoform	10.798	173	25588	18.715	ug/l #	100
73) Isopropylbenzene	10.963	105	169698	20.566	ug/l	99
74) N-amyl acetate	10.841	43	76515	21.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	64354	21.254	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	59395m	21.234	ug/l	
77) Bromobenzene	11.195	156	40679	20.193	ug/l	95
78) n-propylbenzene	11.304	91	208544	20.669	ug/l	99
79) 2-Chlorotoluene	11.365	91	120148	20.079	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	147957	20.784	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	16712	20.072	ug/l	98
82) 4-Chlorotoluene	11.457	91	144550	20.415	ug/l	98
83) tert-Butylbenzene	11.713	119	139070	19.992	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	146294	20.611	ug/l	98
85) sec-Butylbenzene	11.890	105	183841	20.402	ug/l	99
86) p-Isopropyltoluene	12.006	119	151050	20.318	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80335	19.854	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	83535	20.221	ug/l	98
89) n-Butylbenzene	12.335	91	148260	20.024	ug/l	96
90) Hexachloroethane	12.536	117	24248	19.672	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	78788	20.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15680	21.419	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	52480	20.117	ug/l	98
94) Hexachlorobutadiene	13.725	225	20554	19.576	ug/l	99
95) Naphthalene	13.774	128	188390	20.737	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	52060	20.610	ug/l	98

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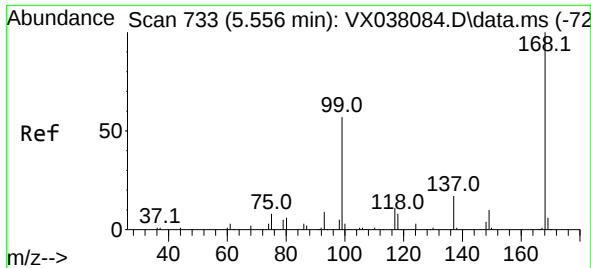
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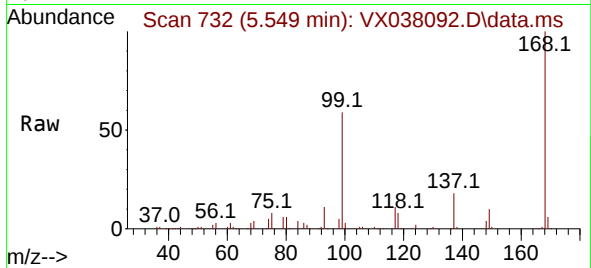
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
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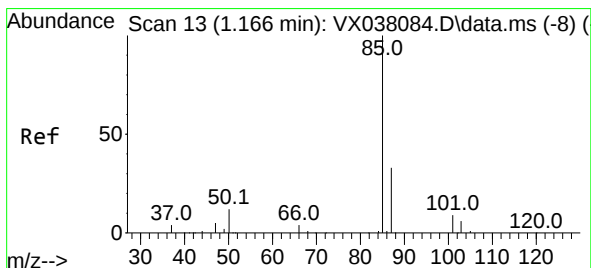
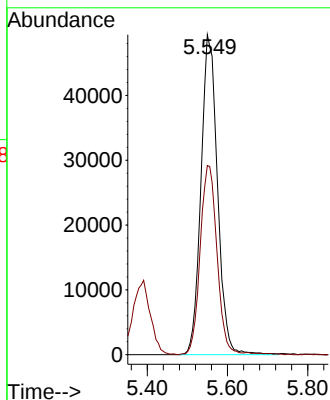
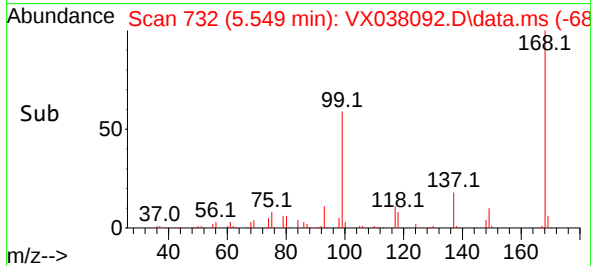
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 141340
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0

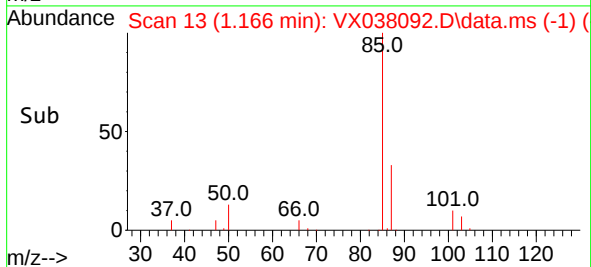
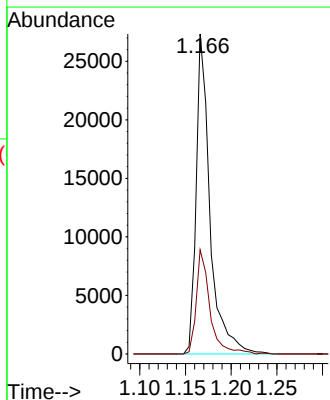
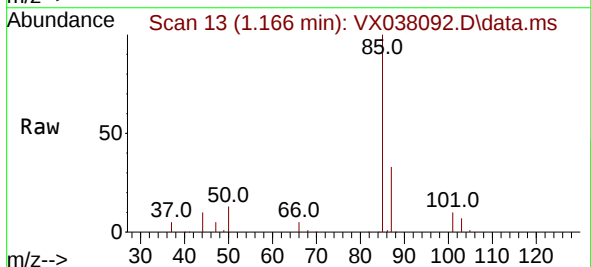
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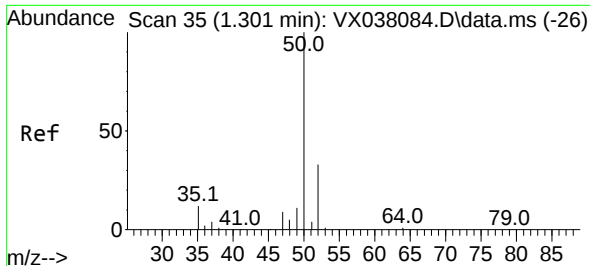
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#2
Dichlorodifluoromethane
Concen: 21.137 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 85 Resp: 28838
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





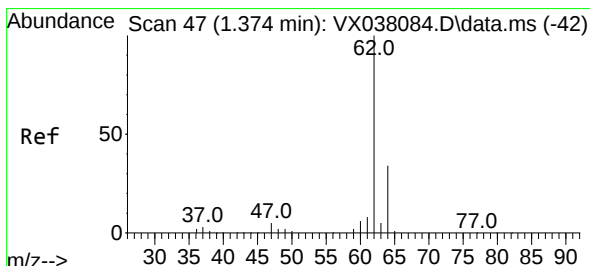
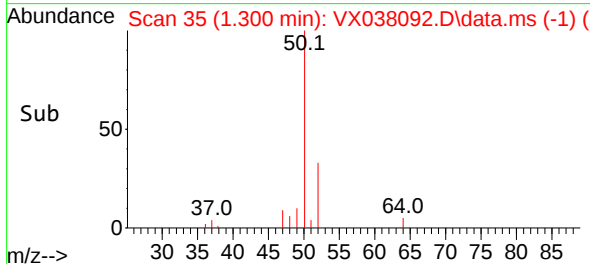
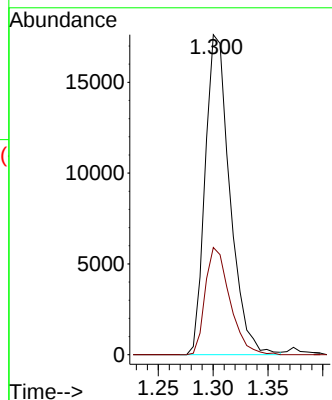
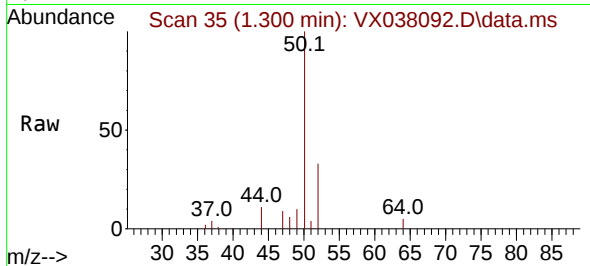
#3
Chloromethane
Concen: 19.863 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

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VSTDICC020

Tgt Ion: 50 Resp: 2762
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

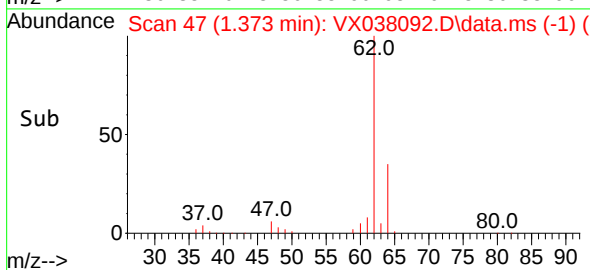
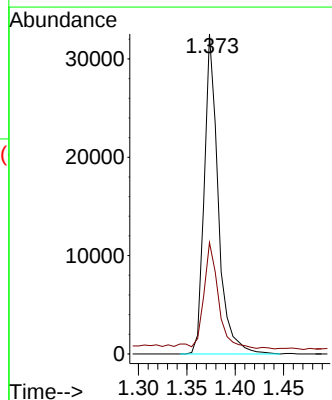
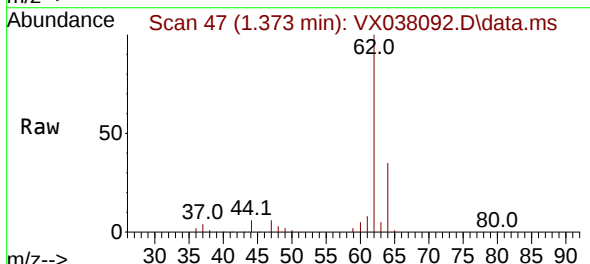
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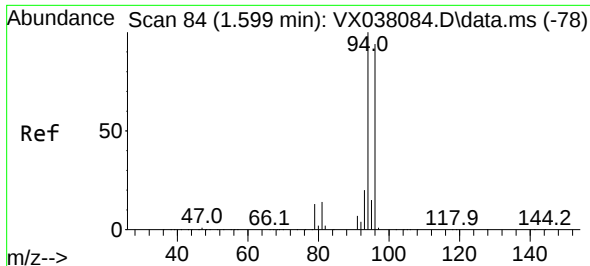
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#4
Vinyl Chloride
Concen: 21.270 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 62 Resp: 32794
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





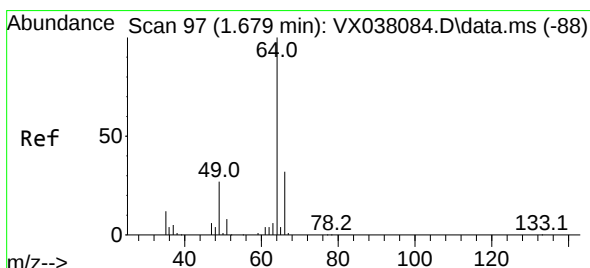
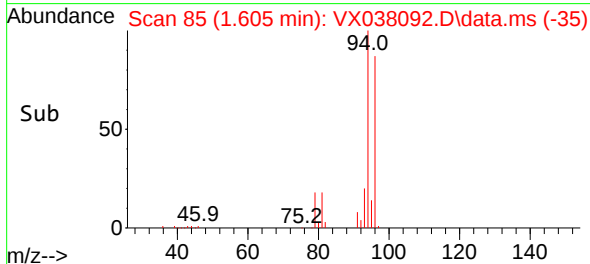
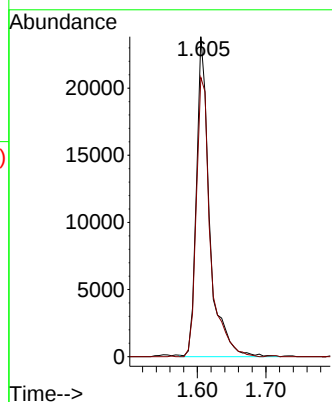
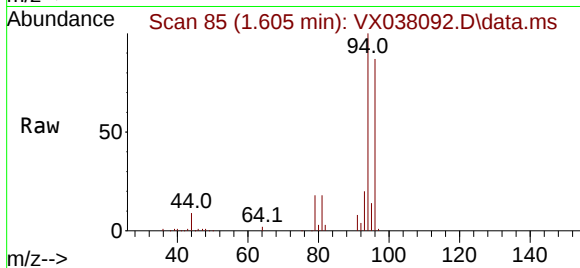
#5
Bromomethane
Concen: 15.116 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion: 94 Resp: 3181
Ion Ratio Lower Upper
94 100
96 87.2 74.6 111.8

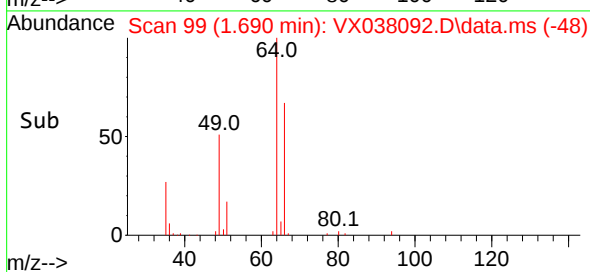
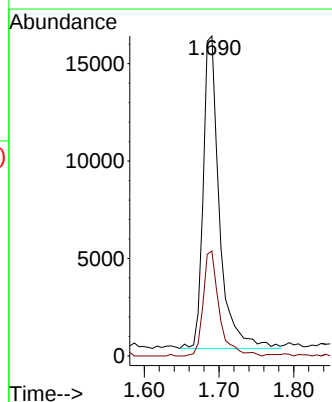
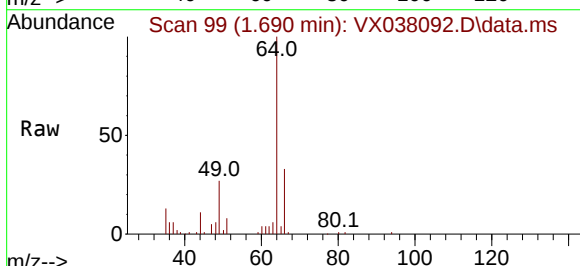
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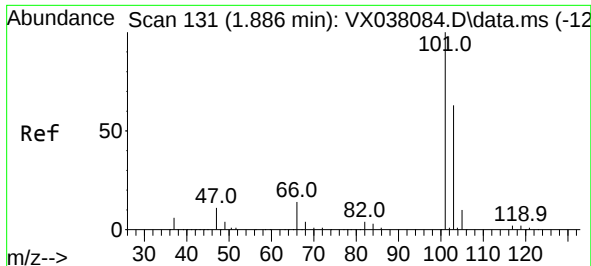
Reviewed By :John Carlone 10/05/2023
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#6
Chloroethane
Concen: 21.617 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.011 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 64 Resp: 24101
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





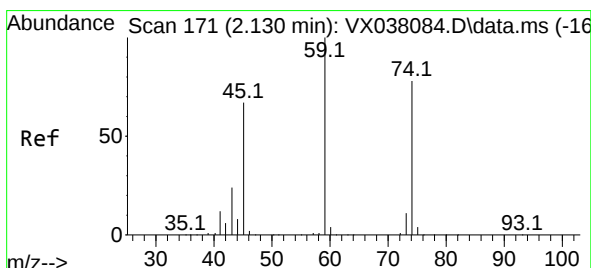
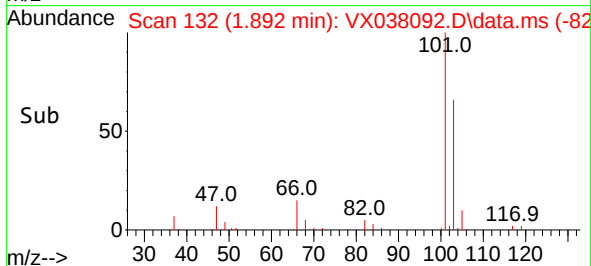
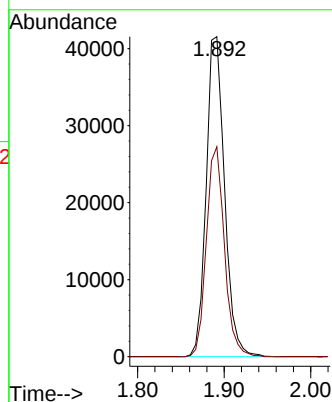
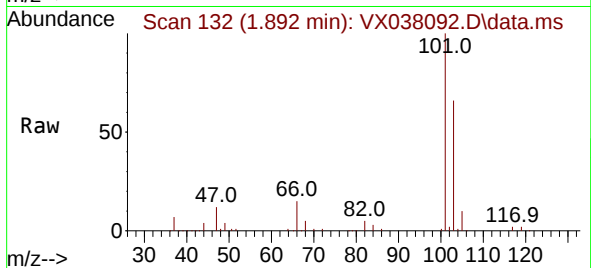
#7
 Trichlorofluoromethane
 Concen: 20.098 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038092.D
 Acq: 05 Oct 2023 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion:101 Resp: 61205
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.2

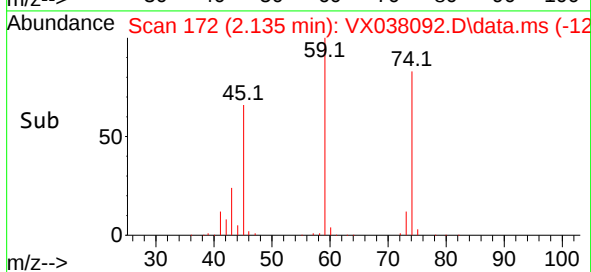
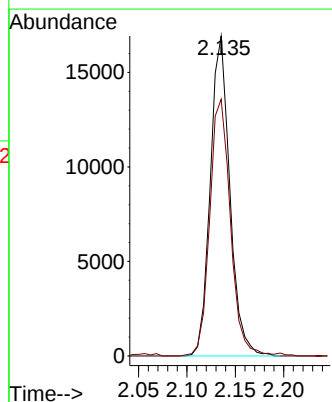
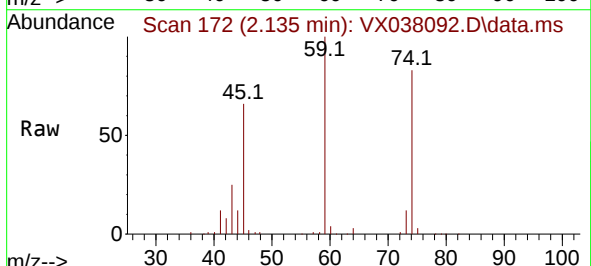
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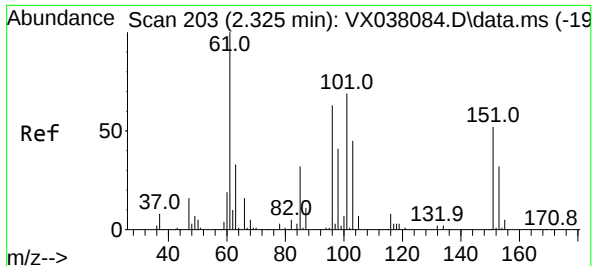
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#8
 Diethyl Ether
 Concen: 20.927 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 23768
 Ion Ratio Lower Upper
 74 100
 45 85.4 53.3 159.8





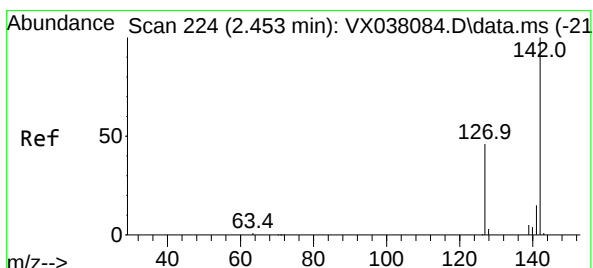
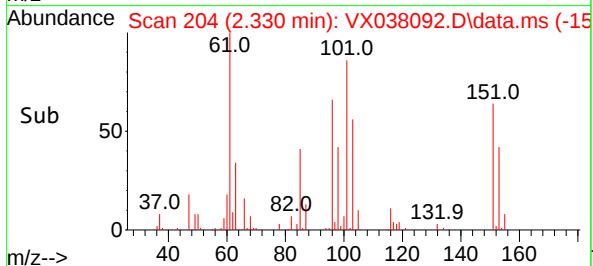
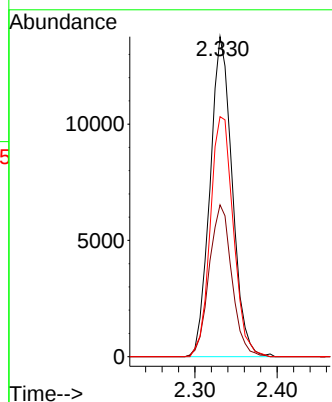
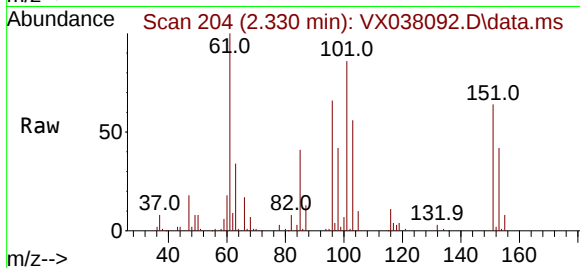
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.458 ug/l
RT: 2.330 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 25869
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.6
151 77.7 58.6 87.8

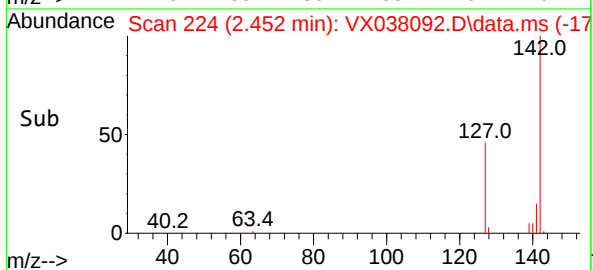
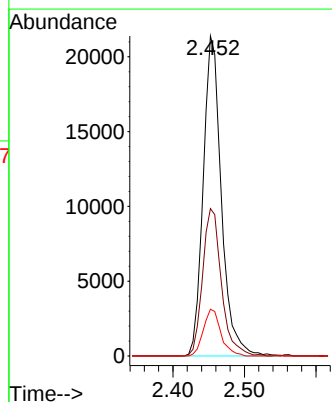
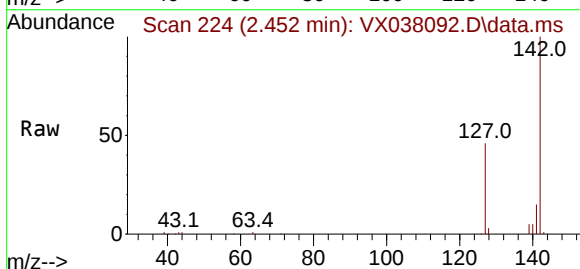
Manual Integrations
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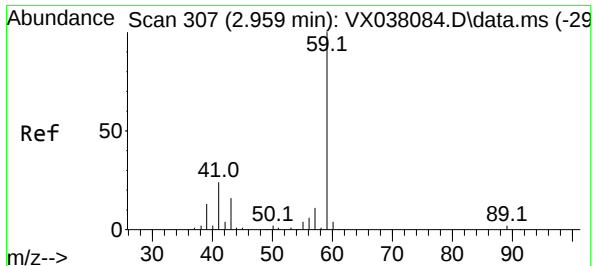
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 19.768 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion:142 Resp: 37814
Ion Ratio Lower Upper
142 100
127 47.7 41.6 62.4
141 14.1 11.6 17.4





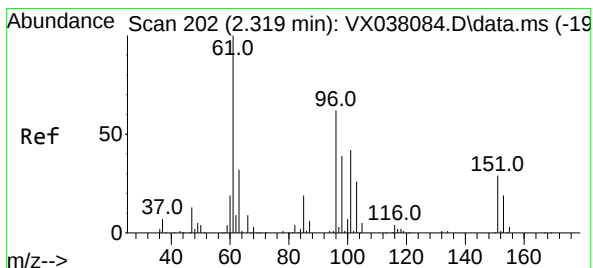
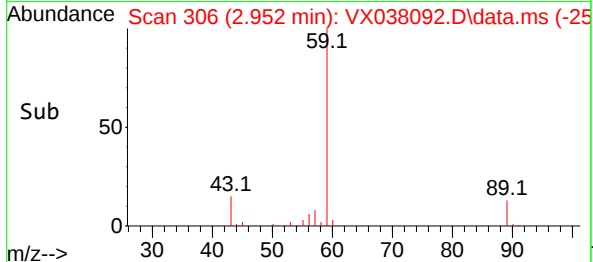
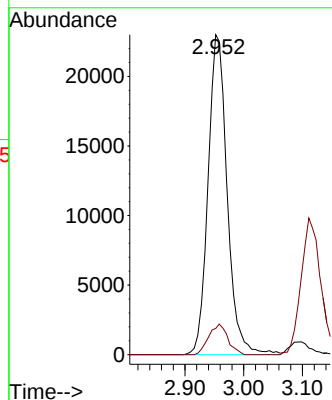
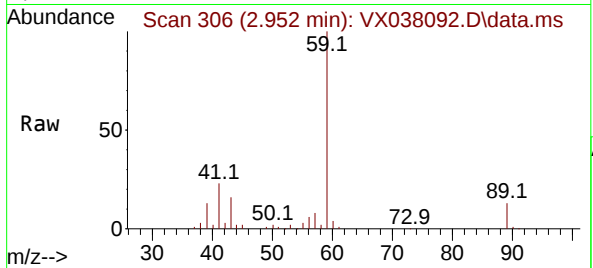
#11
Tert butyl alcohol
Concen: 97.007 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.007 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 52090
Ion Ratio Lower Upper
59 100
57 9.5 6.0 9.0

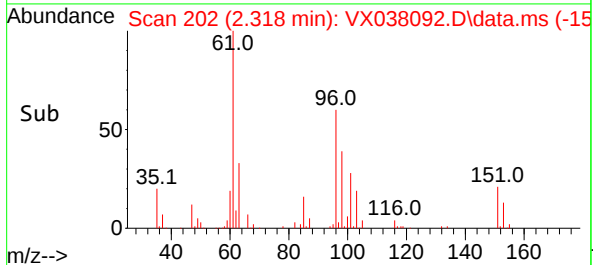
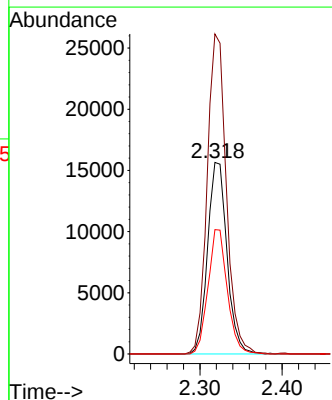
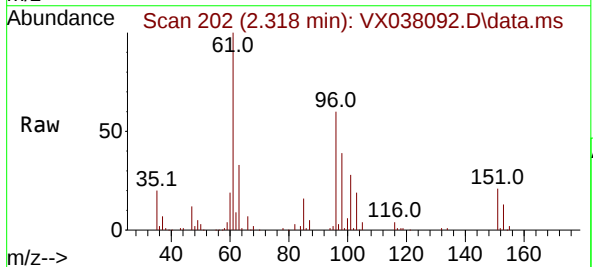
Manual Integrations
APPROVED

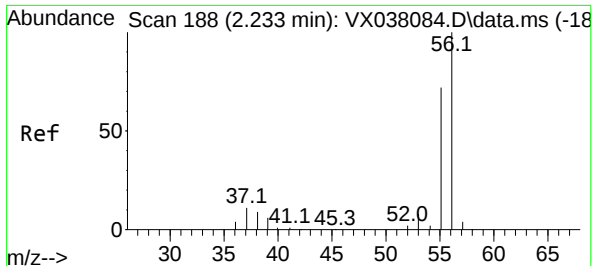
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#12
1,1-Dichloroethene
Concen: 19.811 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 96 Resp: 25619
Ion Ratio Lower Upper
96 100
61 167.1 144.6 216.8
98 64.9 50.4 75.6





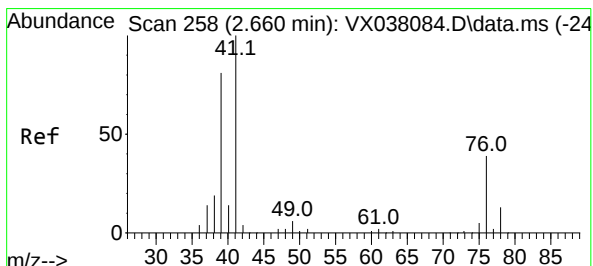
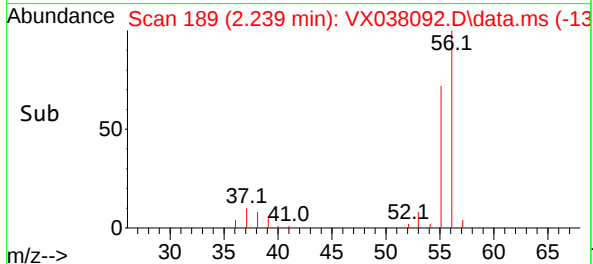
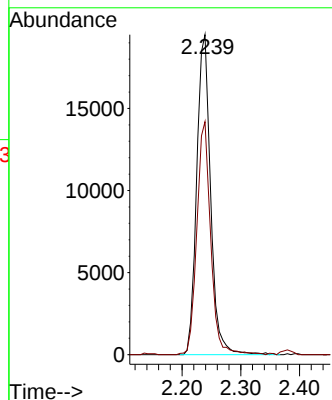
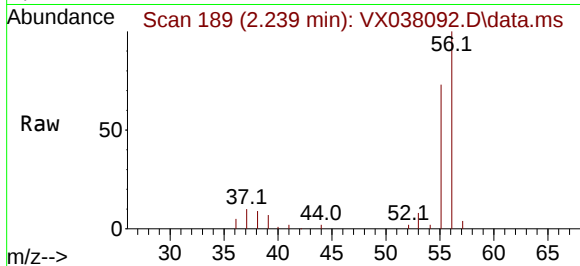
#13
Acrolein
Concen: 99.166 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 32050
Ion Ratio Lower Upper
56 100
55 72.6 57.1 85.7

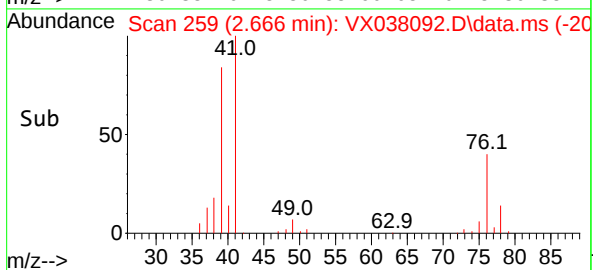
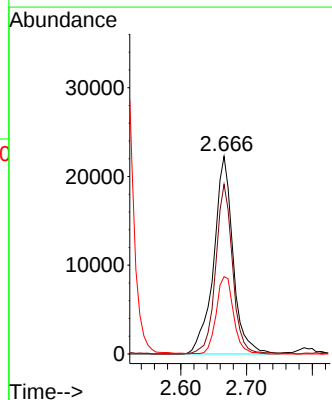
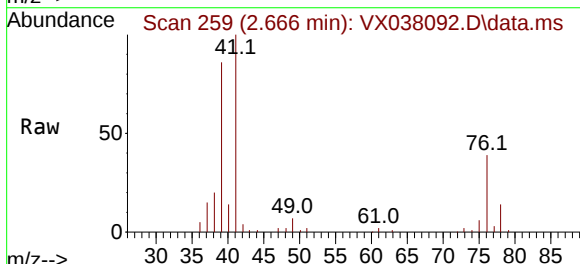
Manual Integrations
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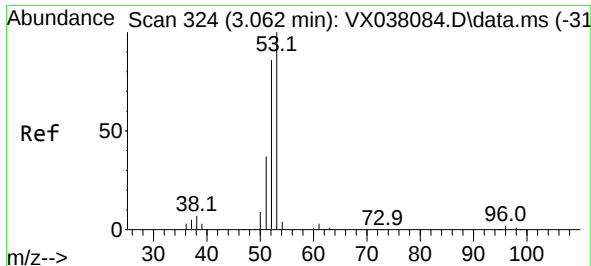
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 19.793 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

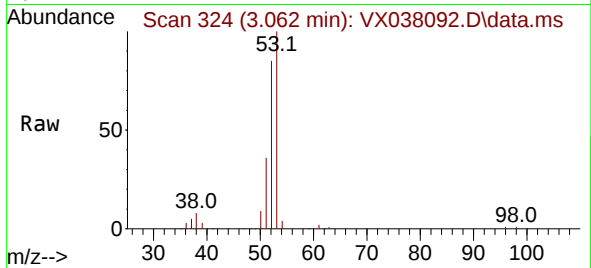
Tgt Ion: 41 Resp: 45783
Ion Ratio Lower Upper
41 100
39 74.9 55.8 83.6
76 34.9 24.3 36.5





#15
Acrylonitrile
Concen: 102.857 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

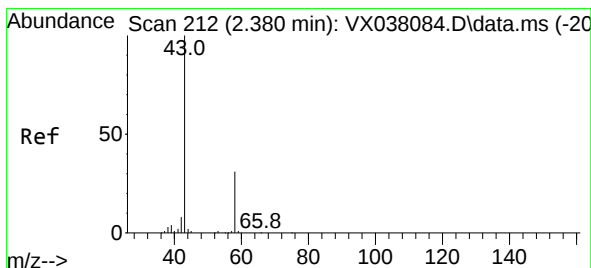
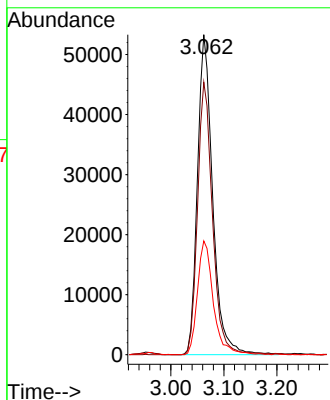
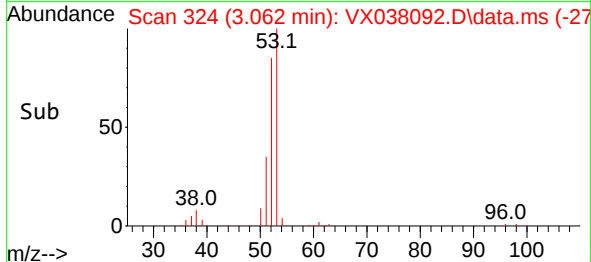
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 106410
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 37.0 29.8 44.6

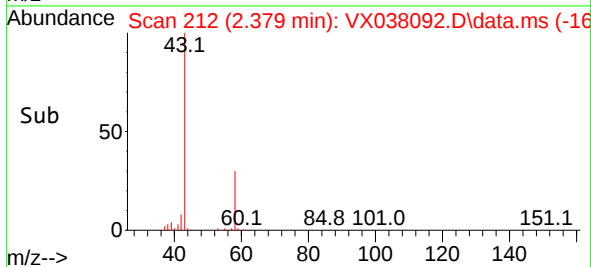
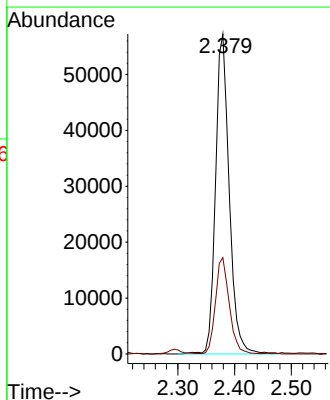
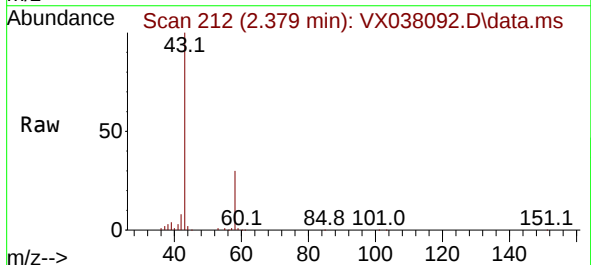
Manual Integrations
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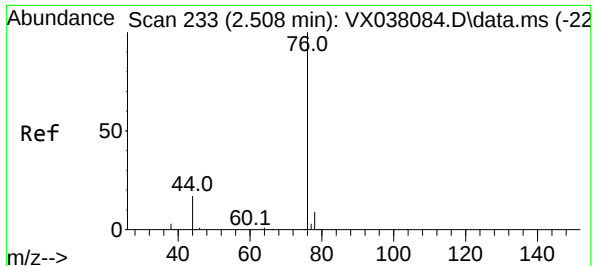
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 100.840 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 43 Resp: 95680
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





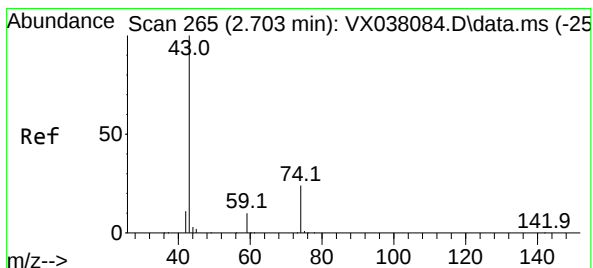
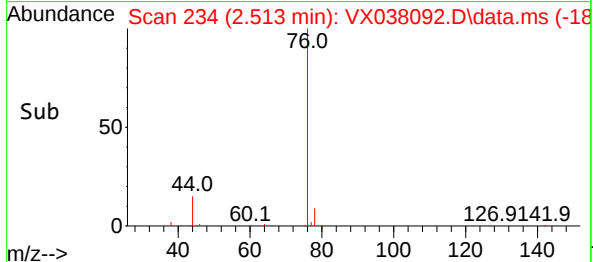
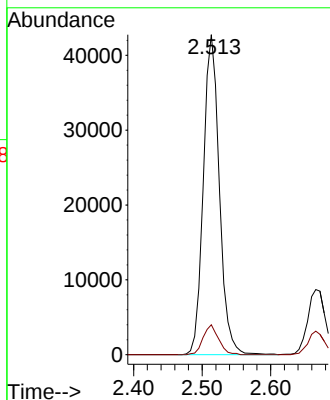
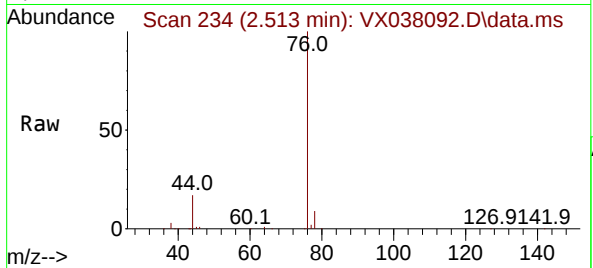
#17
Carbon Disulfide
Concen: 18.661 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 69554
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

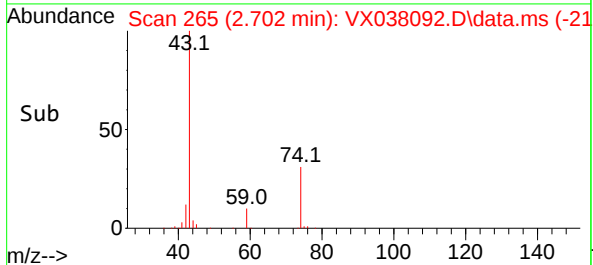
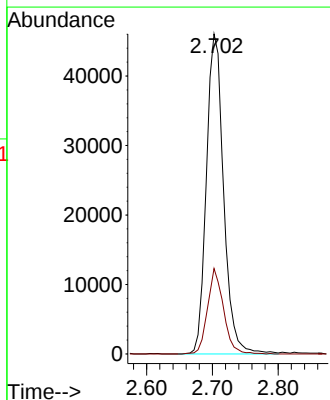
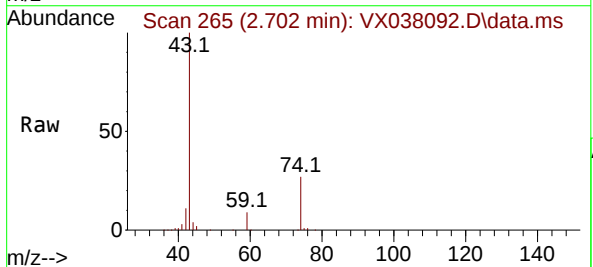
Manual Integrations
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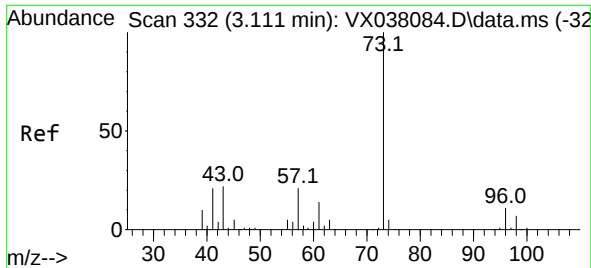
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 20.650 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 43 Resp: 84023
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8





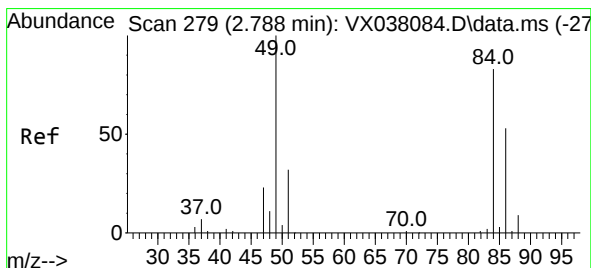
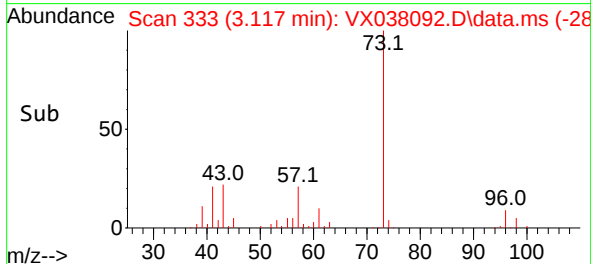
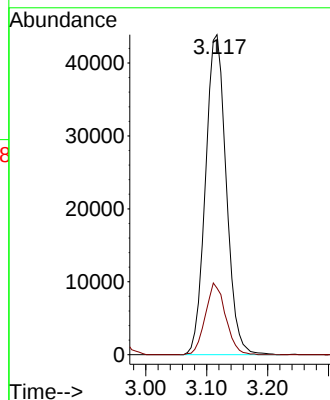
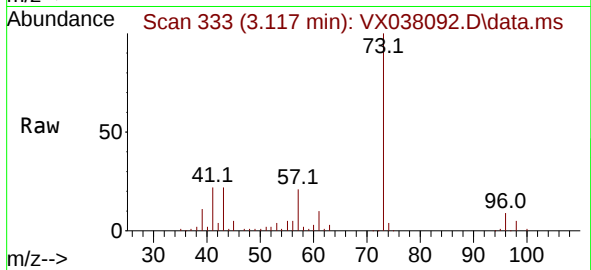
#19
Methyl tert-butyl Ether
Concen: 20.140 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 10373
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

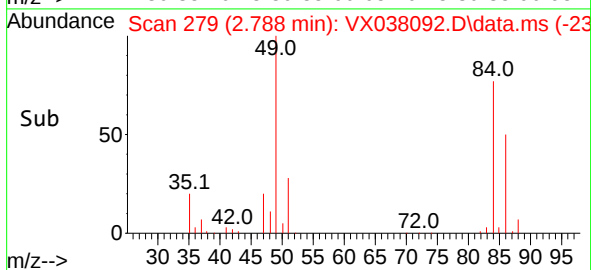
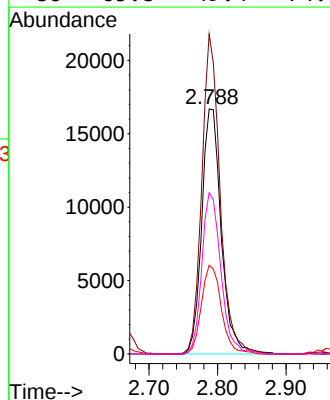
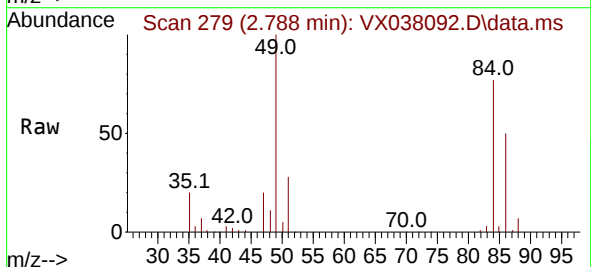
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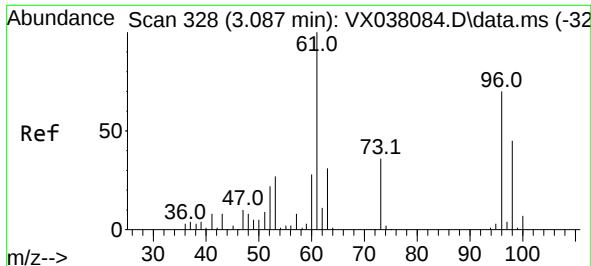
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 18.569 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

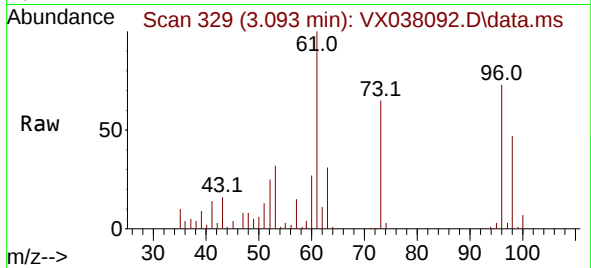
Tgt Ion: 84 Resp: 33141
Ion Ratio Lower Upper
84 100
49 130.6 103.6 155.4
51 36.2 33.8 50.6
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.026 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

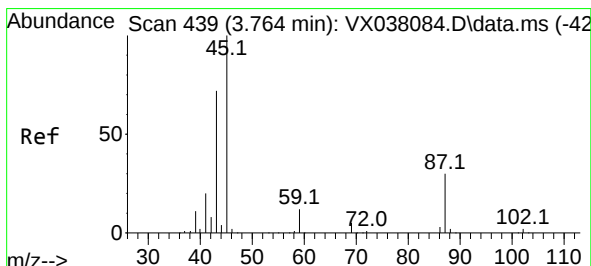
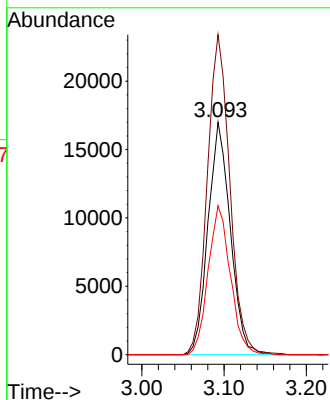
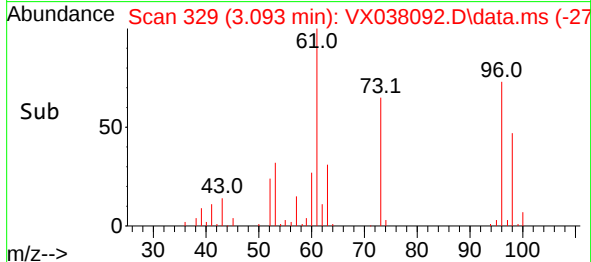
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 3206
Ion Ratio Lower Upper
96 100
61 137.6 119.2 178.8
98 64.1 48.7 73.1

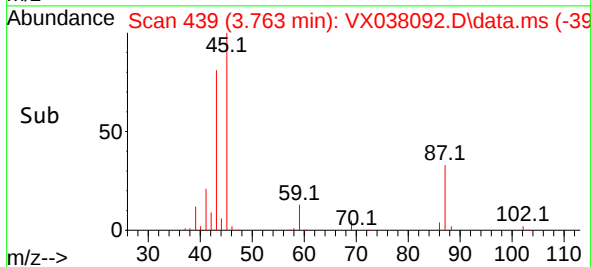
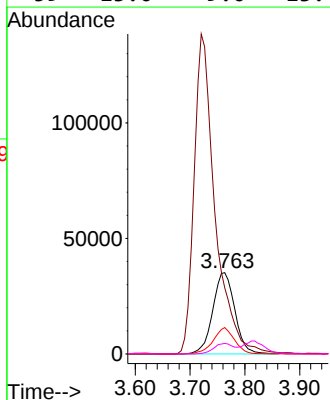
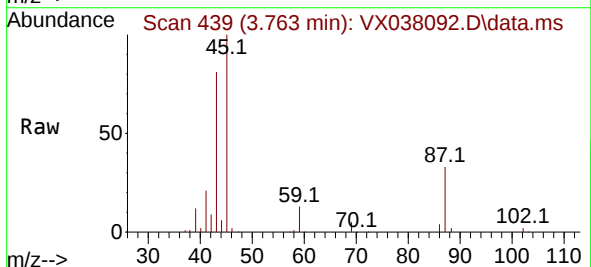
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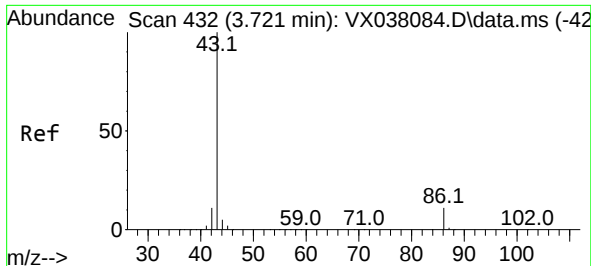
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 20.274 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 45 Resp: 98286
Ion Ratio Lower Upper
45 100
43 80.5 69.7 104.5
87 32.5 20.8 31.2#
59 13.0 9.0 13.4





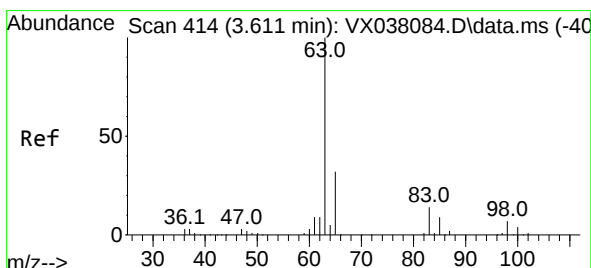
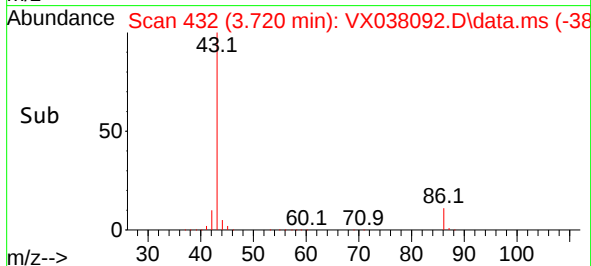
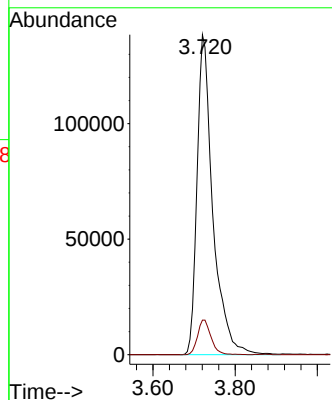
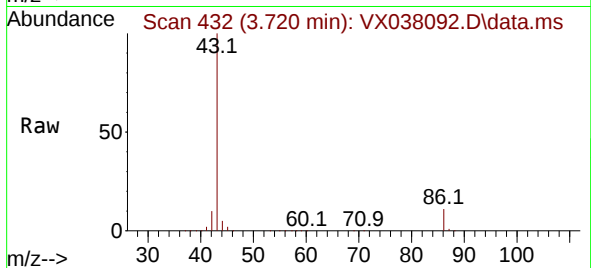
#23
 Vinyl Acetate
 Concen: 103.911 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX038092.D
 Acq: 05 Oct 2023 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 36942
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

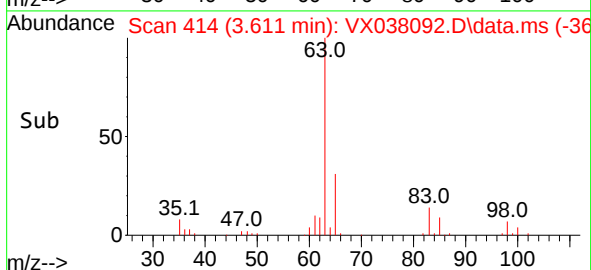
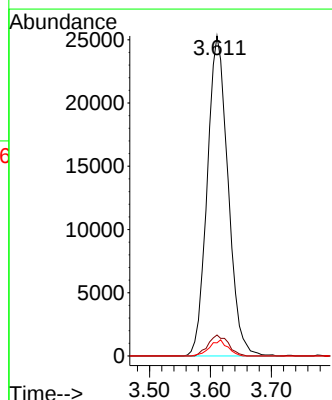
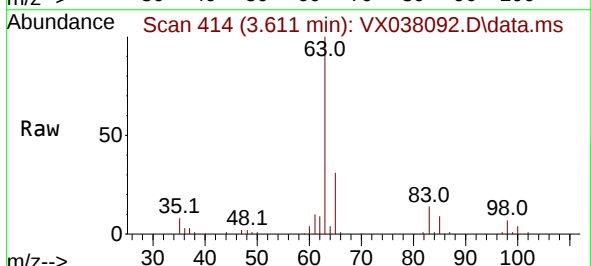
Manual Integrations
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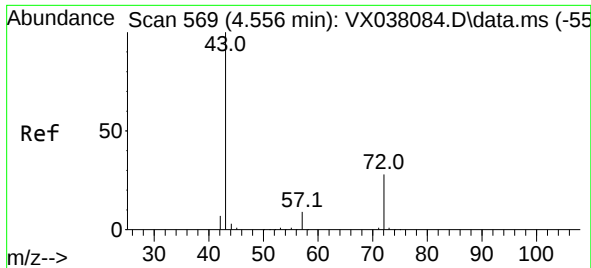
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 20.408 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038092.D
 Acq: 05 Oct 2023 10:45

Tgt Ion: 63 Resp: 60042
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.1 2.1 6.5





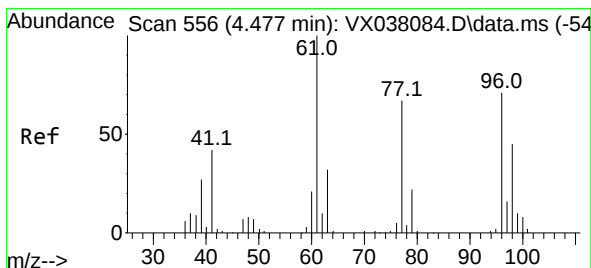
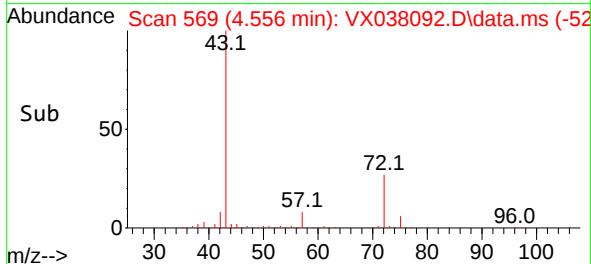
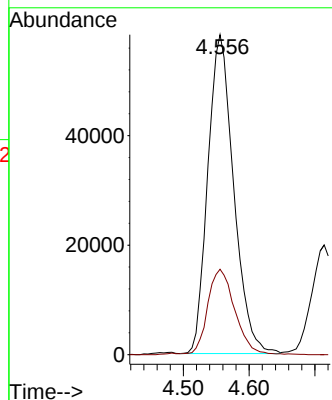
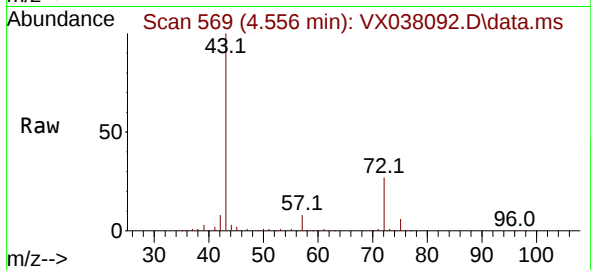
#25
2-Butanone
Concen: 103.981 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 159180
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

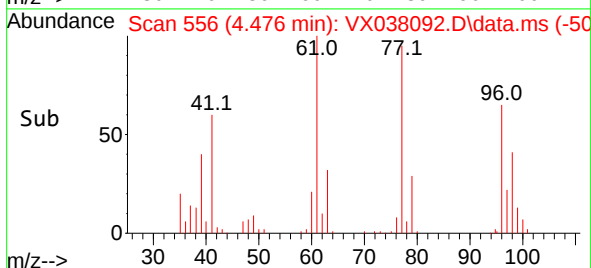
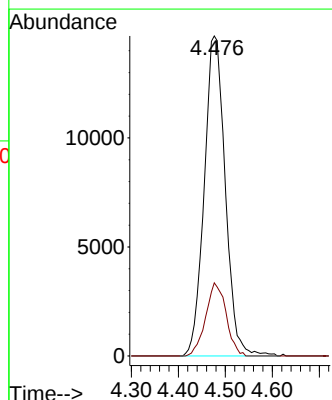
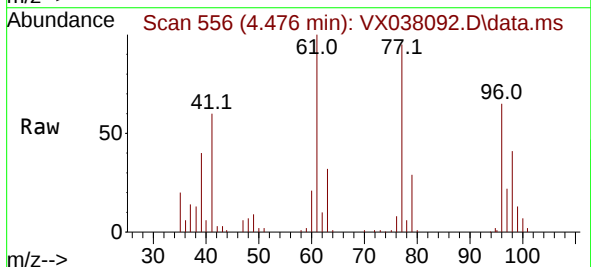
Manual Integrations
APPROVED

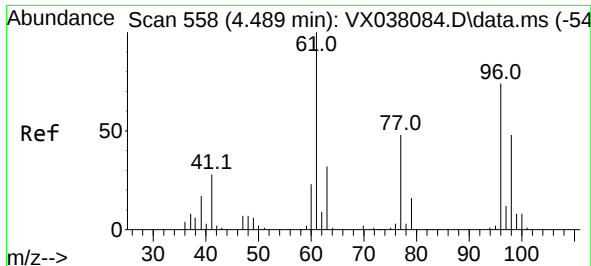
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 19.891 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 77 Resp: 45689
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.002 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 3814

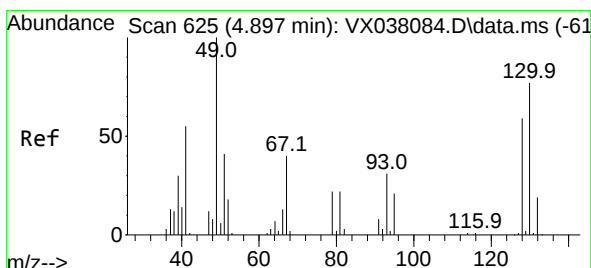
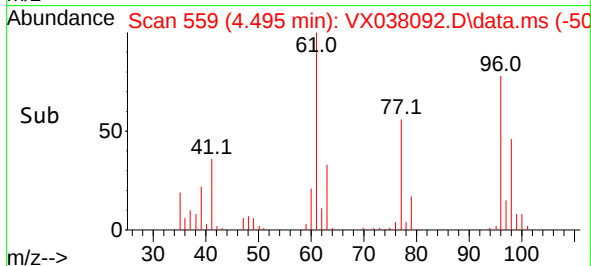
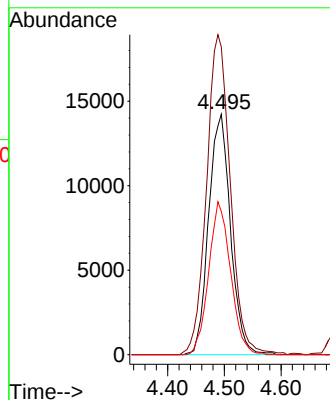
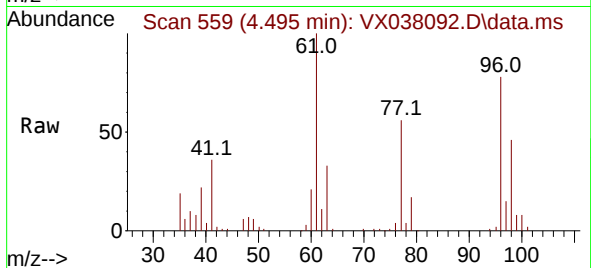
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	312.2
98	63.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#28

Bromochloromethane

Concen: 20.361 ug/l

RT: 4.897 min Scan# 625

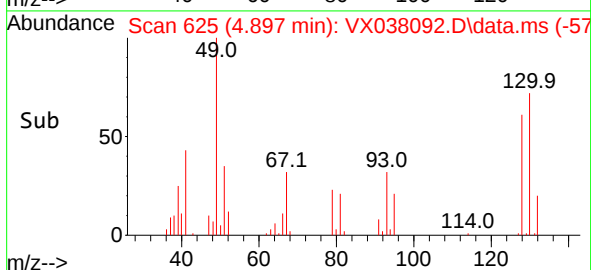
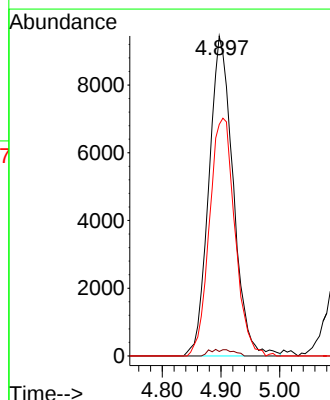
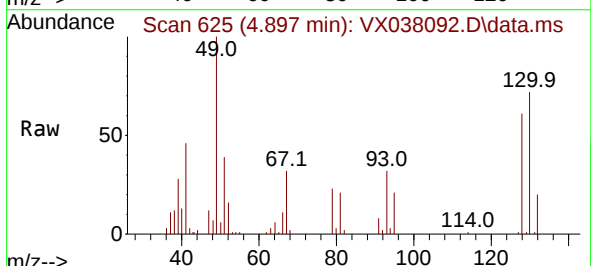
Delta R.T. -0.000 min

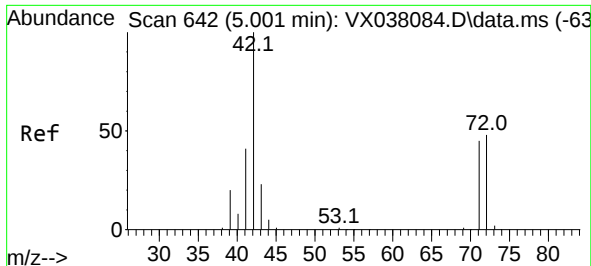
Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion: 49 Resp: 27042

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	78.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 103.905 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 103564

Ion Ratio Lower Upper

42 100

72 47.9 34.2 51.4

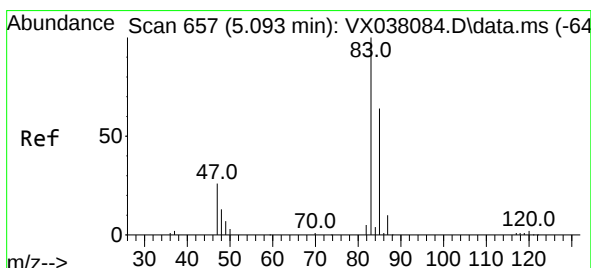
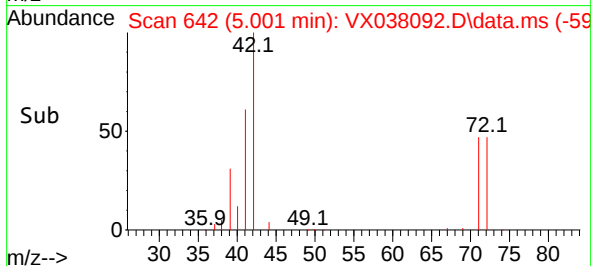
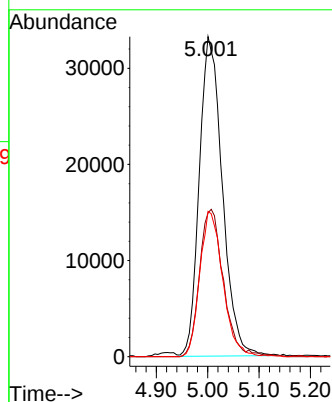
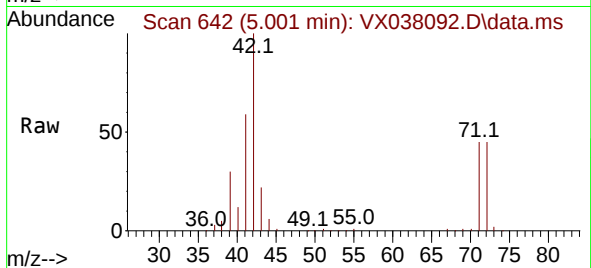
71 45.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 20.462 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX038092.D

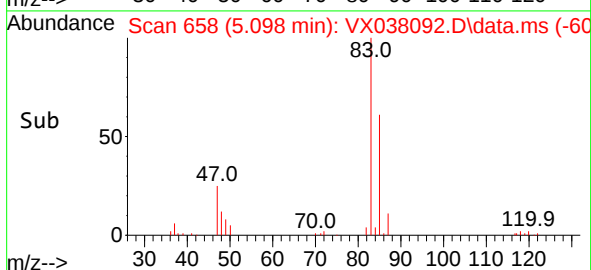
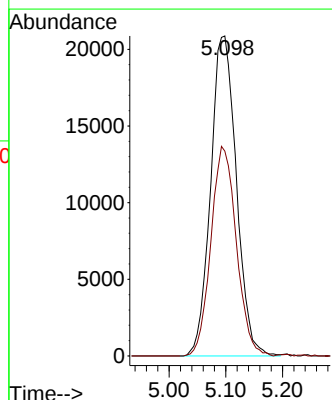
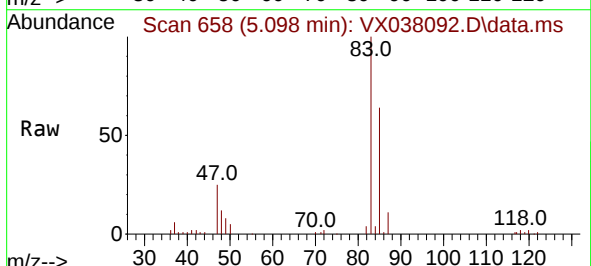
Acq: 05 Oct 2023 10:45

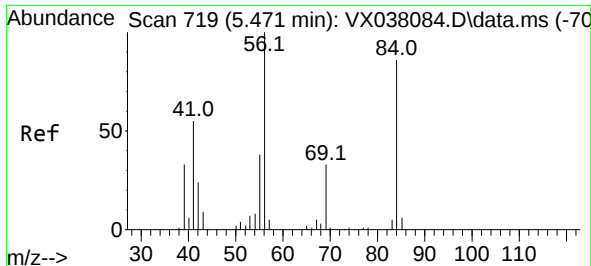
Tgt Ion: 83 Resp: 65831

Ion Ratio Lower Upper

83 100

85 64.0 50.3 75.5





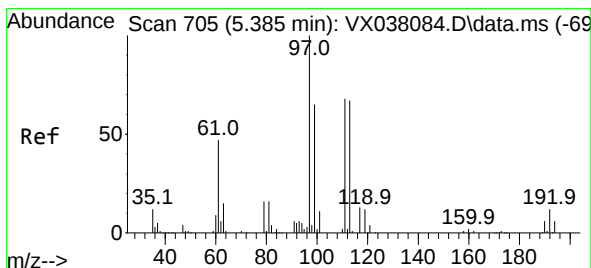
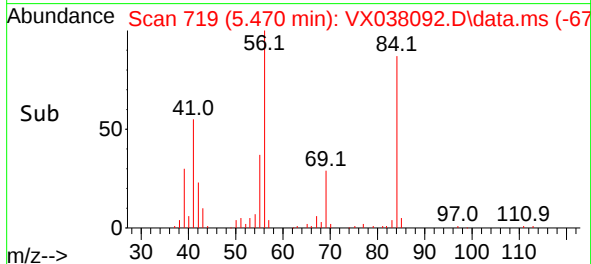
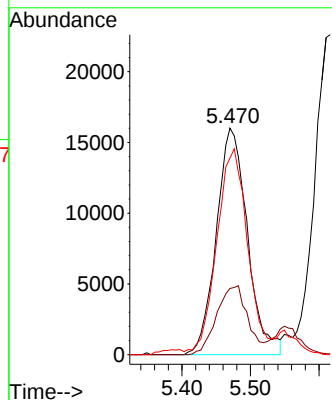
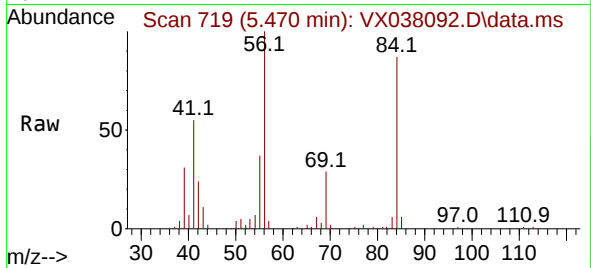
#31
Cyclohexane
Concen: 20.491 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 50472
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.2
84 84.5 65.9 98.9

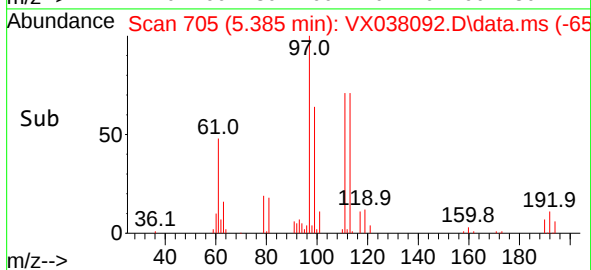
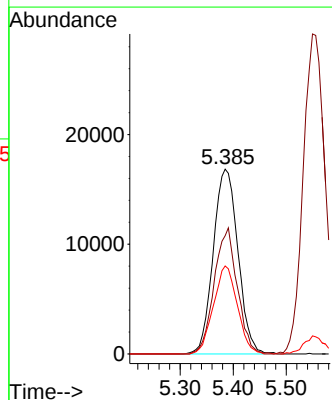
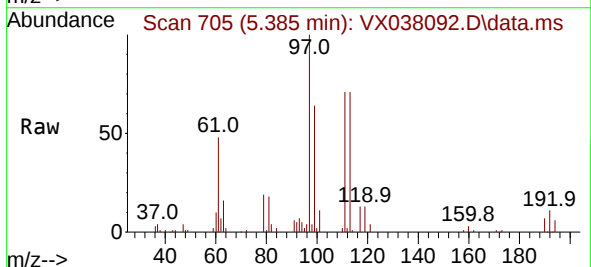
Manual Integrations
APPROVED

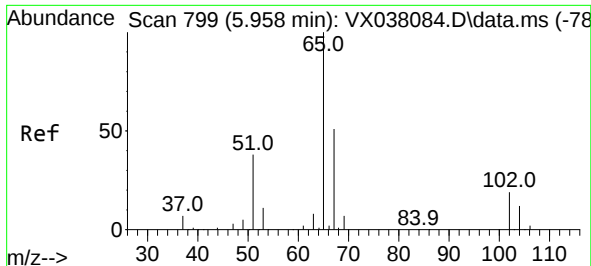
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#32
1,1,1-Trichloroethane
Concen: 19.802 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 97 Resp: 54567
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 45.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.709 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4708

Ion Ratio Lower Upper

65 100

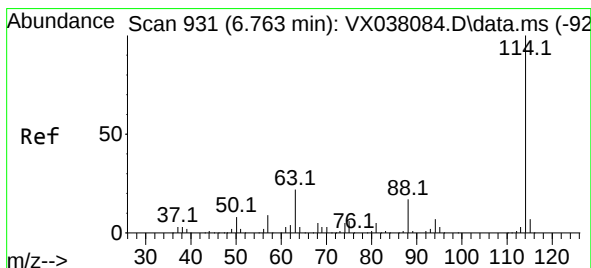
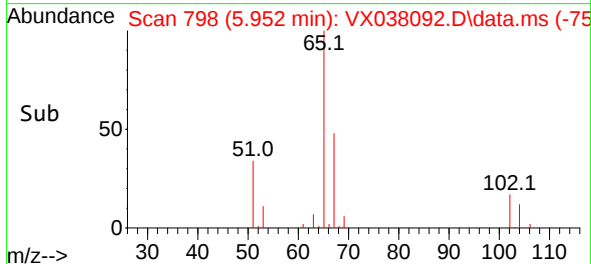
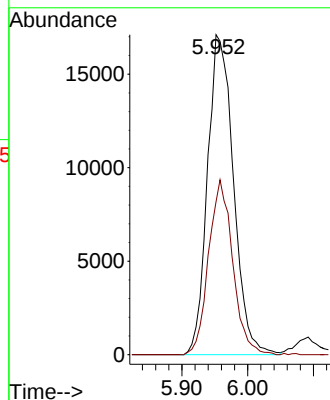
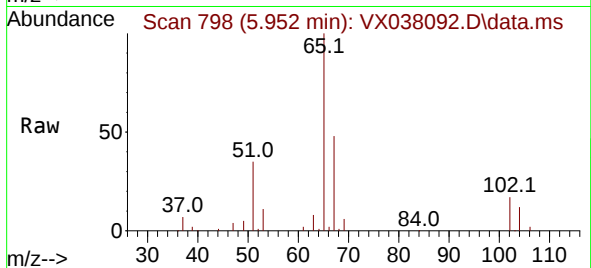
67 50.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

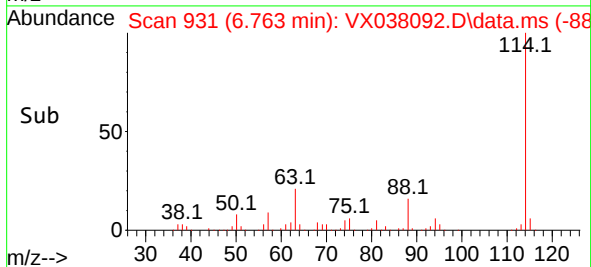
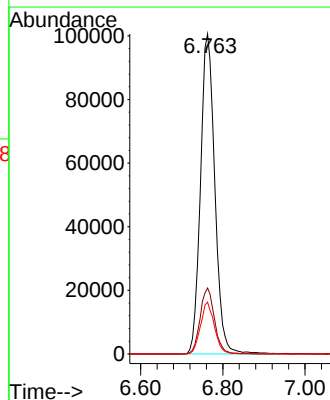
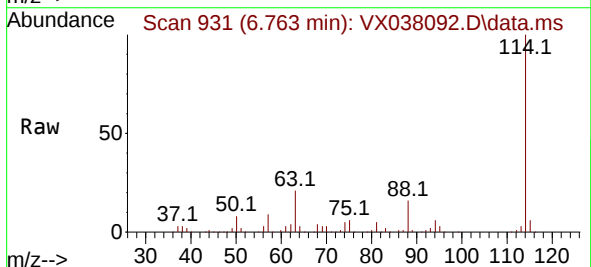
Tgt Ion:114 Resp: 243298

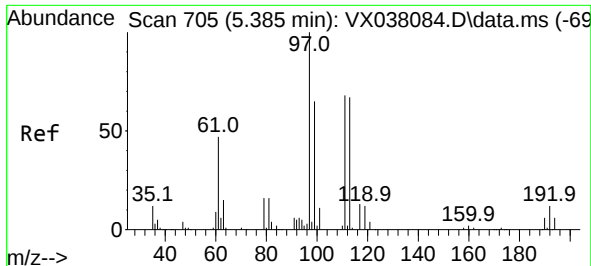
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 20.347 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

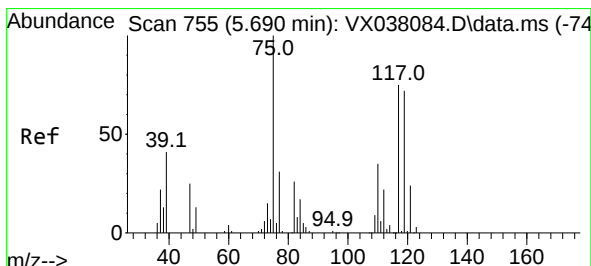
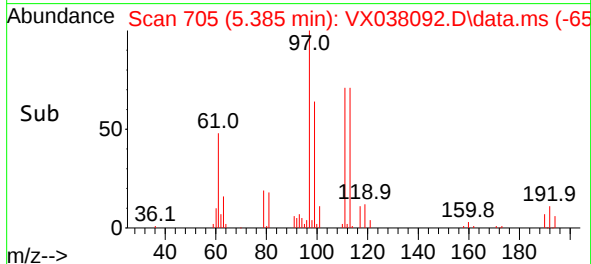
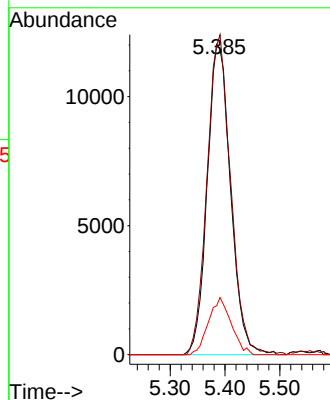
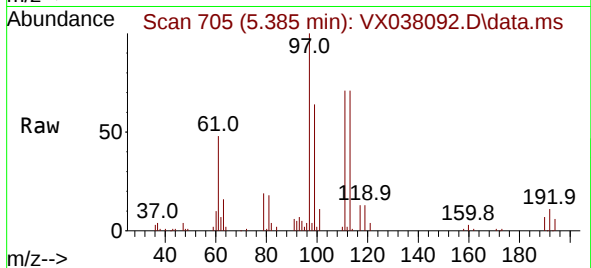
Tgt Ion:	113	Resp:	3567
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	17.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 19.005 ug/l

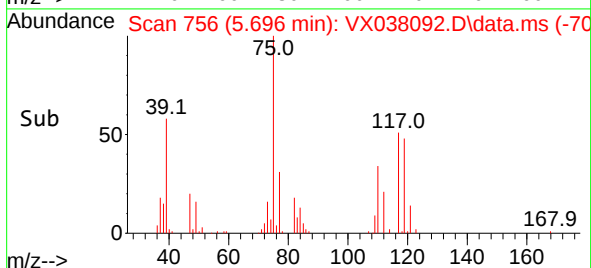
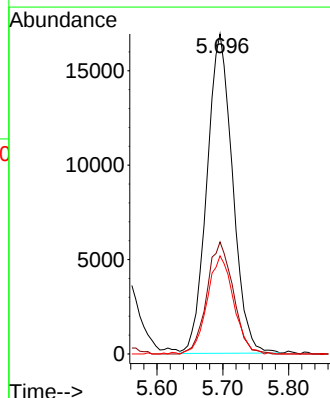
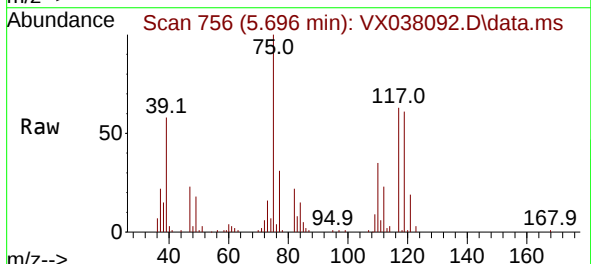
RT: 5.696 min Scan# 756

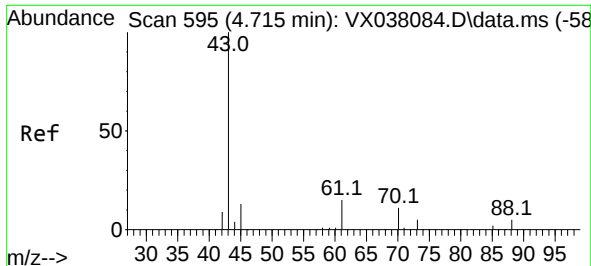
Delta R.T. 0.006 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion:	75	Resp:	45945
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.0	50.9
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 19.912 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

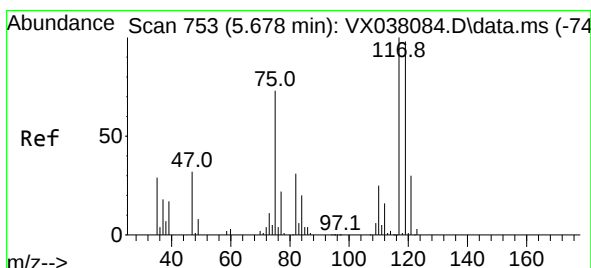
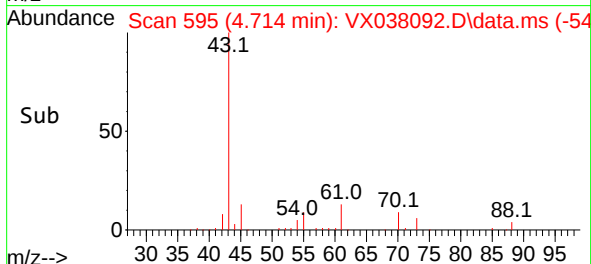
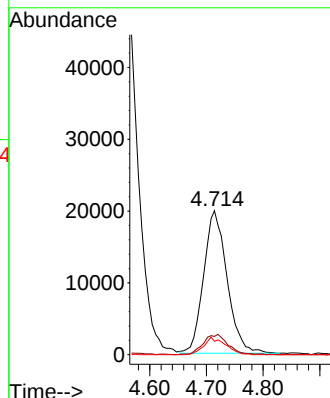
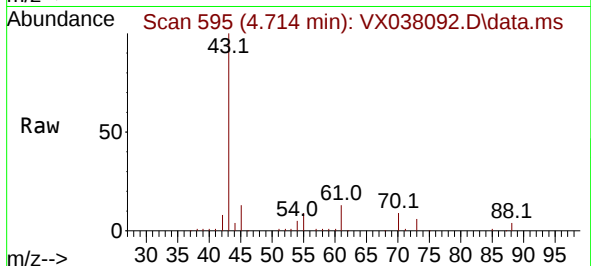
Tgt Ion:	43	Resp:	57169
Ion Ratio	Lower	Upper	
43	100		
61	15.2	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 19.117 ug/l

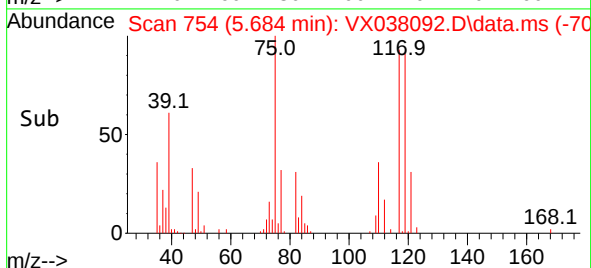
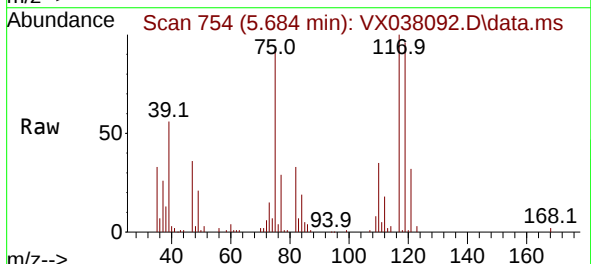
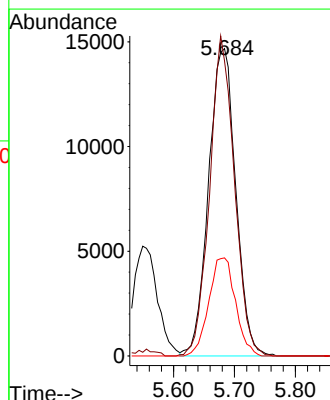
RT: 5.684 min Scan# 754

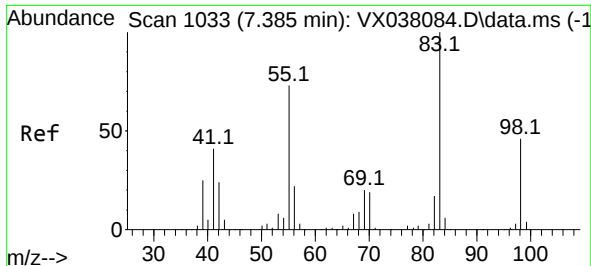
Delta R.T. 0.006 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion:	117	Resp:	45464
Ion Ratio	Lower	Upper	
117	100		
119	96.0	78.2	117.2
121	31.9	24.4	36.6





#39
Methylcyclohexane
Concen: 19.620 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

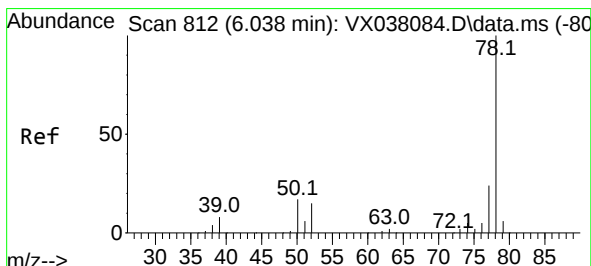
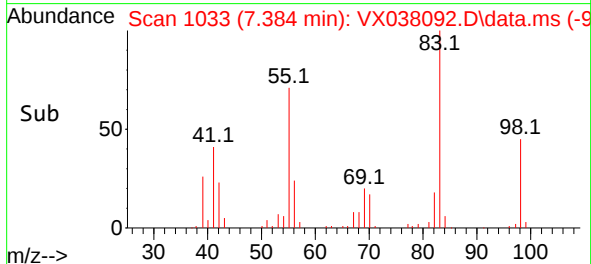
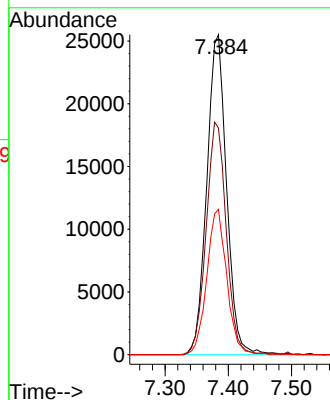
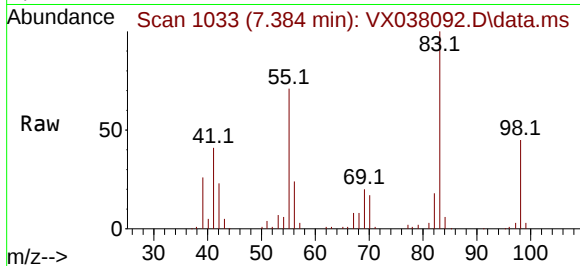
Tgt Ion: 83 Resp: 5555
Ion Ratio Lower Upper
83 100
55 70.9 64.6 97.0
98 45.4 36.7 55.1

Manual Integrations

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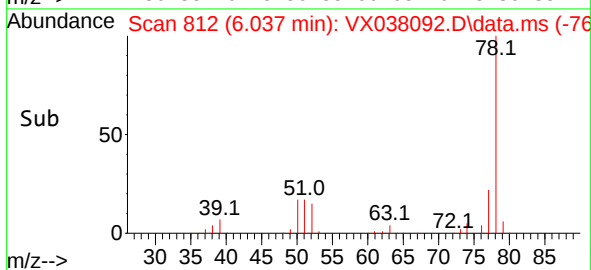
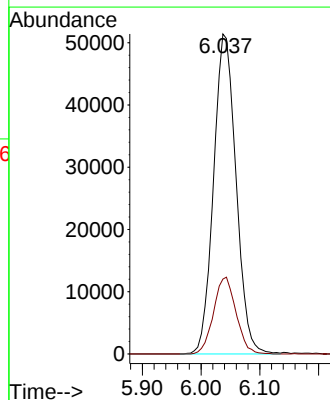
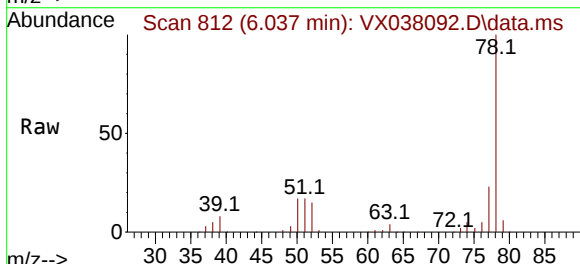
Reviewed By :John Carlone 10/05/2023

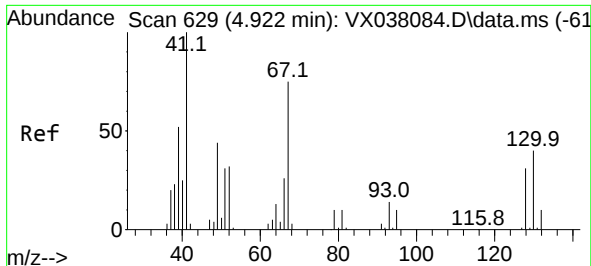
Supervised By :Mahesh Dadoda 10/06/2023



#40
Benzene
Concen: 20.211 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 78 Resp: 136663
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





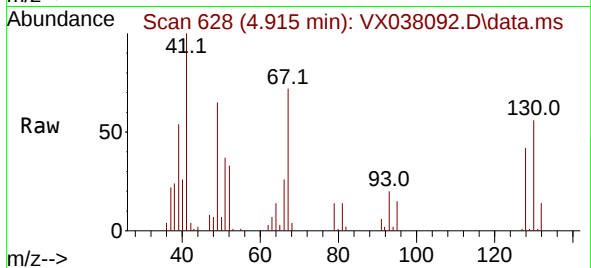
#41
Methacrylonitrile
Concen: 20.544 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



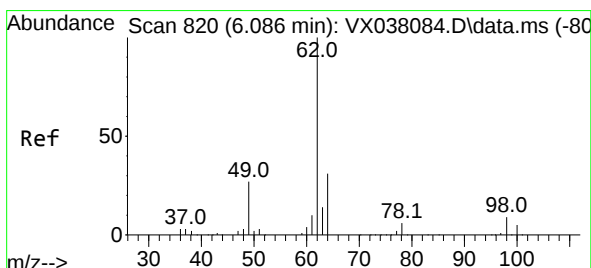
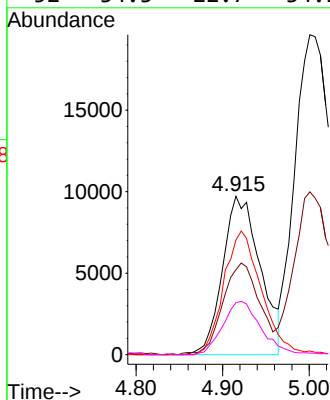
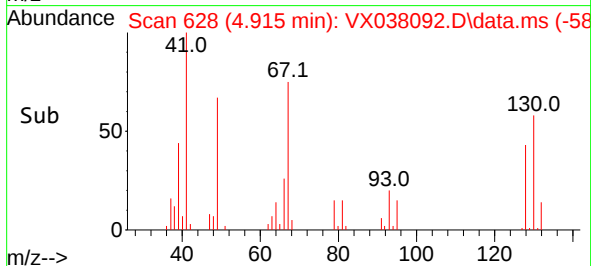
Tgt Ion: 41 Resp: 2934
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 78.3 52.6 78.8
52 34.3 22.7 34.1#

Manual Integrations

APPROVED

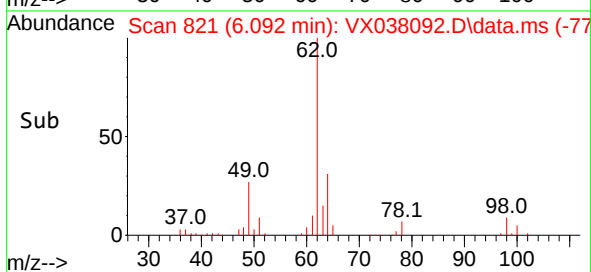
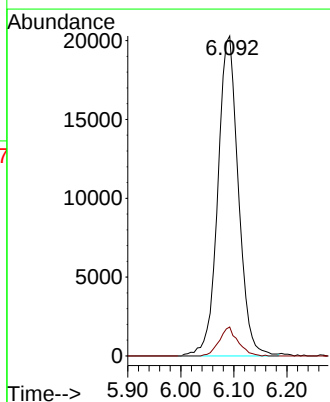
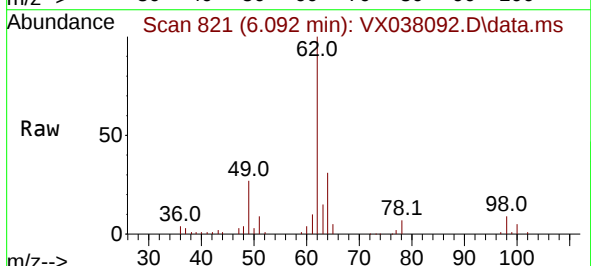
Reviewed By :John Carlone 10/05/2023

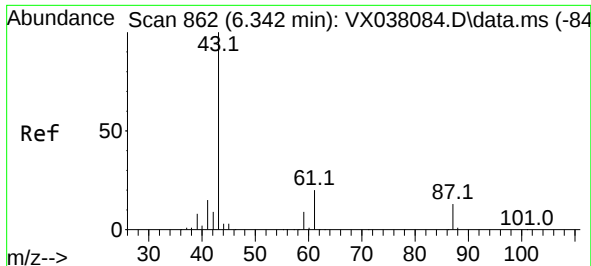
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 20.217 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

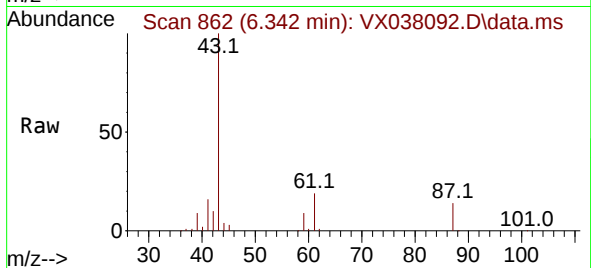
Tgt Ion: 62 Resp: 54616
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.420 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

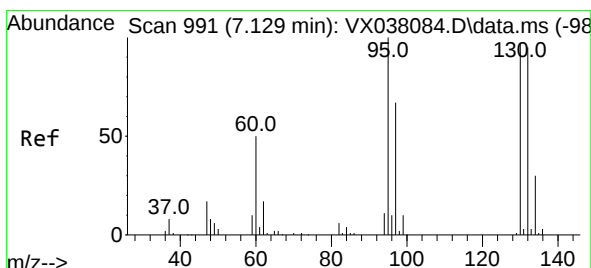
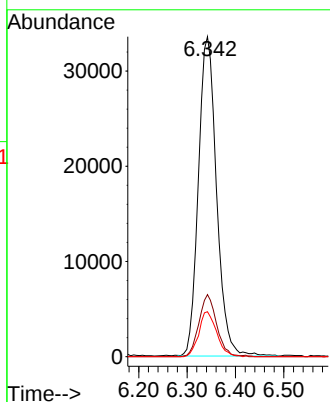
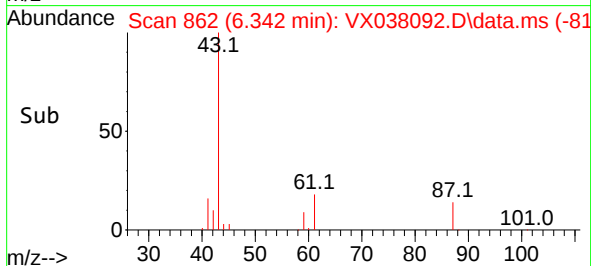
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



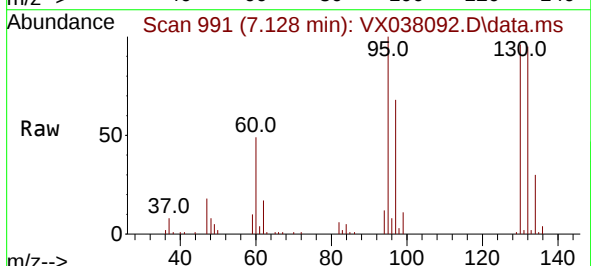
Tgt Ion: 43 Resp: 8752
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 13.9 9.8 14.6

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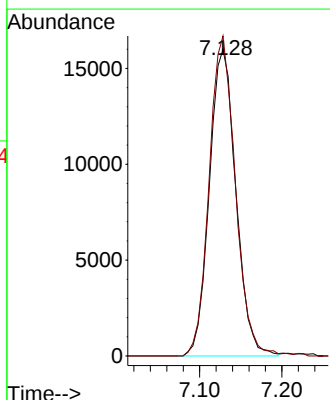
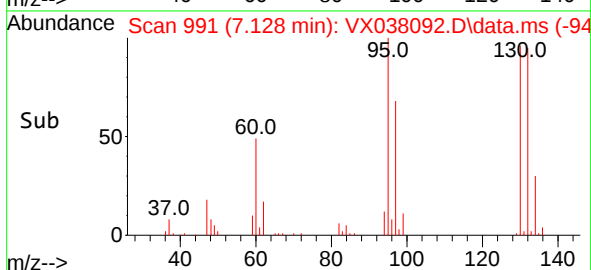
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

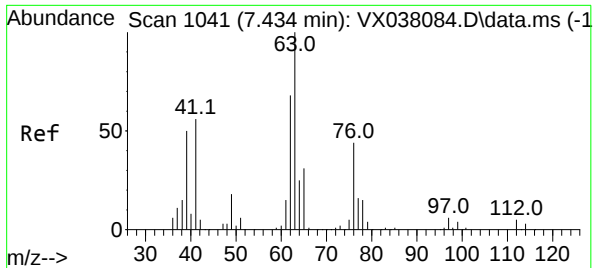


#44
Trichloroethene
Concen: 20.240 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45



Tgt Ion:130 Resp: 35795
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.4





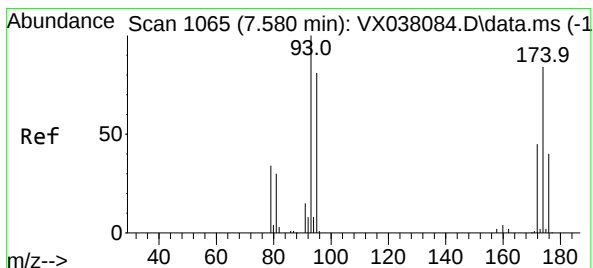
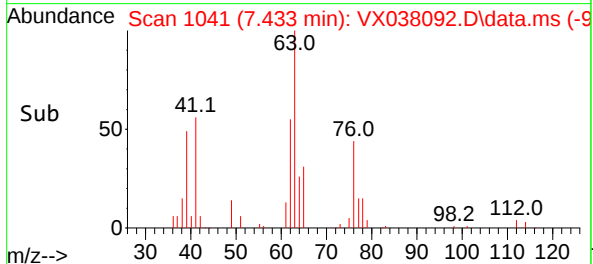
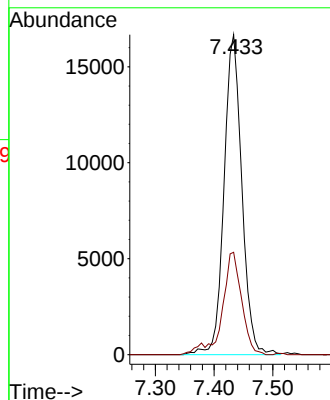
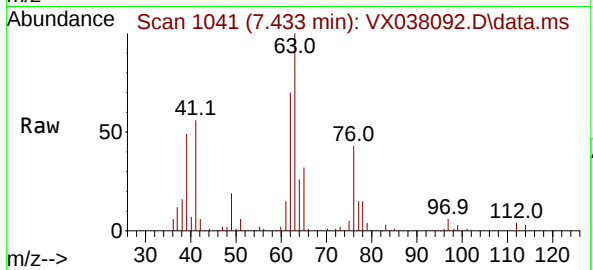
#45
1,2-Dichloropropane
Concen: 20.072 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 3512
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5

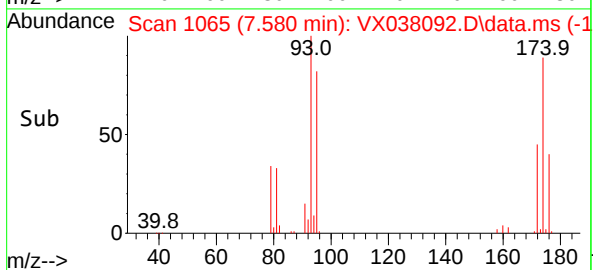
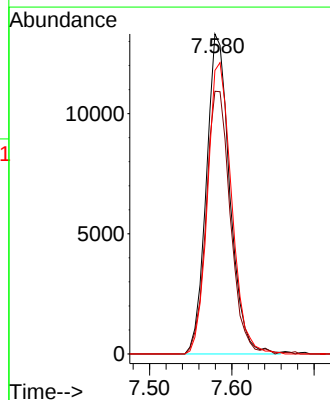
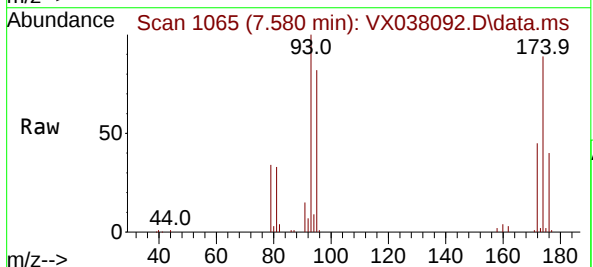
Manual Integrations
APPROVED

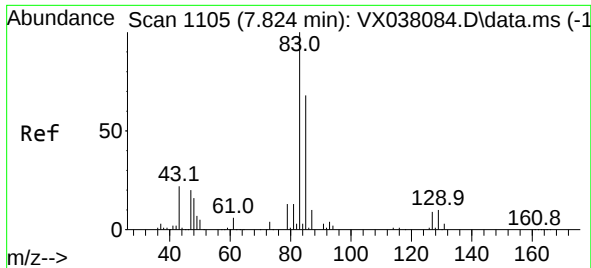
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#46
Dibromomethane
Concen: 19.463 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 93 Resp: 26417
Ion Ratio Lower Upper
93 100
95 84.8 66.6 100.0
174 93.3 69.4 104.0





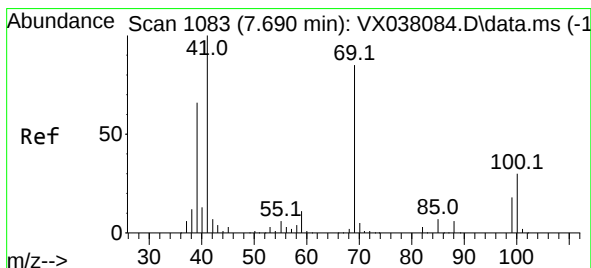
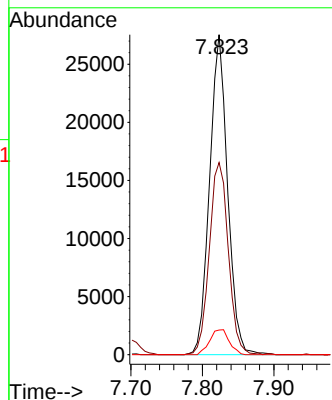
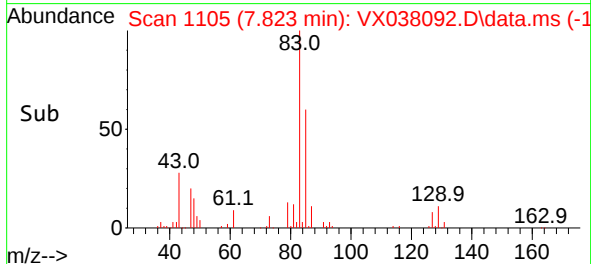
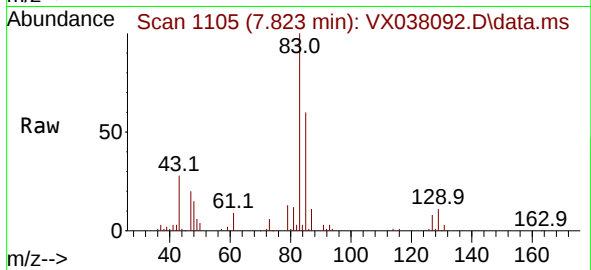
#47
Bromodichloromethane
Concen: 19.934 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4813
Ion Ratio Lower Upper
83 100
85 60.1 49.8 74.6
127 7.7 7.1 10.7

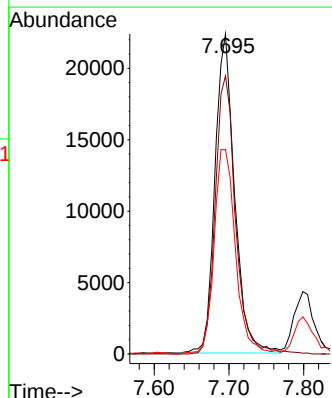
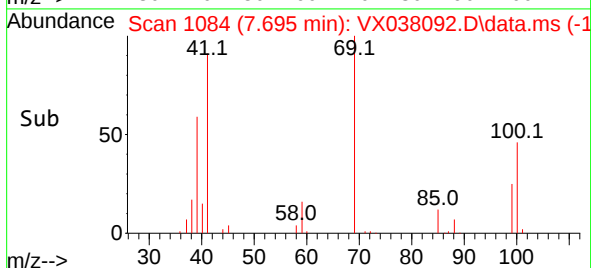
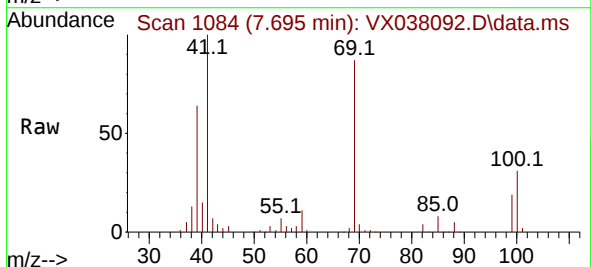
Manual Integrations
APPROVED

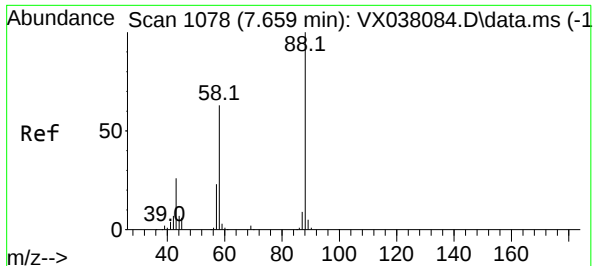
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 19.940 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 41 Resp: 40799
Ion Ratio Lower Upper
41 100
69 90.1 59.2 88.8#
39 69.6 47.7 71.5





#49

1,4-Dioxane

Concen: 419.666 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

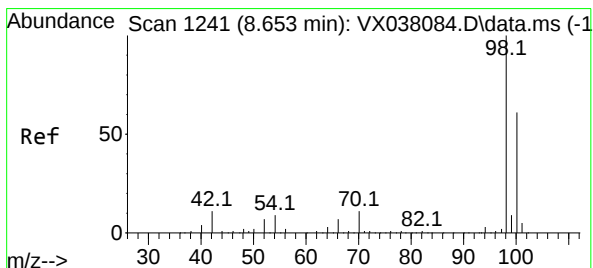
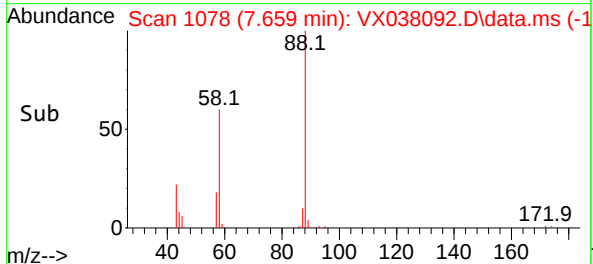
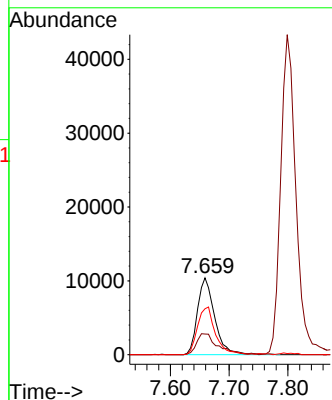
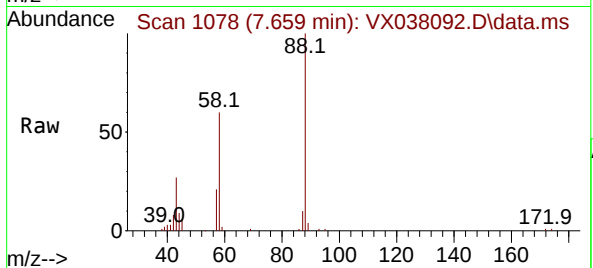
Tgt Ion: 88 Resp: 21160
 Ion Ratio Lower Upper
 88 100
 43 32.9 0.0 0.0
 58 64.2 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 20.291 ug/l

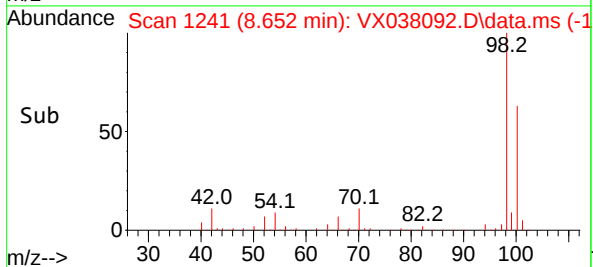
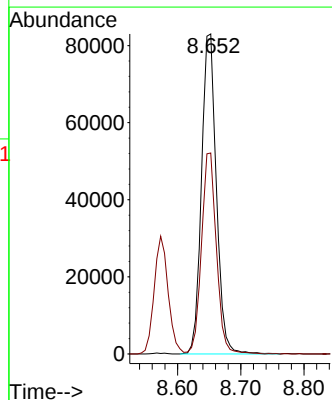
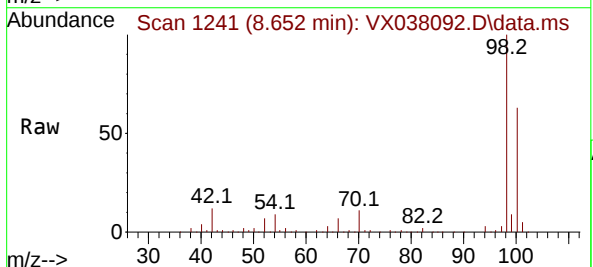
RT: 8.652 min Scan# 1241

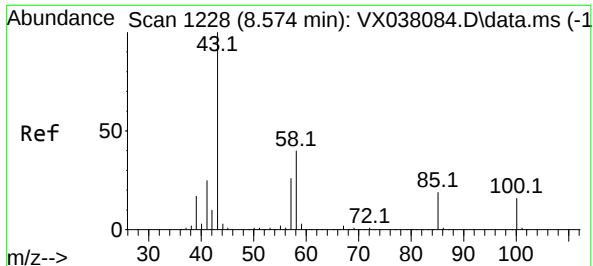
Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion: 98 Resp: 135928
 Ion Ratio Lower Upper
 98 100
 100 63.1 53.1 79.7





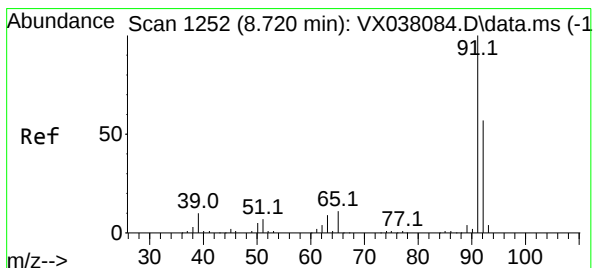
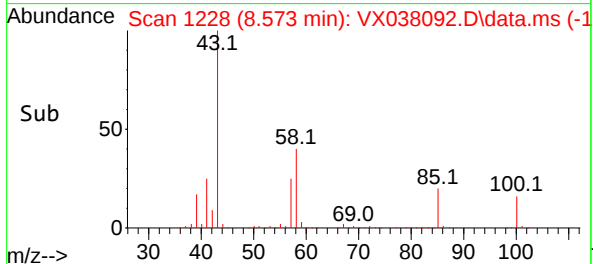
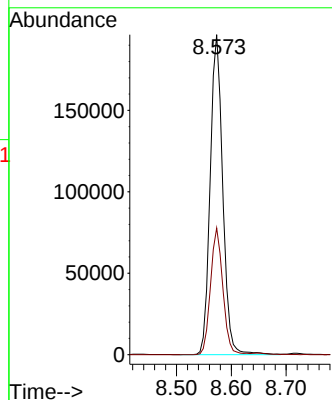
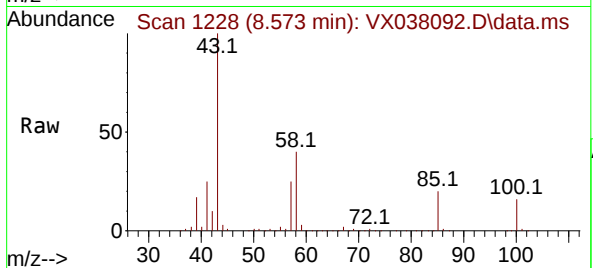
#51
4-Methyl-2-Pentanone
Concen: 105.322 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 31137
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

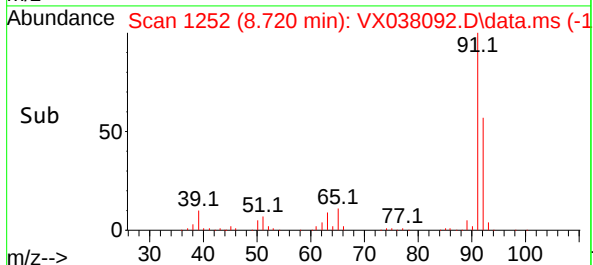
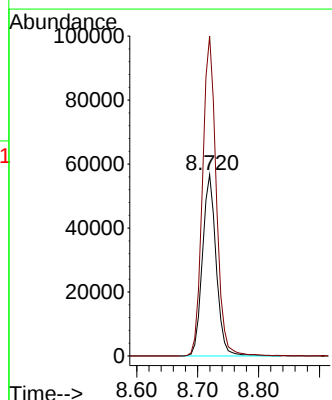
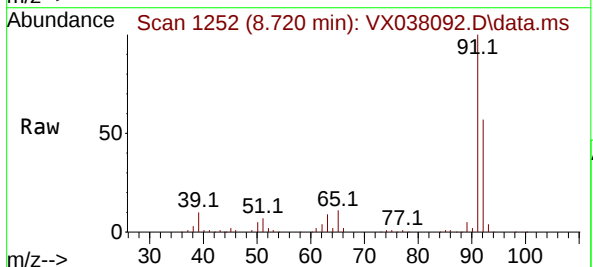
Manual Integrations
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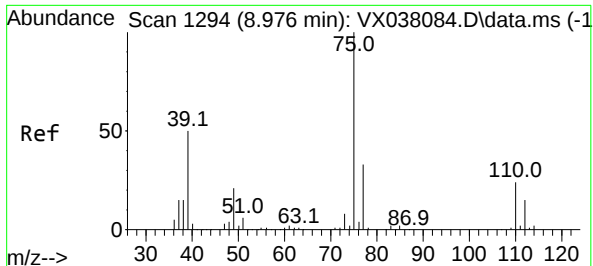
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 20.230 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 92 Resp: 89104
Ion Ratio Lower Upper
92 100
91 176.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.231 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 4984

Ion Ratio Lower Upper

75 100

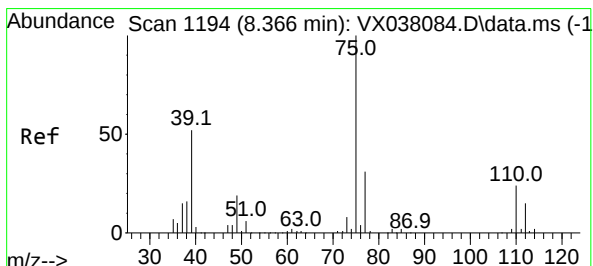
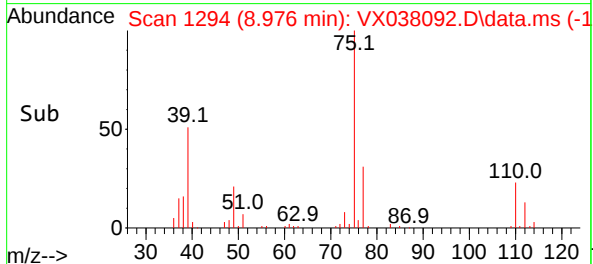
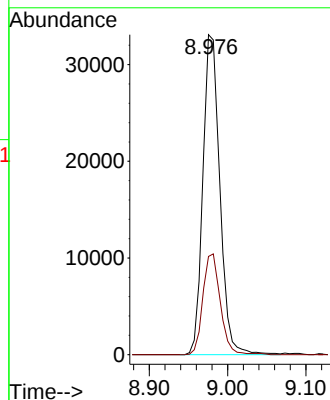
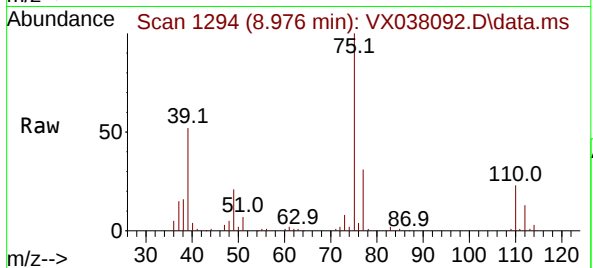
77 30.7 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#54

cis-1,3-Dichloropropene

Concen: 19.986 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

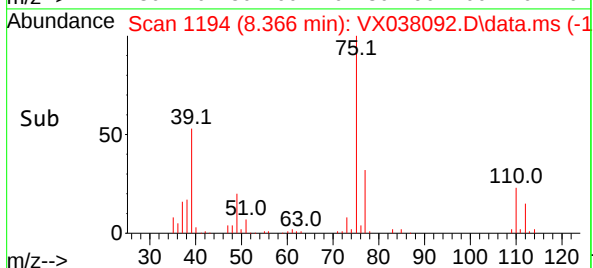
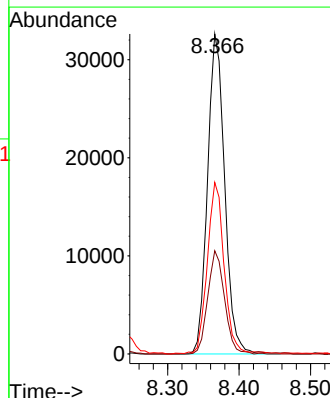
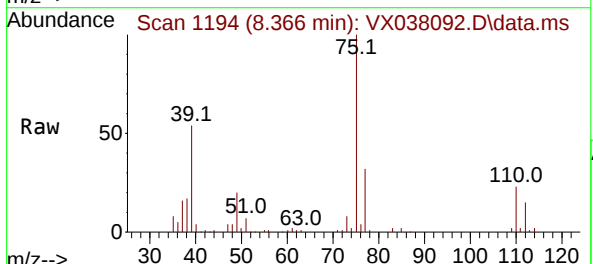
Tgt Ion: 75 Resp: 54423

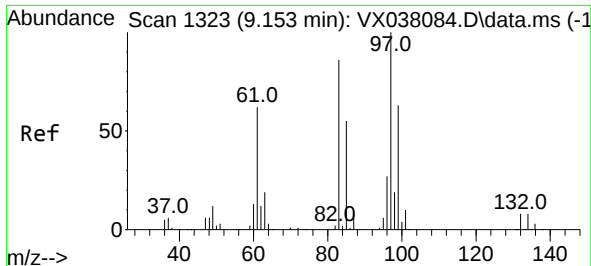
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

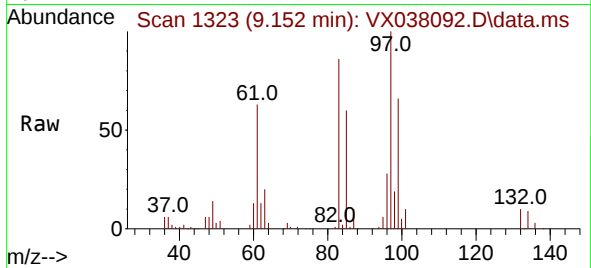
39 53.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.836 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

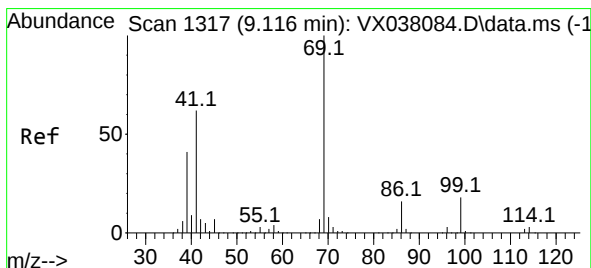
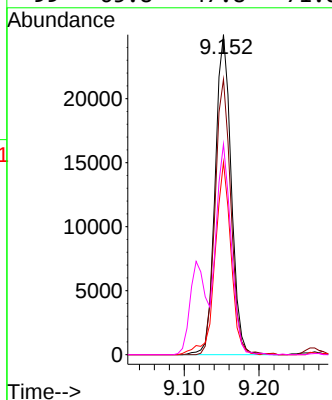
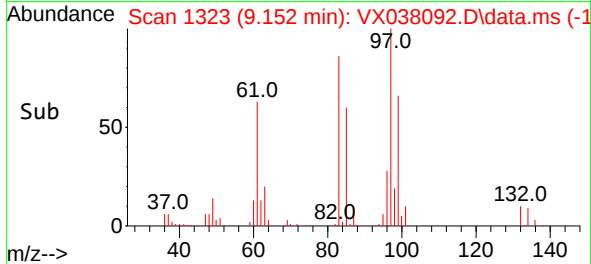


Tgt Ion: 97 Resp: 37370

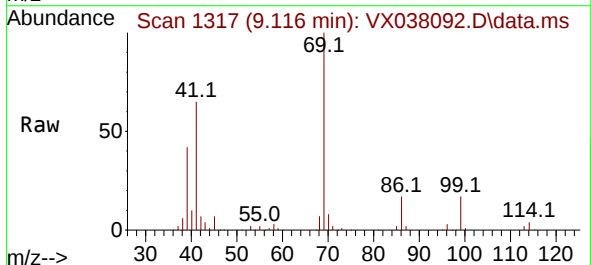
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.8
85	60.1	41.6	62.4
99	65.8	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

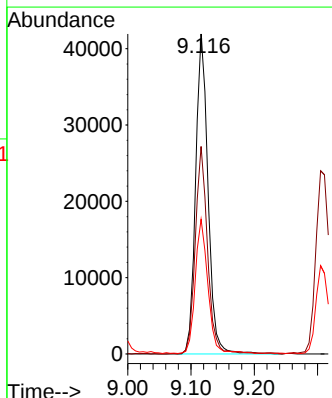
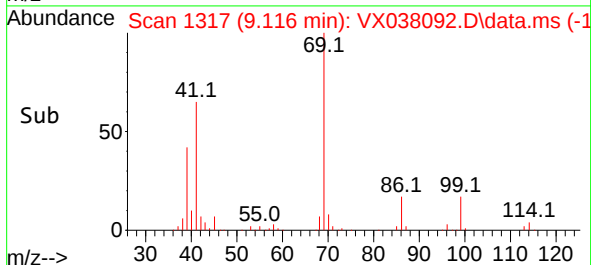


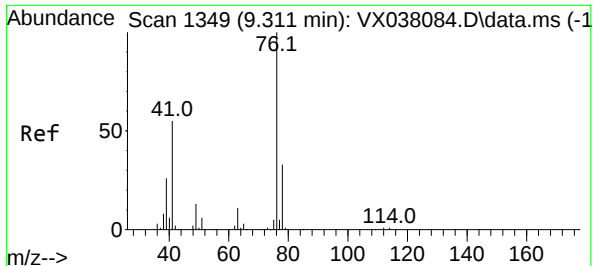
#56
Ethyl methacrylate
Concen: 19.840 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45



Tgt Ion: 69 Resp: 57308

Ion	Ratio	Lower	Upper
69	100		
41	64.5	56.8	85.2
39	43.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.254 ug/l

RT: 9.311 min Scan# 114

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 61714

Ion Ratio Lower Upper

76 100

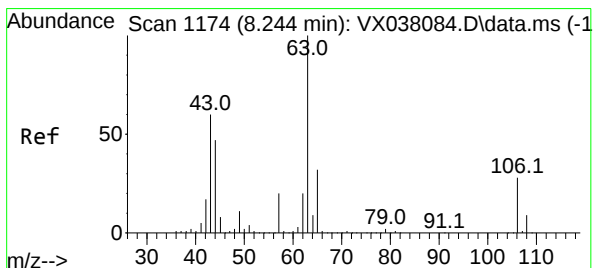
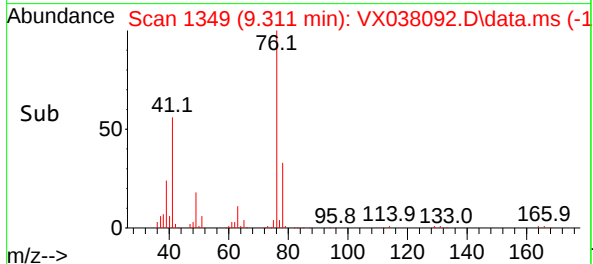
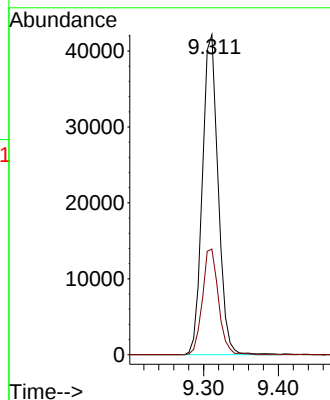
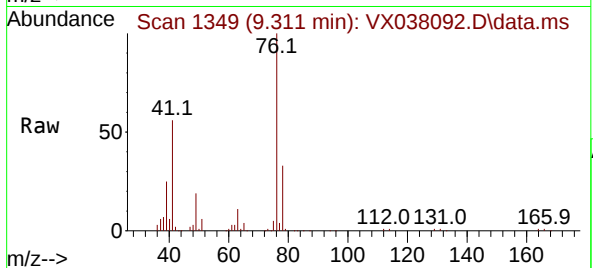
78 33.6 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.750 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038092.D

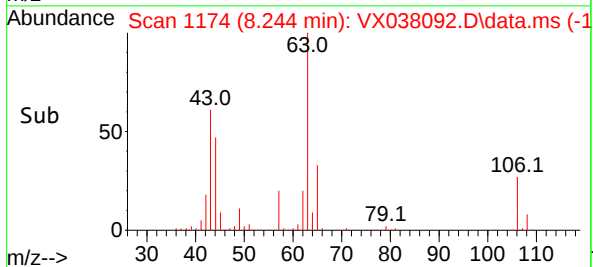
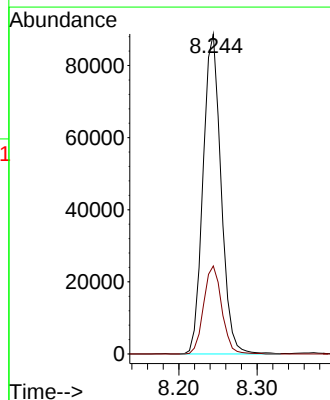
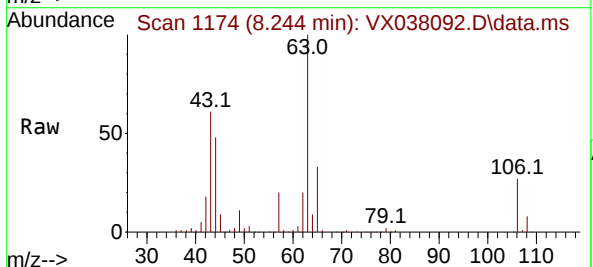
Acq: 05 Oct 2023 10:45

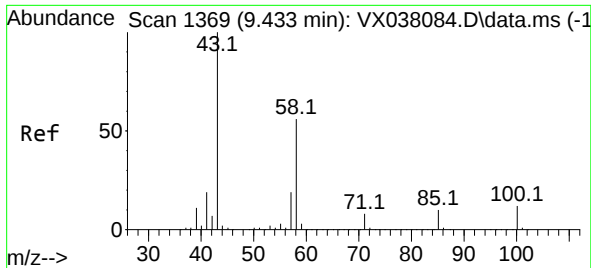
Tgt Ion: 63 Resp: 141433

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7





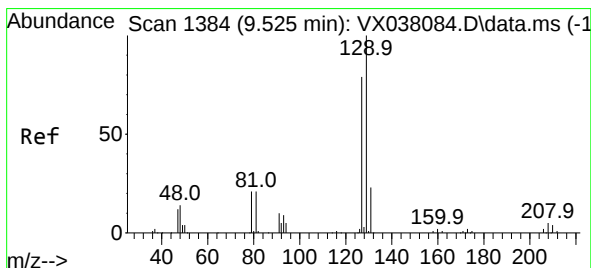
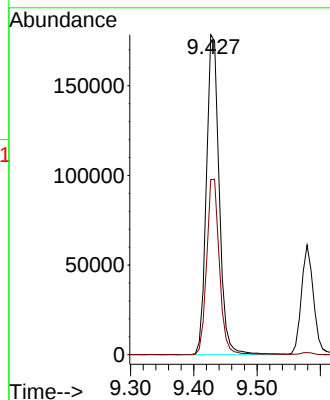
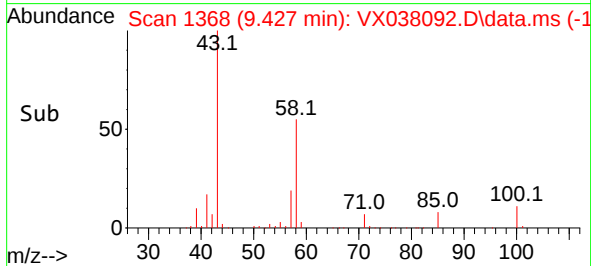
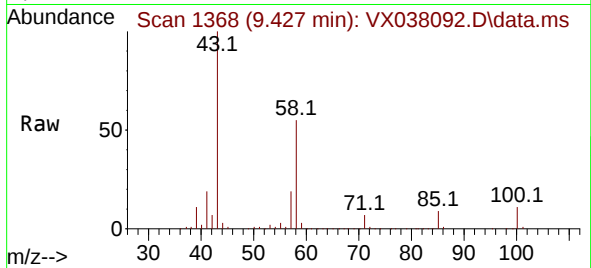
#59
2-Hexanone
Concen: 106.088 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 25214
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5

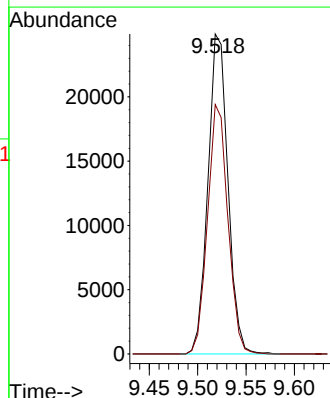
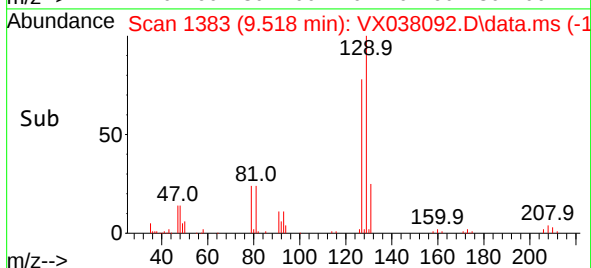
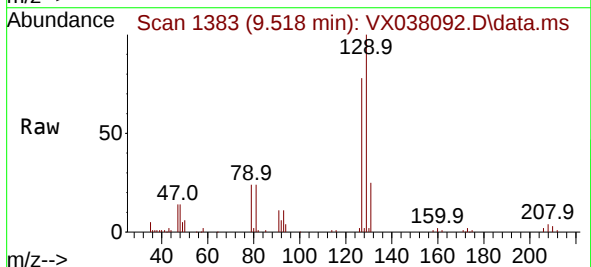
Manual Integrations
APPROVED

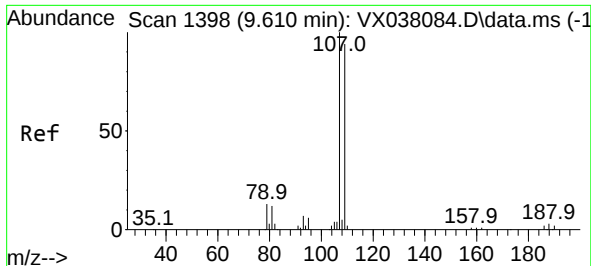
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 19.428 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion:129 Resp: 35822
Ion Ratio Lower Upper
129 100
127 79.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.073 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

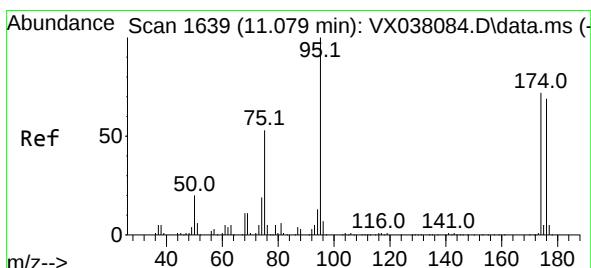
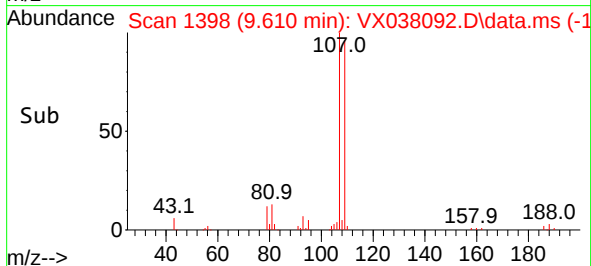
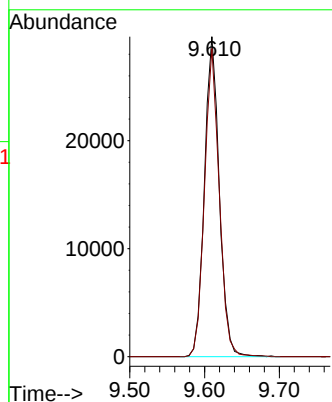
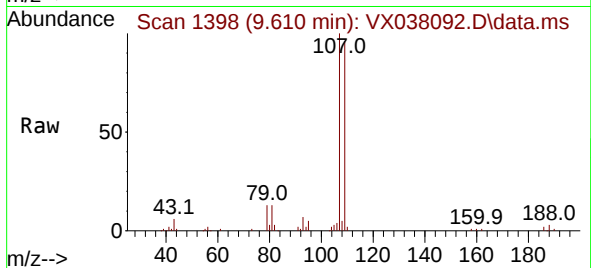
VSTDICC020

Tgt Ion:107 Resp: 4089
Ion Ratio Lower Upper
107 100
109 95.5 75.2 112.8

Manual Integrations

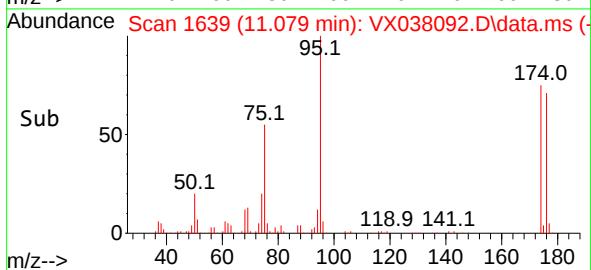
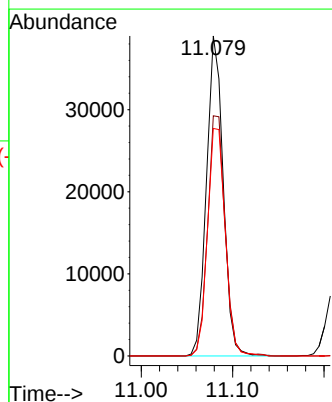
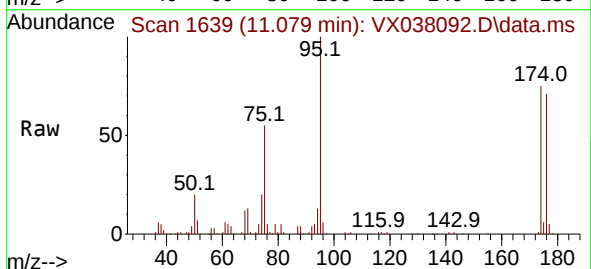
APPROVED

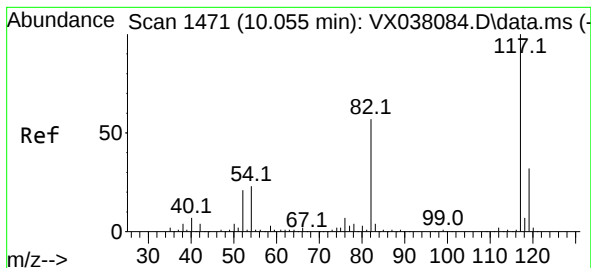
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 19.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

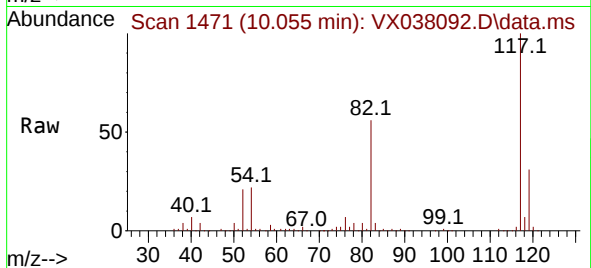
Tgt Ion: 95 Resp: 49373
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 75.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

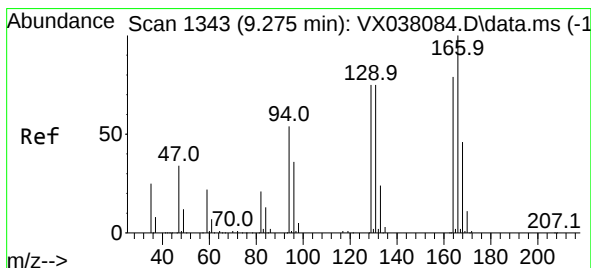
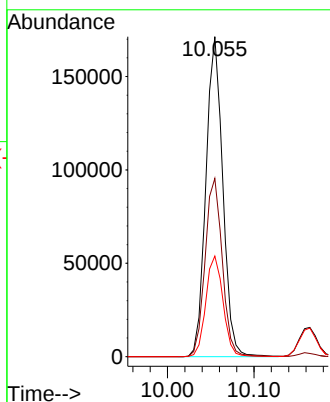
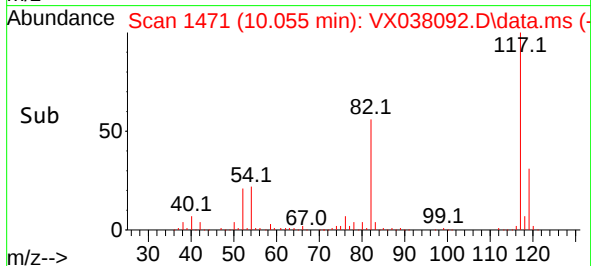
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 23183
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 31.5 25.5 38.3

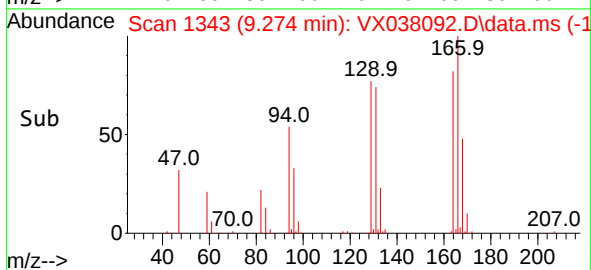
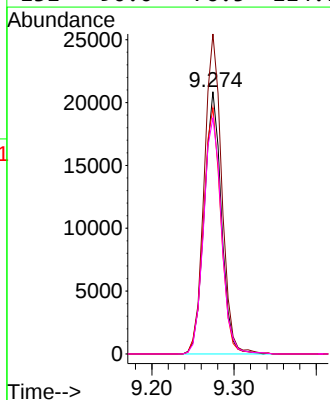
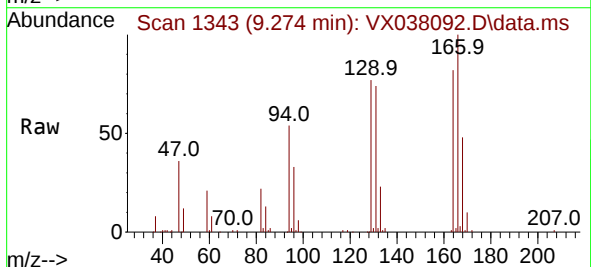
Manual Integrations
APPROVED

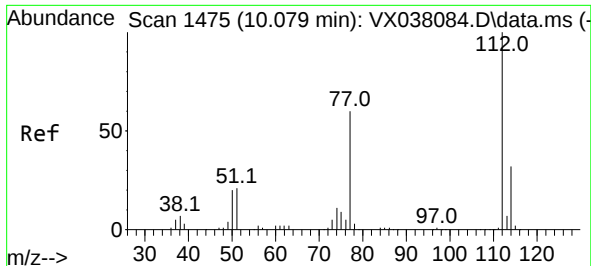
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 20.072 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion:164 Resp: 30125
Ion Ratio Lower Upper
164 100
166 122.0 102.7 154.1
129 93.9 80.4 120.6
131 90.0 76.5 114.7





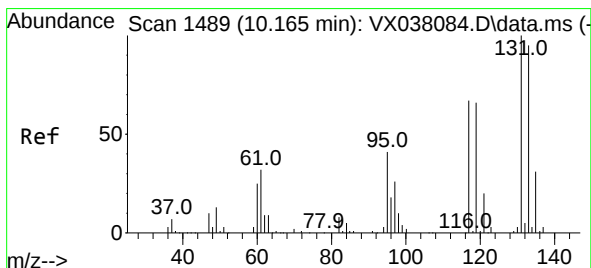
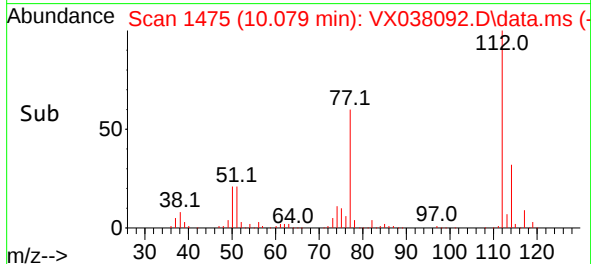
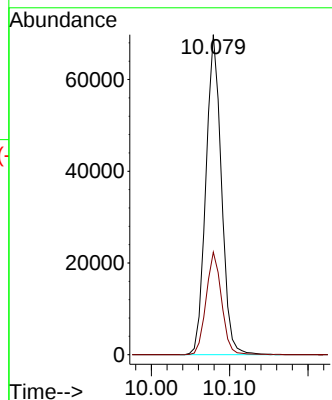
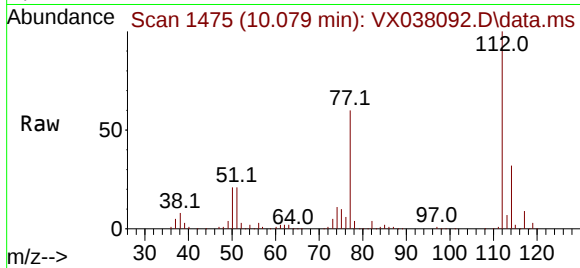
#65
Chlorobenzene
Concen: 19.772 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 95910
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

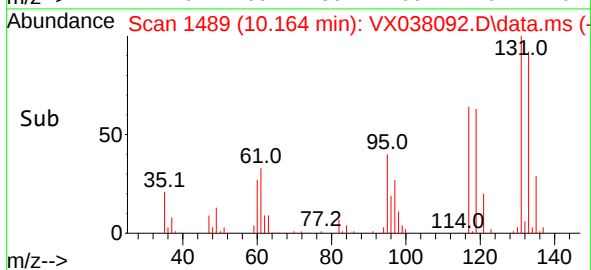
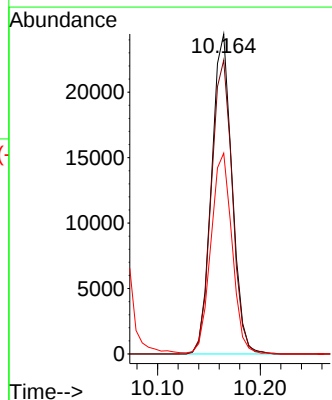
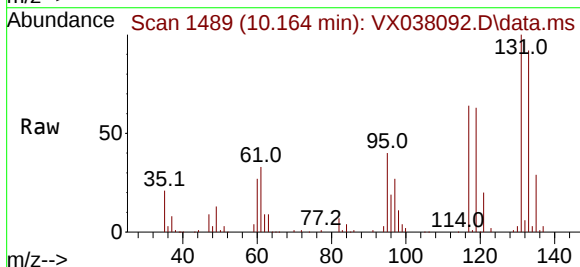
Manual Integrations
APPROVED

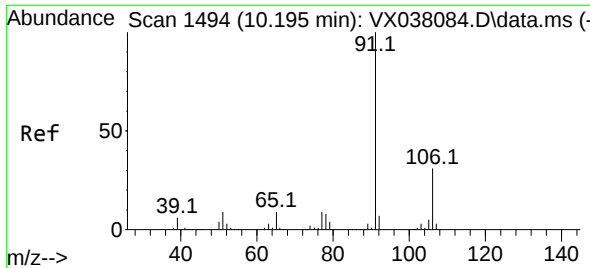
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.599 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

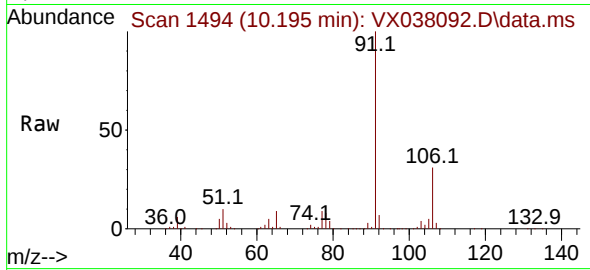
Tgt Ion:131 Resp: 33792
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 64.8 32.2 96.6





#67
Ethyl Benzene
Concen: 20.248 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

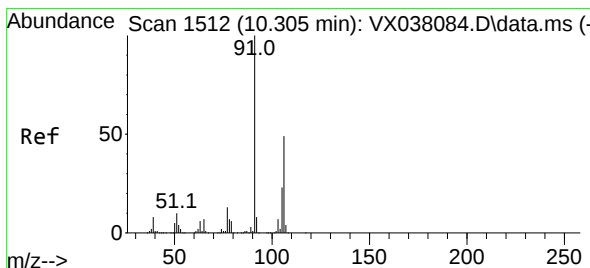
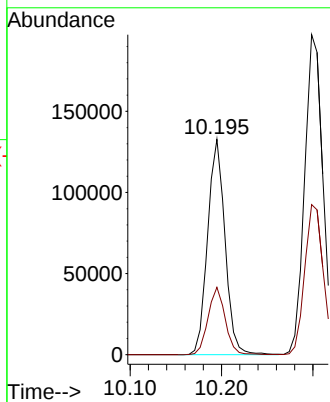
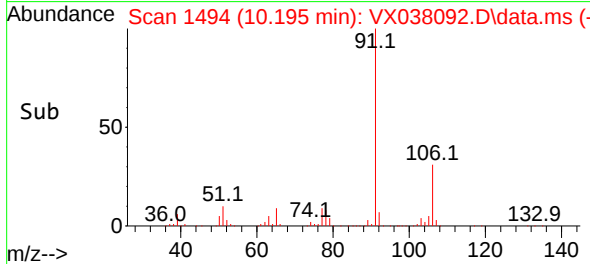
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



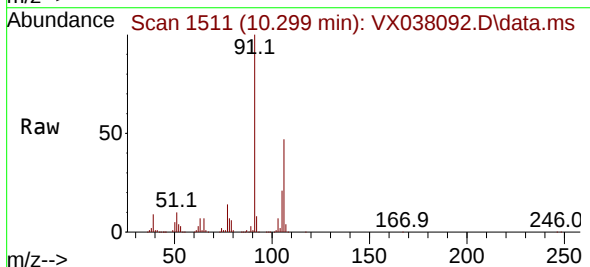
Tgt Ion: 91 Resp: 175338
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

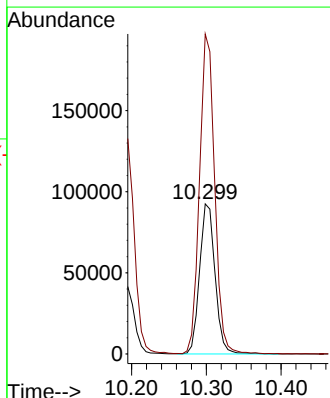
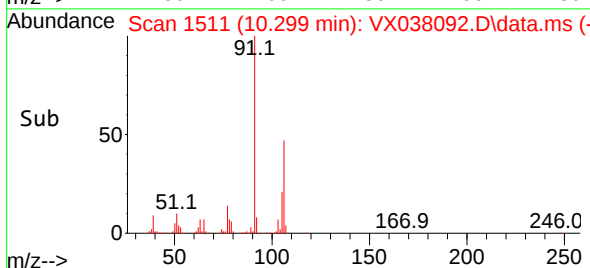
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

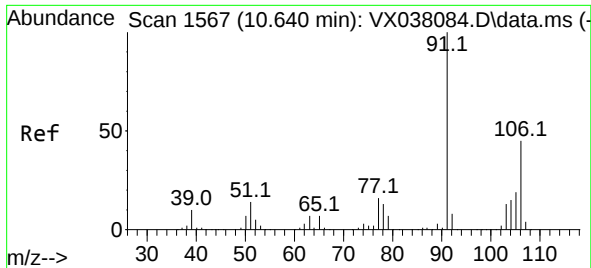


#68
m/p-Xylenes
Concen: 39.664 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45



Tgt Ion:106 Resp: 132807
Ion Ratio Lower Upper
106 100
91 209.1 165.5 248.3





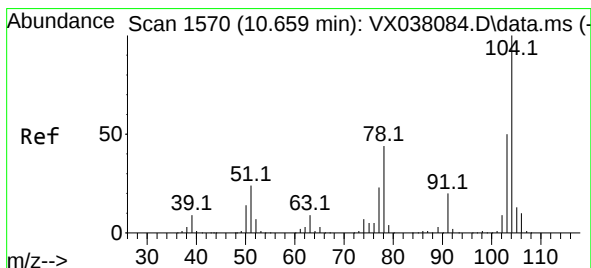
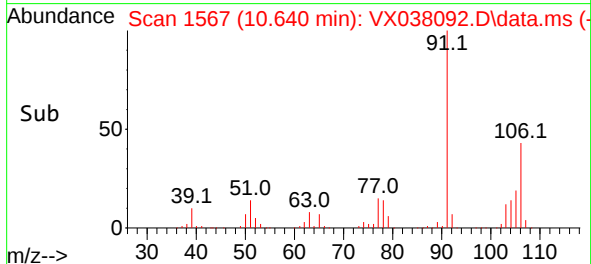
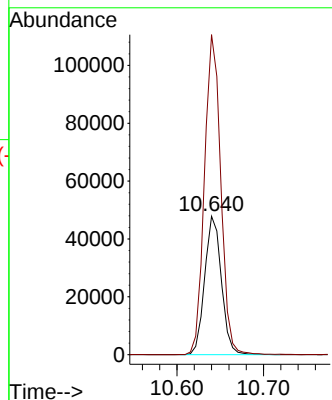
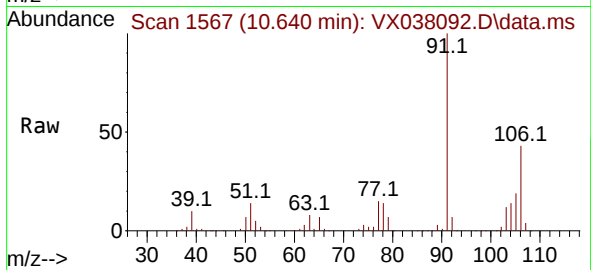
#69
o-Xylene
Concen: 19.635 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 64160
Ion Ratio Lower Upper
106 100
91 226.1 108.9 326.8

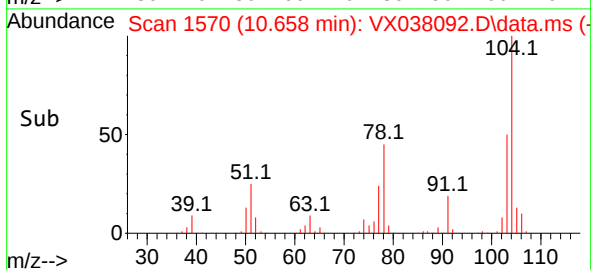
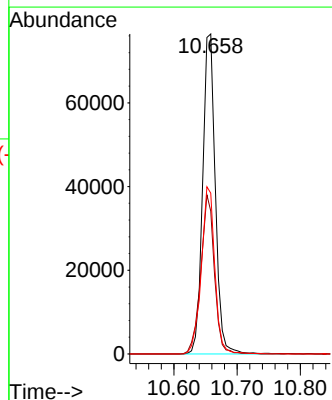
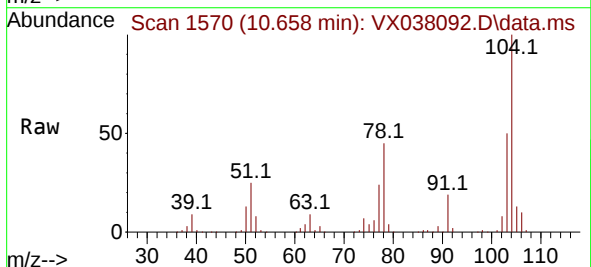
Manual Integrations
APPROVED

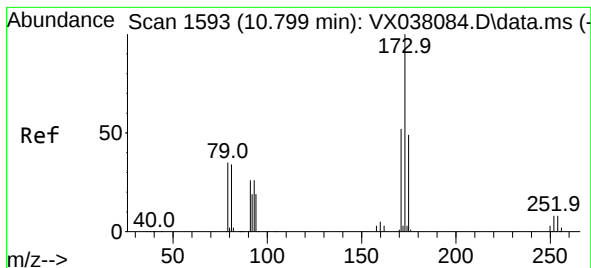
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 20.097 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion:104 Resp: 106950
Ion Ratio Lower Upper
104 100
78 53.2 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 18.715 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

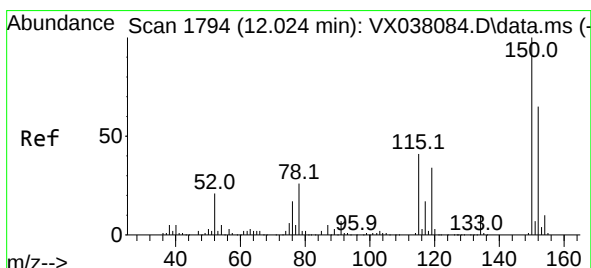
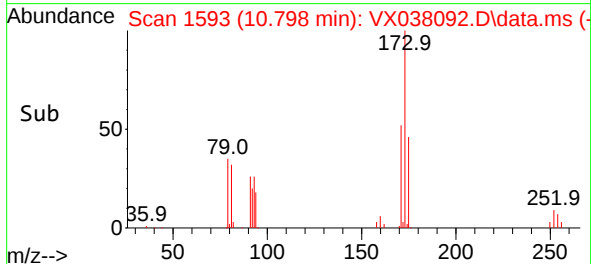
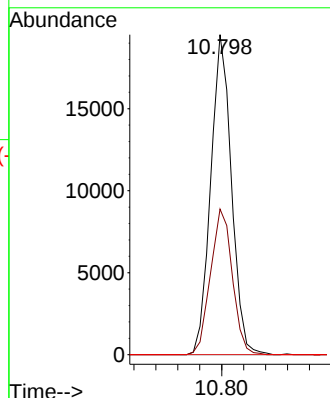
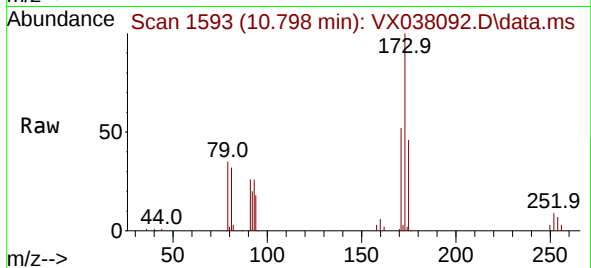
VSTDICC020

Tgt Ion:173 Resp: 2558
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

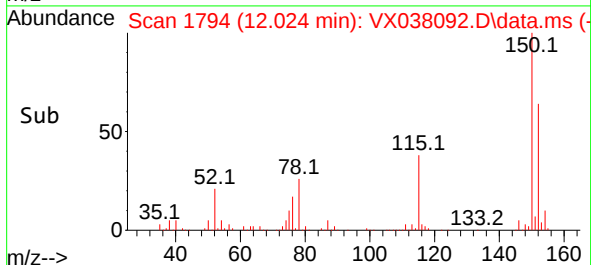
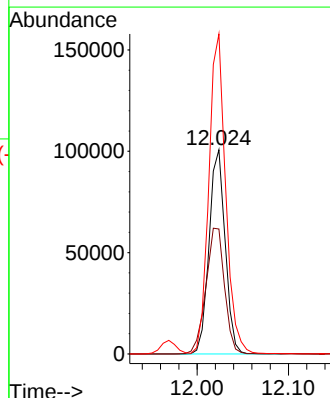
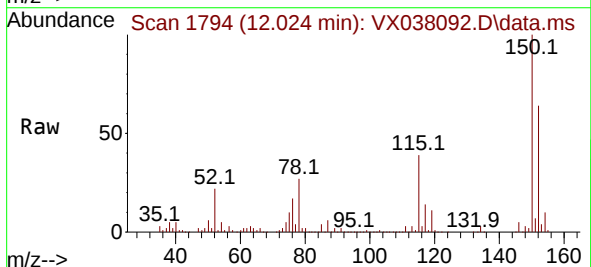
RT: 12.024 min Scan# 1794

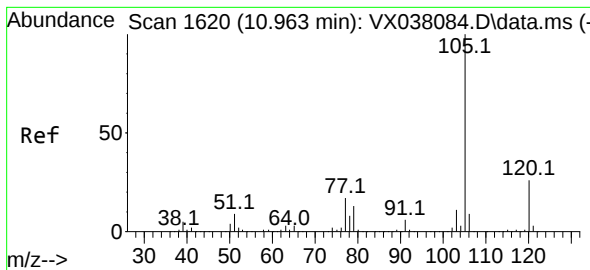
Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion:152 Resp: 123042
 Ion Ratio Lower Upper
 152 100
 115 71.5 43.3 129.9
 150 163.6 0.0 345.0





#73

Isopropylbenzene

Concen: 20.566 ug/l

RT: 10.963 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 169698

Ion Ratio Lower Upper

105 100

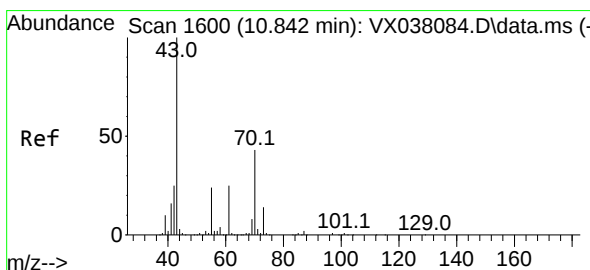
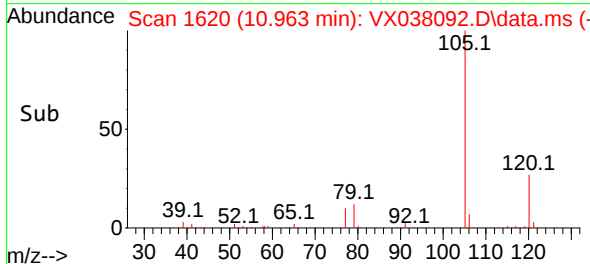
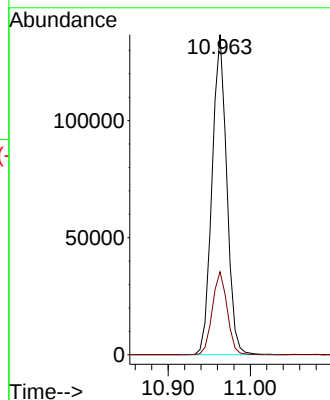
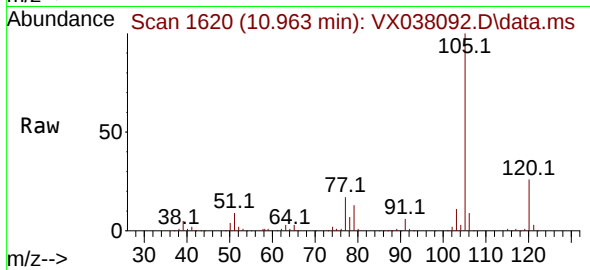
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#74

N-ethyl acetate

Concen: 21.714 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion: 43 Resp: 76515

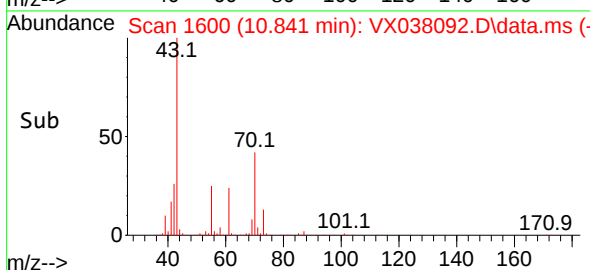
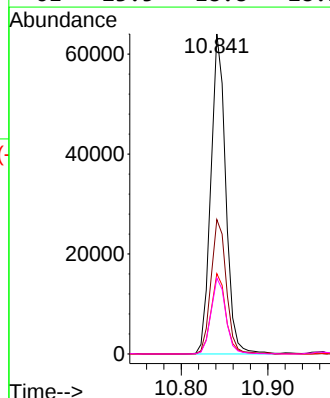
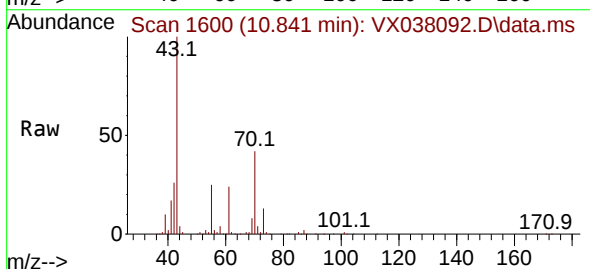
Ion Ratio Lower Upper

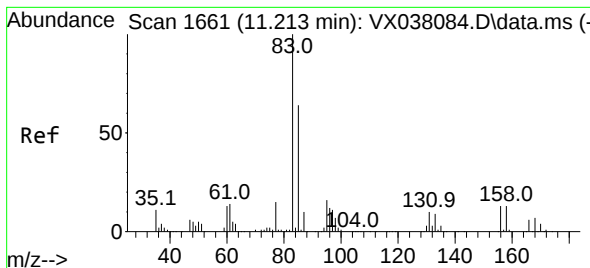
43 100

70 43.2 32.9 49.3

55 25.1 19.3 28.9

61 23.5 18.8 28.2





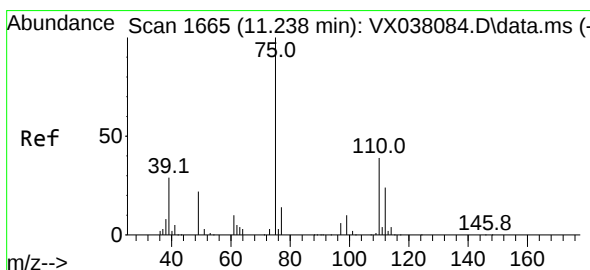
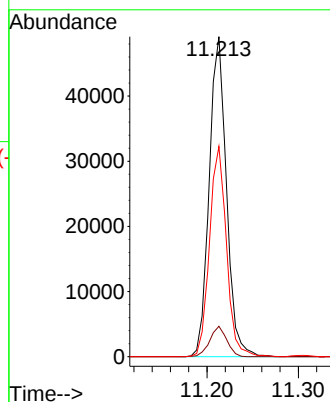
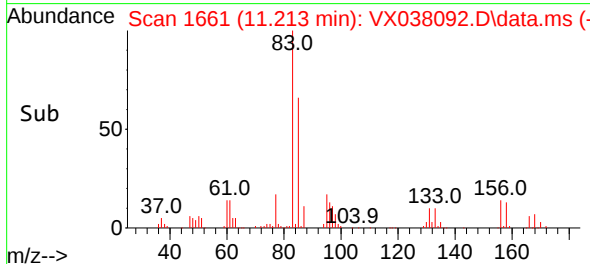
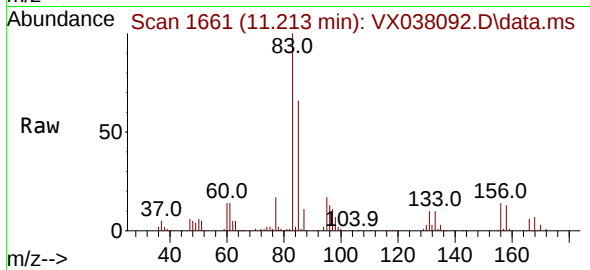
#75
1,1,2,2-Tetrachloroethane
Concen: 21.254 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 64354
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.6 32.0 96.2

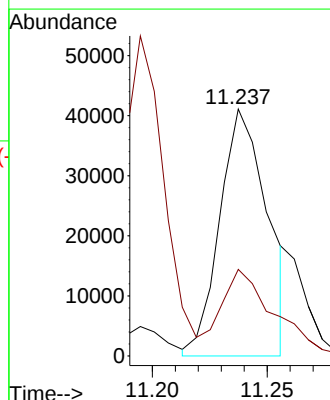
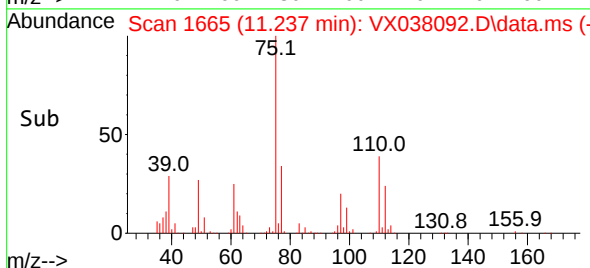
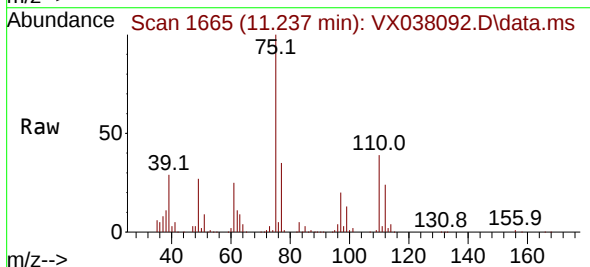
Manual Integrations
APPROVED

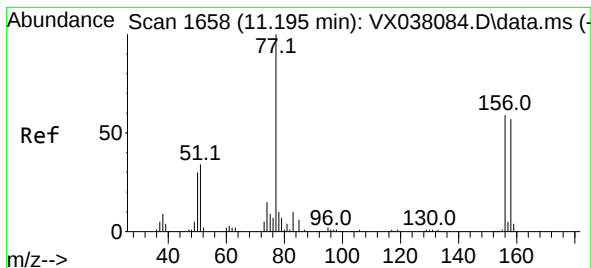
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 21.234 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Tgt Ion: 75 Resp: 59395
Ion Ratio Lower Upper
75 100
77 39.4 19.1 57.5





#77

Bromobenzene

Concen: 20.193 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

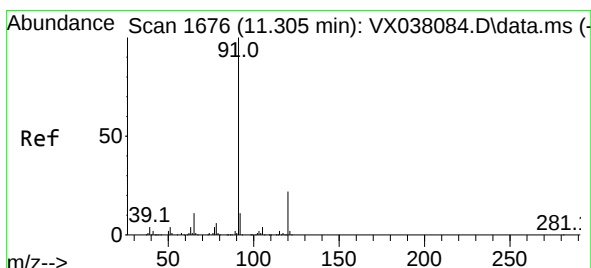
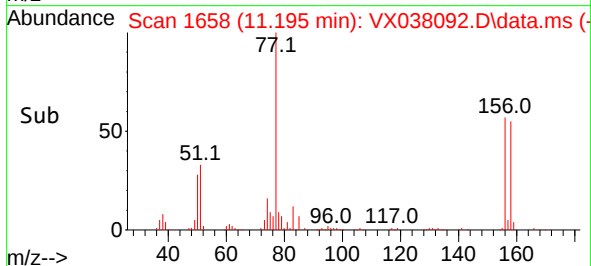
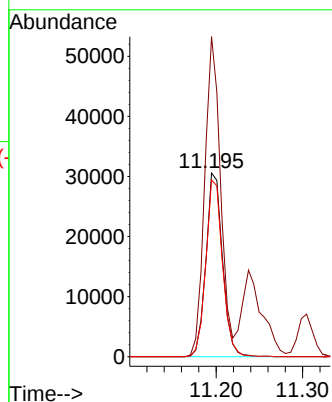
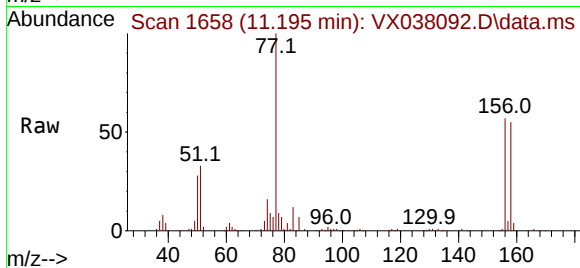
Tgt Ion:	156	Resp:	40679
Ion Ratio	Lower	Upper	
156	100		
77	166.1	88.4	265.3
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 20.669 ug/l

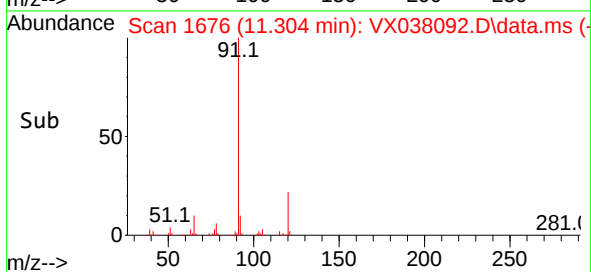
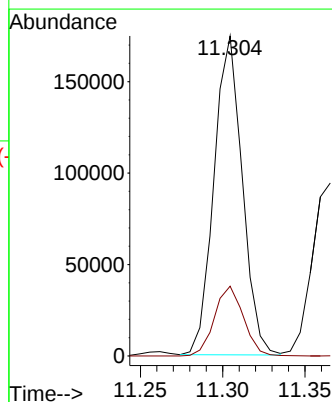
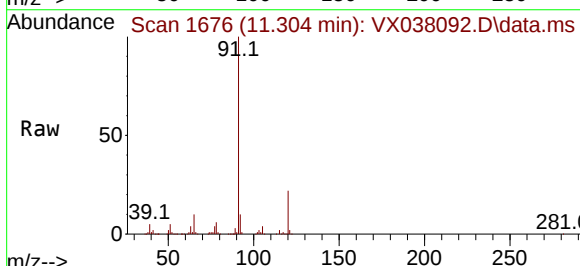
RT: 11.304 min Scan# 1676

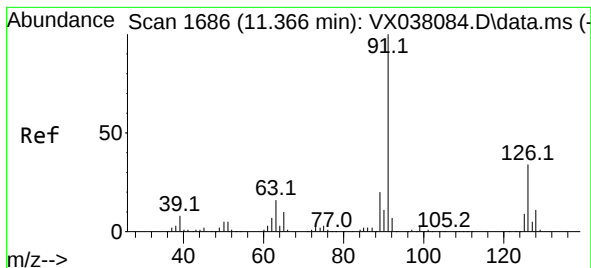
Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion:	91	Resp:	208544
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





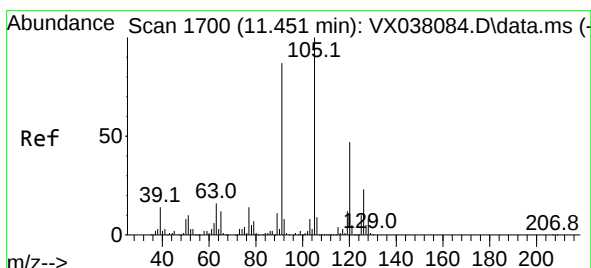
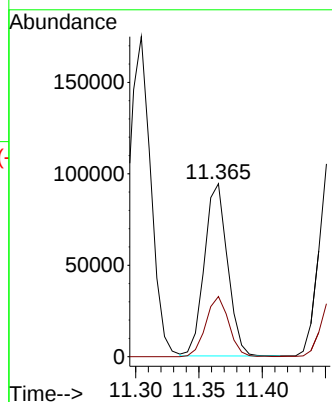
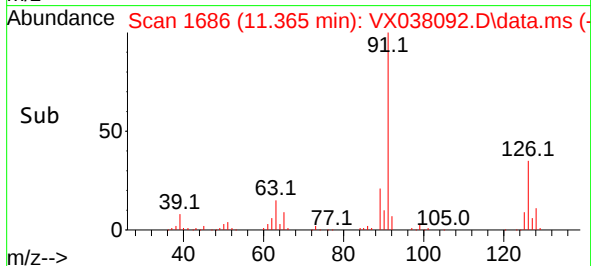
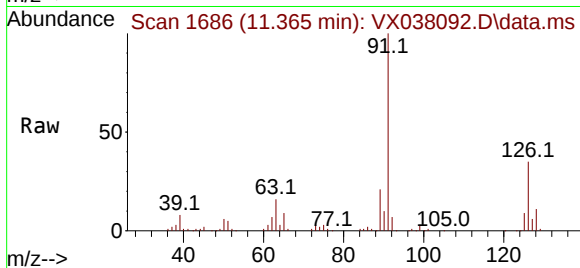
#79
2-Chlorotoluene
Concen: 20.079 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 120148
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

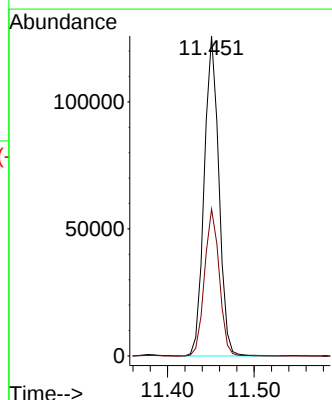
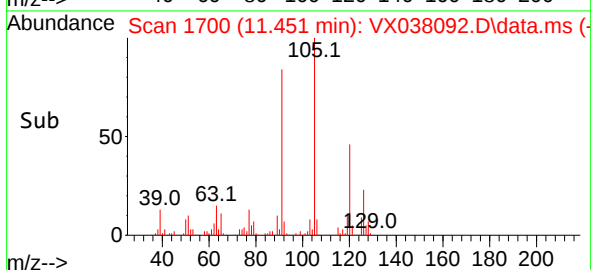
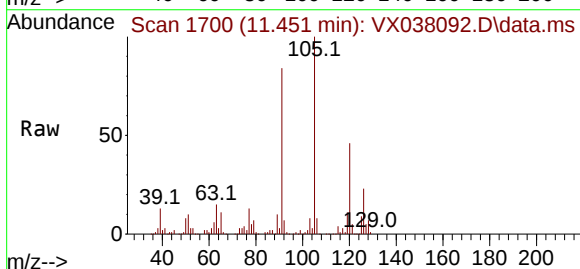
Manual Integrations
APPROVED

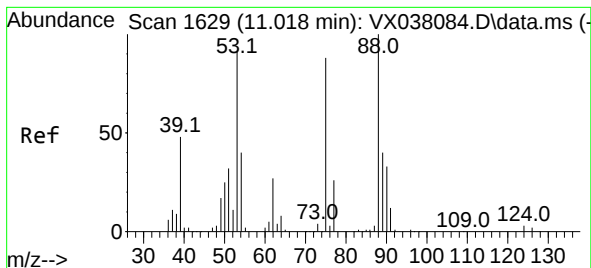
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.784 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

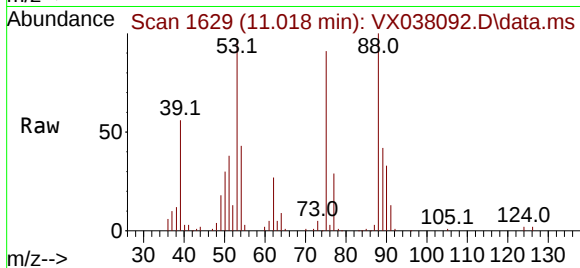
Tgt Ion:105 Resp: 147957
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.072 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

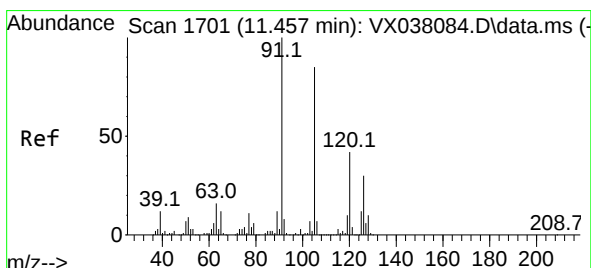
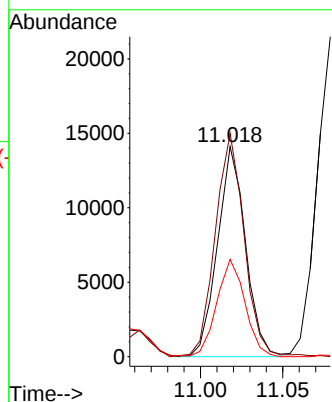
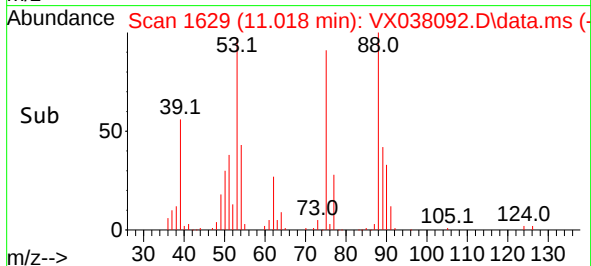
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 16712
Ion Ratio Lower Upper
75 100
53 109.7 90.5 135.7
89 46.5 36.9 55.3

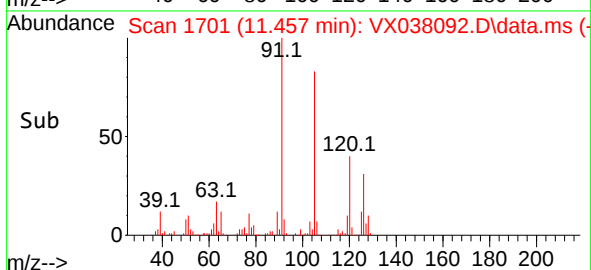
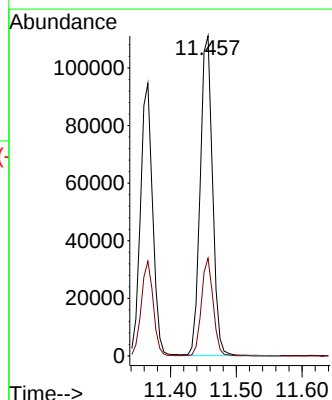
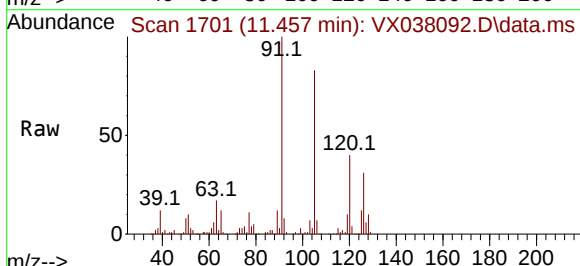
Manual Integrations
APPROVED

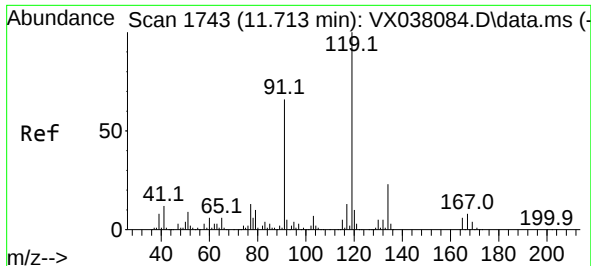
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 20.415 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

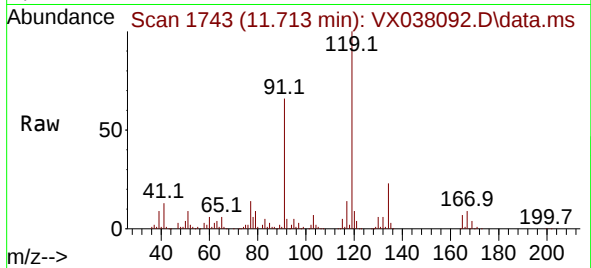
Tgt Ion: 91 Resp: 144550
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.992 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

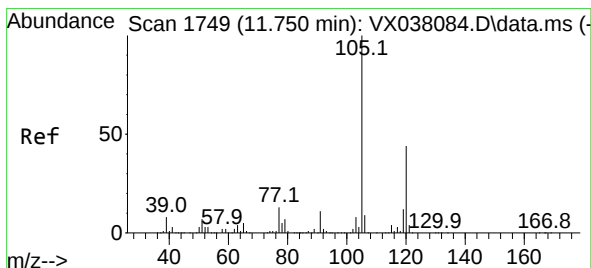
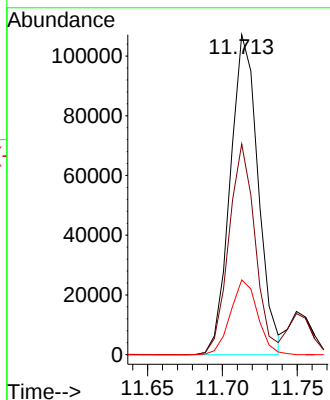
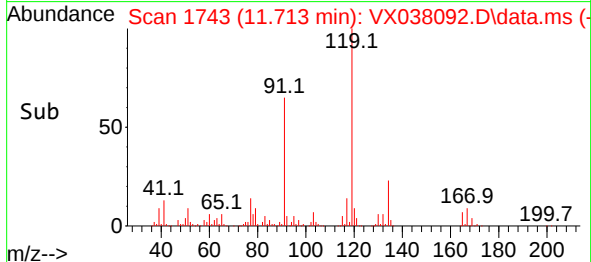
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



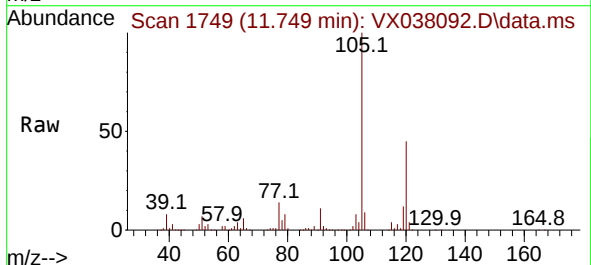
Tgt Ion:119 Resp: 139070
Ion Ratio Lower Upper
119 100
91 62.2 31.2 93.6
134 22.8 11.7 35.0

Manual Integrations
APPROVED

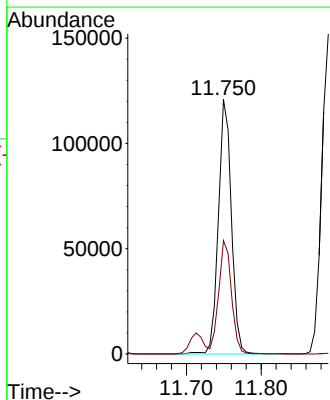
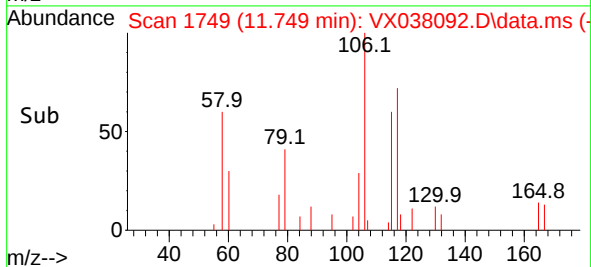
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

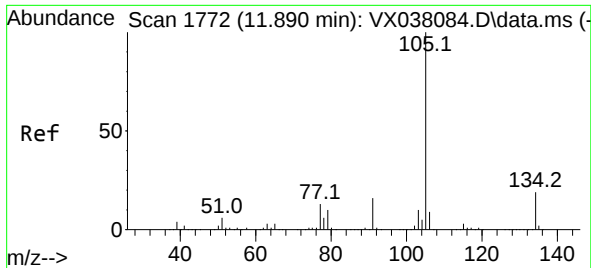


#84
1,2,4-Trimethylbenzene
Concen: 20.611 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45



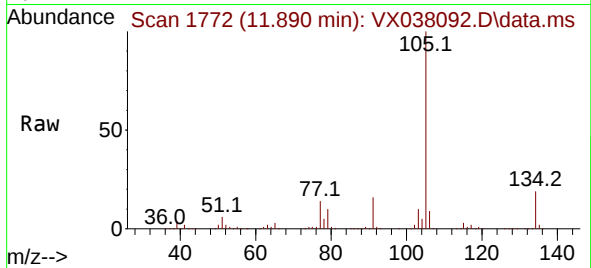
Tgt Ion:105 Resp: 146294
Ion Ratio Lower Upper
105 100
120 43.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.402 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038092.D
 Acq: 05 Oct 2023 10:45

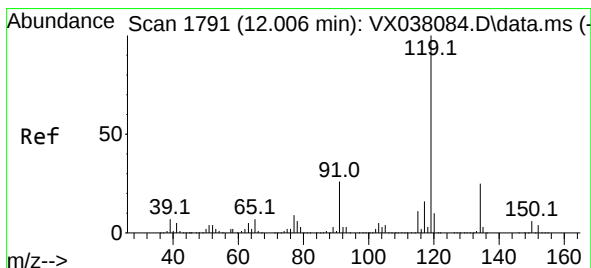
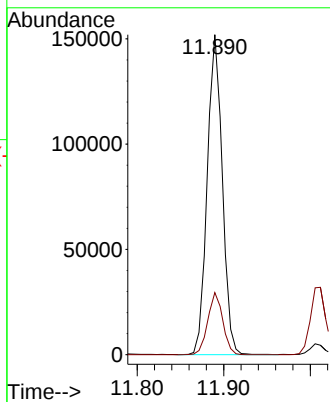
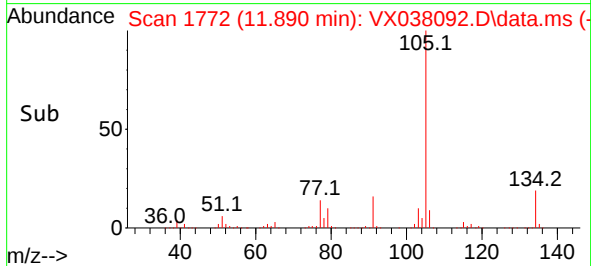
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 18384
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

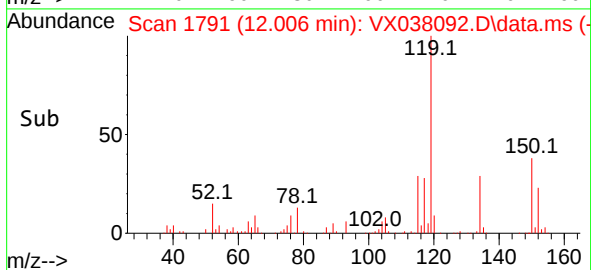
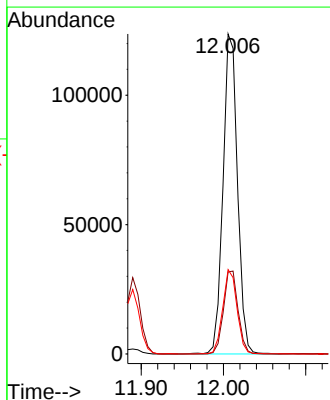
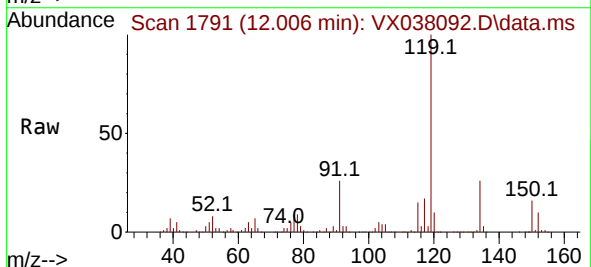
Manual Integrations
 APPROVED

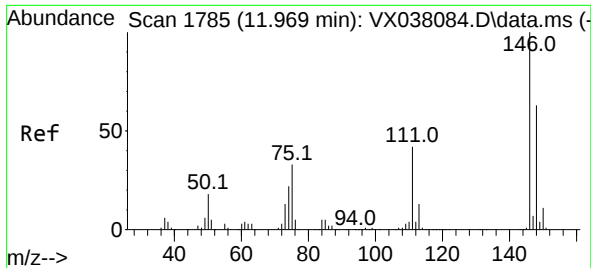
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#86
 p-Isopropyltoluene
 Concen: 20.318 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038092.D
 Acq: 05 Oct 2023 10:45

Tgt Ion:119 Resp: 151050
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.854 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 80335

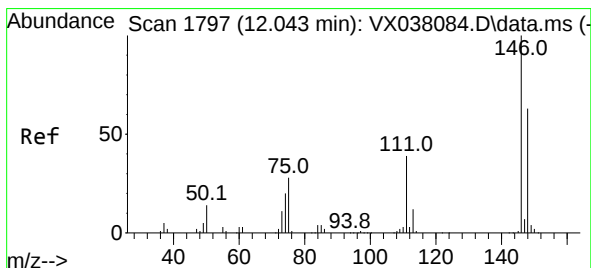
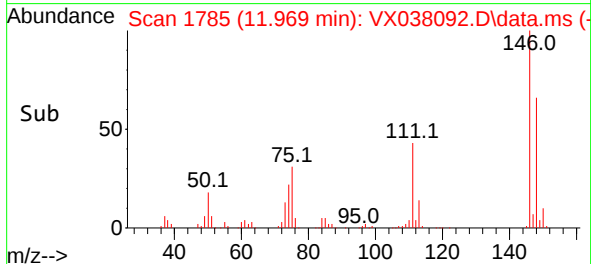
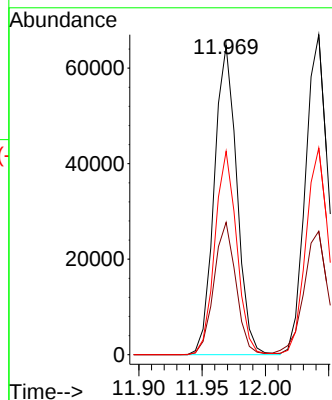
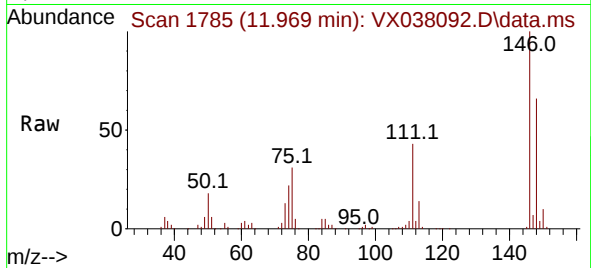
Ion	Ratio	Lower	Upper
146	100		
111	41.6	22.1	66.1
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 20.221 ug/l

RT: 12.042 min Scan# 1797

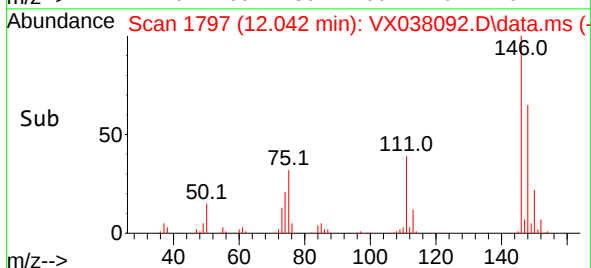
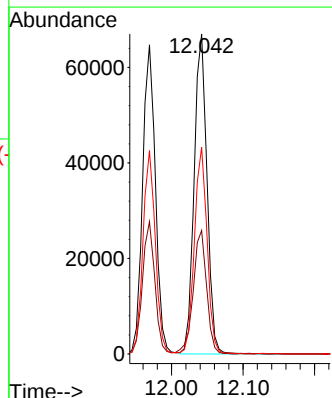
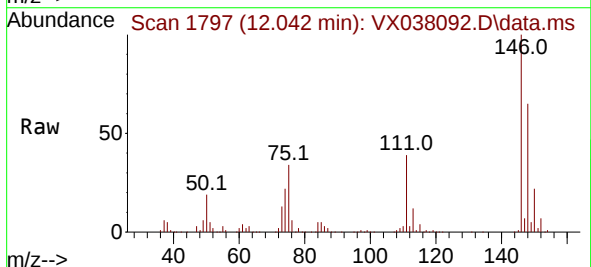
Delta R.T. -0.000 min

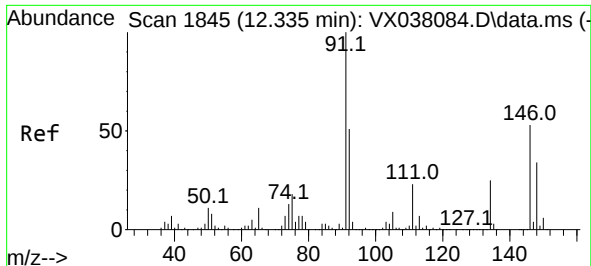
Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Tgt Ion:146 Resp: 83535

Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.3	63.7
148	63.9	31.8	95.4





#89

n-Butylbenzene

Concen: 20.024 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 148260

Ion Ratio Lower Upper

91 100

92 50.8 27.4 82.0

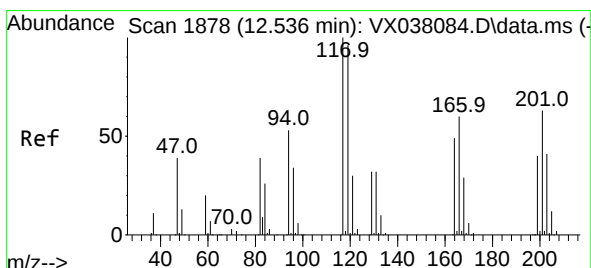
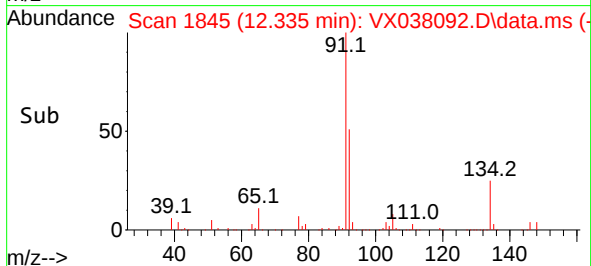
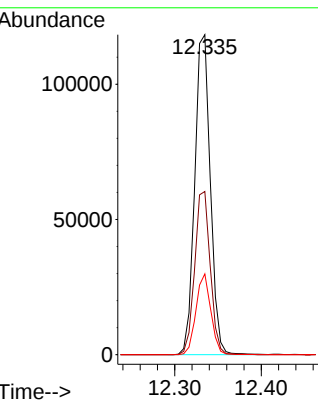
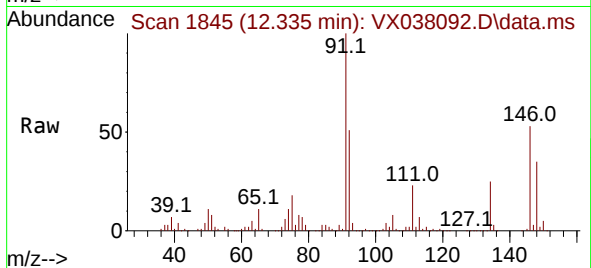
134 24.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#90

Hexachloroethane

Concen: 19.672 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX038092.D

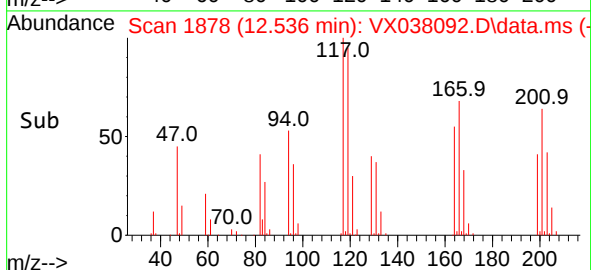
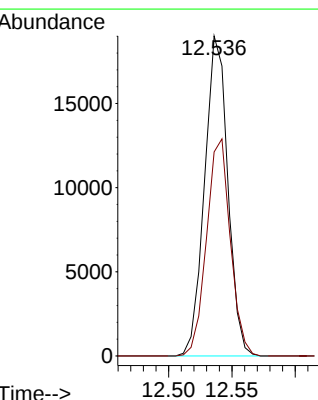
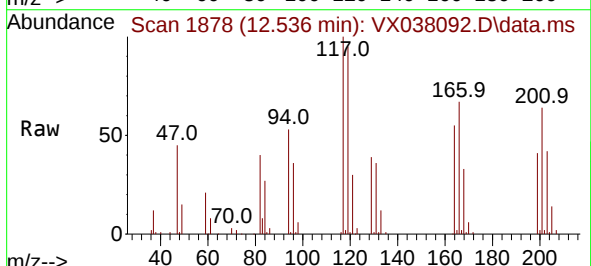
Acq: 05 Oct 2023 10:45

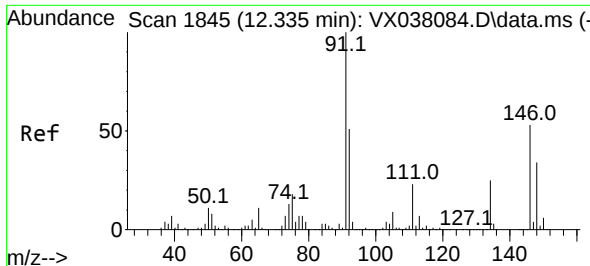
Tgt Ion:117 Resp: 24248

Ion Ratio Lower Upper

117 100

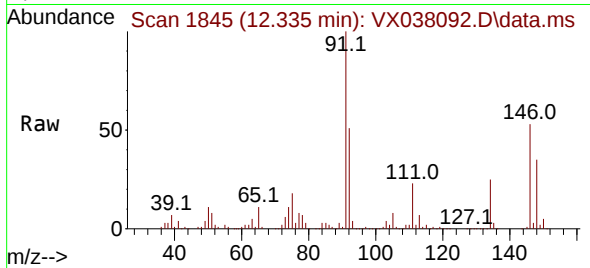
201 69.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.257 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

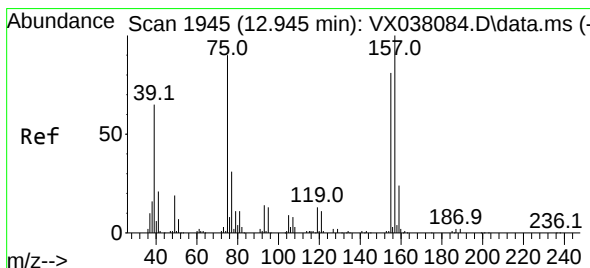
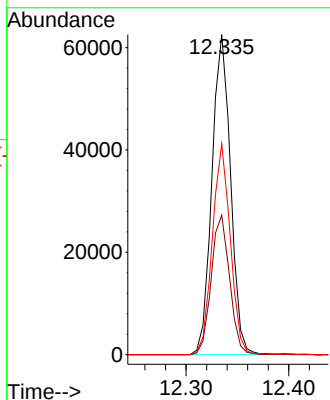
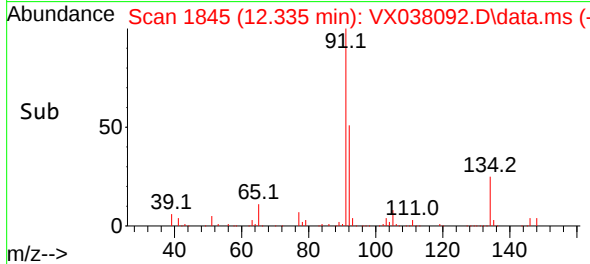
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



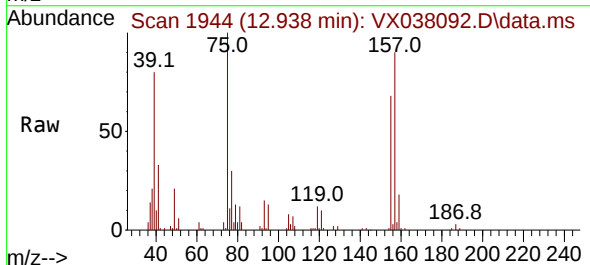
Tgt Ion:146 Resp: 78788
Ion Ratio Lower Upper
146 100
111 42.9 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
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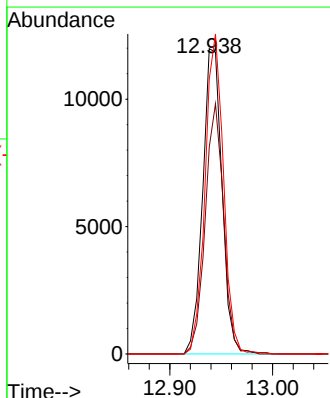
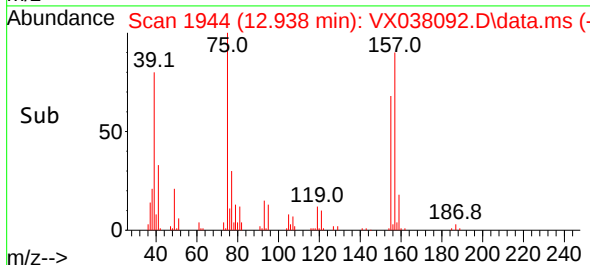
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

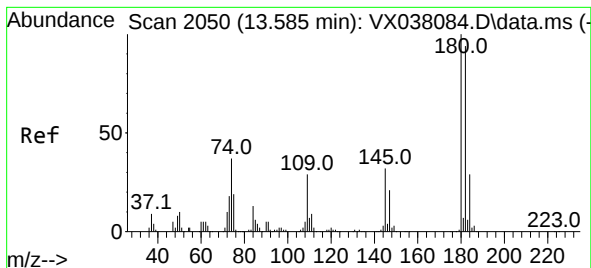


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.419 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.007 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45



Tgt Ion: 75 Resp: 15680
Ion Ratio Lower Upper
75 100
155 77.8 36.1 108.5
157 99.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.117 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

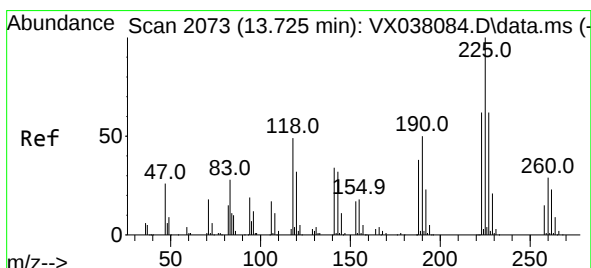
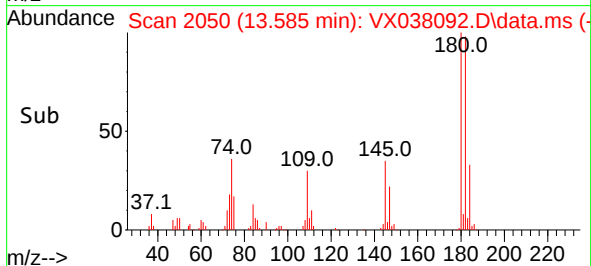
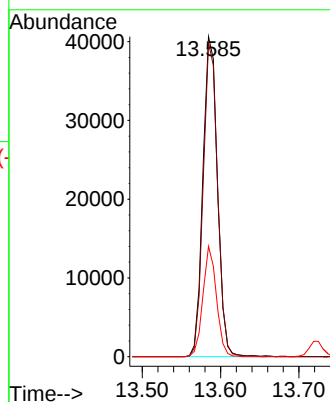
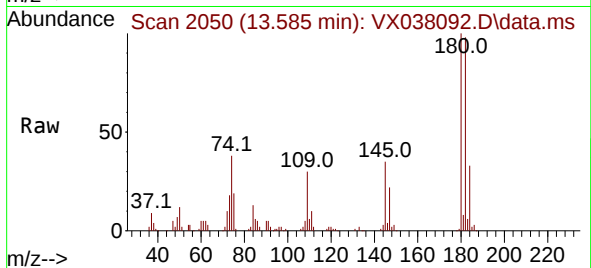
Tgt Ion:180	Resp:	52480
Ion Ratio	Lower	Upper
180	100	
182	96.5	48.3 144.8
145	32.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#94

Hexachlorobutadiene

Concen: 19.576 ug/l

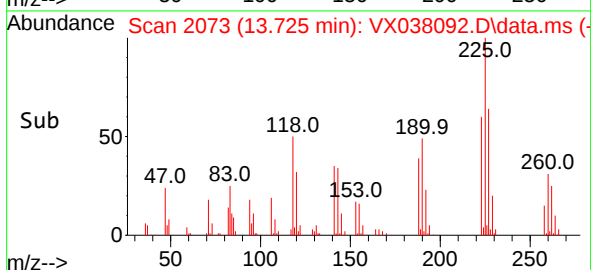
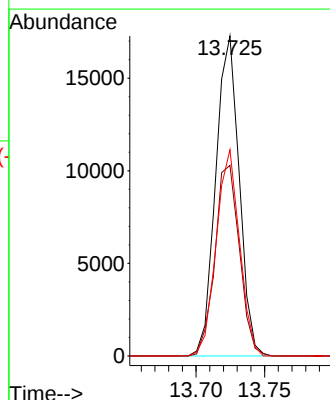
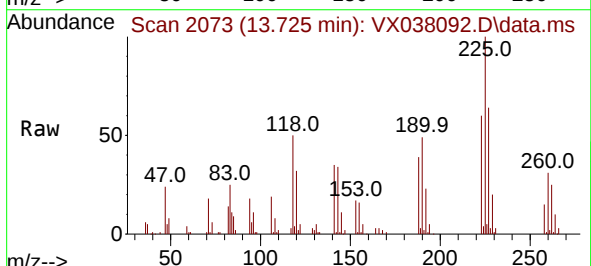
RT: 13.725 min Scan# 2073

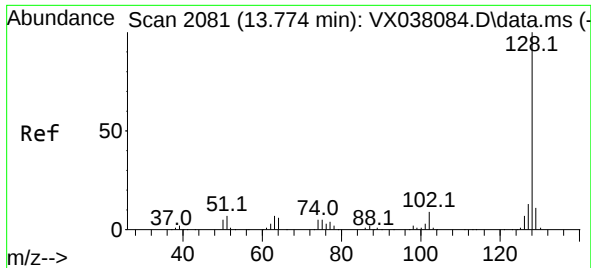
Delta R.T. -0.000 min

Lab File: VX038092.D

Acq: 05 Oct 2023 10:45

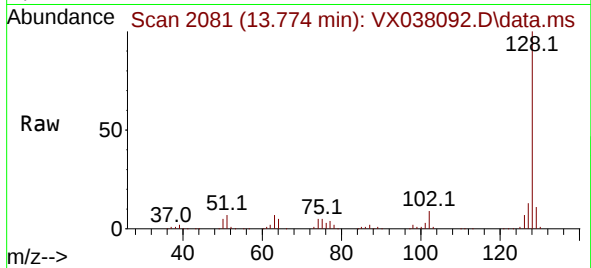
Tgt Ion:225	Resp:	20554
Ion Ratio	Lower	Upper
225	100	
223	62.2	31.1 93.2
227	64.1	32.5 97.5





#95
Naphthalene
Concen: 20.737 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45

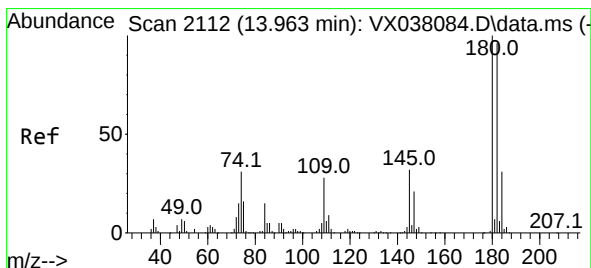
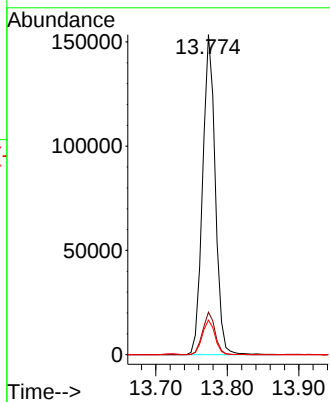
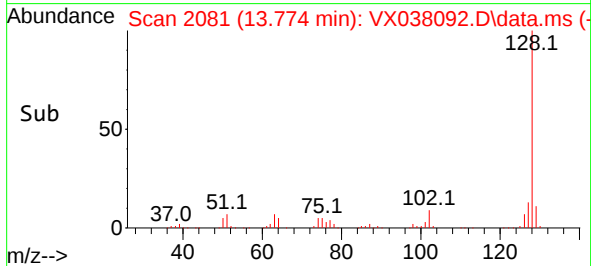
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



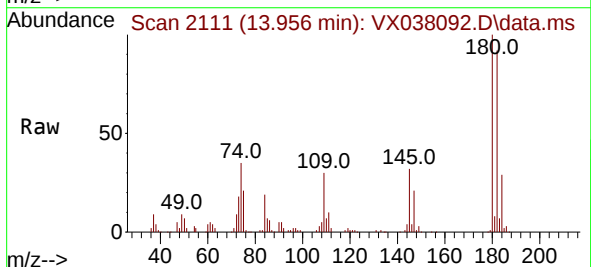
Tgt Ion:128 Resp: 188390
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.610 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.007 min
Lab File: VX038092.D
Acq: 05 Oct 2023 10:45



Tgt Ion:180 Resp: 52060
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 33.1 17.8 53.5

