

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038157.D
 Acq On : 07 Oct 2023 04:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 06:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	10246	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	74504	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98775	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	41958	29.975	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.933%	
60) 4-Bromofluorobenzene	11.079	95	59837	29.081	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.933%	
63) Toluene-d8	8.647	98	119488	31.240	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	104.133%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24688	20.023	ug/l	98
3) Chloromethane	1.301	50	24803	20.309	ug/l	95
4) Vinyl Chloride	1.374	62	29606	20.696	ug/l	99
5) Bromomethane	1.612	94	29839	17.239	ug/l	99
6) Chloroethane	1.691	64	21769	17.877	ug/l	96
7) Trichlorofluoromethane	1.886	101	58004	19.038	ug/l	98
8) Diethyl Ether	2.136	74	22038	19.828	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	24095	20.705	ug/l	97
10) 1,1-Dichloroethene	2.319	96	23476	20.706	ug/l	96
11) Methyl Iodide	2.453	142	26001	15.389	ug/l	96
12) Methyl Acetate	2.703	43	71681	18.577	ug/l	99
13) Acrolein	2.233	56	17132	70.824	ug/l	93
14) Acrylonitrile	3.062	53	86839	96.024	ug/l	96
15) Acetone	2.380	58	23196	96.327	ug/l	95
16) Carbon Disulfide	2.514	76	59693	19.703	ug/l	96
17) Allyl chloride	2.666	41	35709	18.742	ug/l	90
18) Methylene Chloride	2.794	84	29002	19.619	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	27607	19.443	ug/l	99
20) Diisopropyl ether	3.757	45	82706	19.781	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	50873	19.992	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	32387	19.368	ug/l	97
23) tert-Butyl Alcohol	2.953	59	33845	85.148	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	86921	19.529	ug/l	97
25) Chloroform	5.099	83	54782	18.960	ug/l	95
26) Cyclohexane	5.471	56	42087	19.553	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	40210	20.399	ug/l	99
30) 2-Butanone	4.556	43	123949	97.830	ug/l	97
31) 2,2-Dichloropropane	4.471	77	23203	15.934	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	46305	19.660	ug/l	98
33) Carbon Tetrachloride	5.678	117	38946	19.516	ug/l	98
34) Benzene	6.044	78	117488	20.149	ug/l	96
35) Methacrylonitrile	4.922	41	24754	20.869	ug/l	92
36) 1,2-Dichloroethane	6.092	62	46800	20.688	ug/l	99
37) Trichloroethene	7.129	130	30985	20.176	ug/l	97
38) Methylcyclohexane	7.379	83	46301	19.719	ug/l	97
39) 1,2-Dichloropropane	7.434	63	29905	20.459	ug/l	97
40) Dibromomethane	7.580	93	23049	20.180	ug/l	96
41) Bromodichloromethane	7.824	83	39923	19.498	ug/l	99
42) Vinyl Acetate	3.721	43	287740	103.185	ug/l	100

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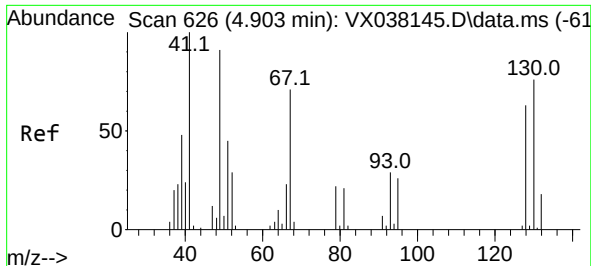
Manual Integrations
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Reviewed By : John Carlone 10/09/2023
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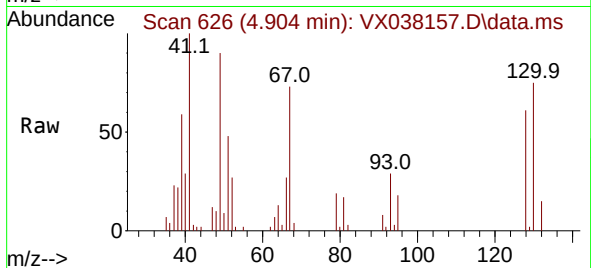
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	46455	20.041	ug/l	99
44) Isopropyl Acetate	6.342	43	70384	20.174	ug/l	100
45) 1,4-Dioxane	7.659	88	15004	338.409	ug/l #	1
46) Methyl methacrylate	7.696	41	33627	19.549	ug/l	96
47) n-amyl Acetate	10.842	43	61058	20.159	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	37739	17.932	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	41702	18.689	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	31907	19.787	ug/l	97
51) Ethyl methacrylate	9.116	69	46978	19.453	ug/l	98
52) 1,3-Dichloropropane	9.311	76	52942	20.189	ug/l	99
53) Dibromochloromethane	9.519	129	30725	19.234	ug/l	99
54) 1,2-Dibromoethane	9.610	107	34644	19.661	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	126063	103.423	ug/l	99
56) Bromoform	10.799	173	21586	18.081	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	255557	103.368	ug/l	99
59) 2-Hexanone	9.427	43	201381	101.314	ug/l	99
61) Tetrachloroethene	9.275	164	28310	20.976	ug/l	97
62) Toluene	8.720	91	134628	20.457	ug/l	99
64) Chlorobenzene	10.079	112	83164	20.180	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	28611	19.916	ug/l	99
66) Ethyl Benzene	10.195	91	148405	19.887	ug/l	99
67) m/p-Xylenes	10.299	106	112936	39.010	ug/l	94
68) o-Xylene	10.640	106	55529	19.768	ug/l	96
69) Styrene	10.659	104	91855	19.679	ug/l	98
70) Isopropylbenzene	10.963	105	148072	19.988	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	55020	20.150	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	48866m	19.678	ug/l	
73) Bromobenzene	11.195	156	35559	19.385	ug/l	97
74) n-propylbenzene	11.305	91	179933	19.987	ug/l	98
75) 2-Chlorotoluene	11.366	91	105018	19.853	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	125144	19.331	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	10854	16.057	ug/l	94
78) 4-Chlorotoluene	11.451	91	123045	19.560	ug/l	99
79) tert-butylbenzene	11.713	119	119915	19.500	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	126717	20.047	ug/l	97
81) sec-Butylbenzene	11.890	105	159649	19.845	ug/l	98
82) p-Isopropyltoluene	12.012	119	128816	19.369	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	69609	19.457	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	71830	19.719	ug/l	100
85) n-Butylbenzene	12.335	91	122642	19.326	ug/l	98
86) Hexachloroethane	12.536	117	20898	19.008	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	68385	19.721	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12642	19.992	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	45253	20.102	ug/l	98
90) Hexachlorobutadiene	13.725	225	18274	20.181	ug/l	99
91) Naphthalene	13.774	128	159754	20.721	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	45391	20.598	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

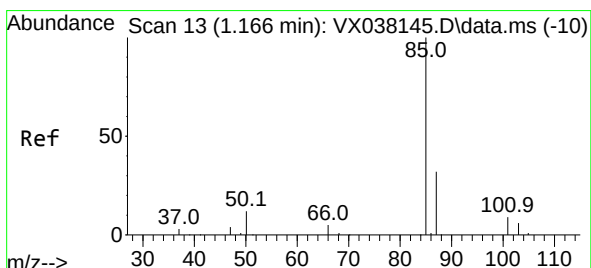
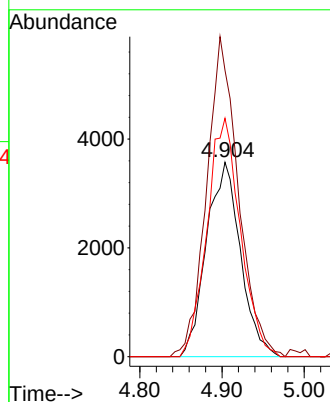
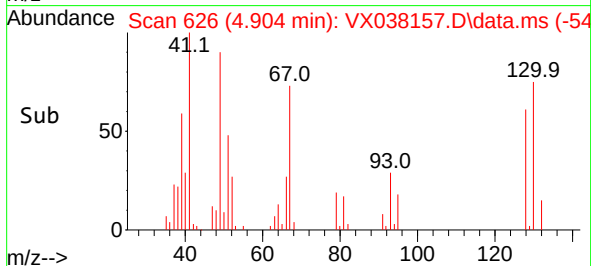
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 10240
Ion Ratio Lower Upper
128 100
49 154.0 0.0 406.3
130 120.7 0.0 328.0

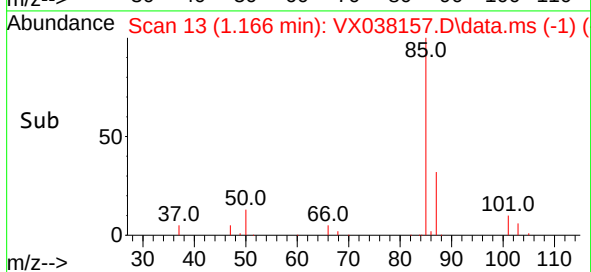
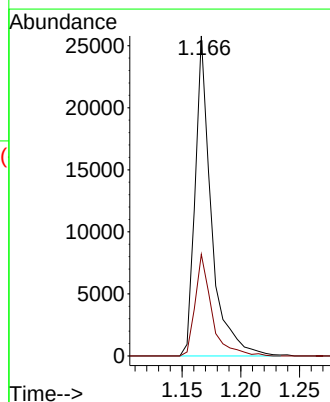
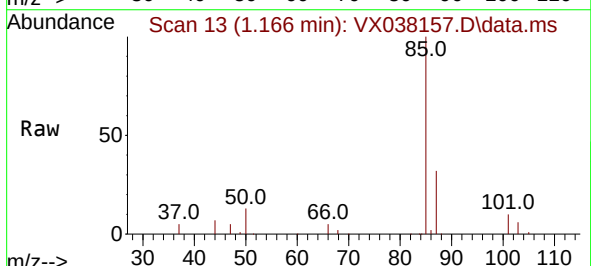
Manual Integrations
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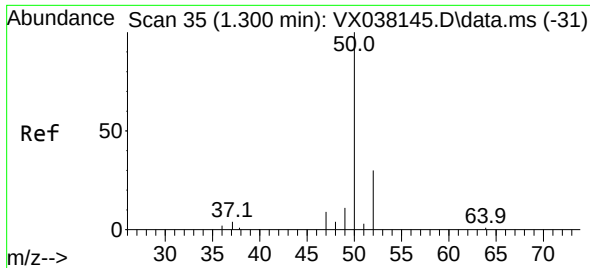
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#2
Dichlorodifluoromethane
Concen: 20.023 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

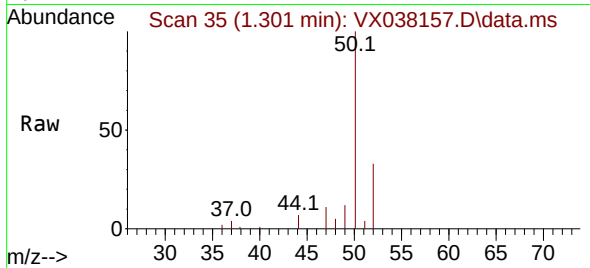
Tgt Ion: 85 Resp: 24688
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.4





#3
Chloromethane
Concen: 20.309 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

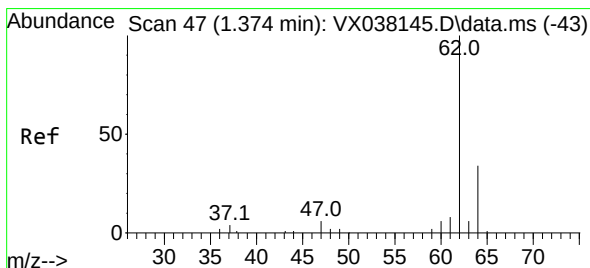
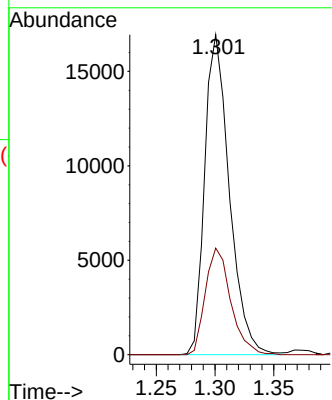
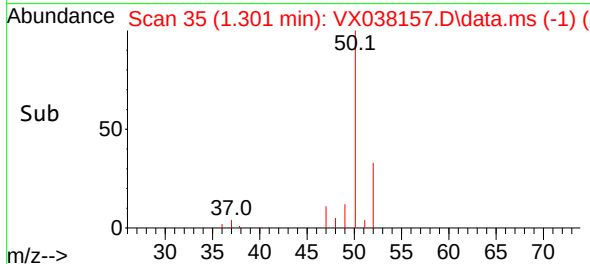
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 2480
Ion Ratio Lower Upper
50 100
52 33.3 24.5 36.7

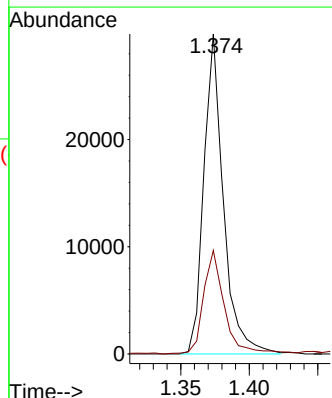
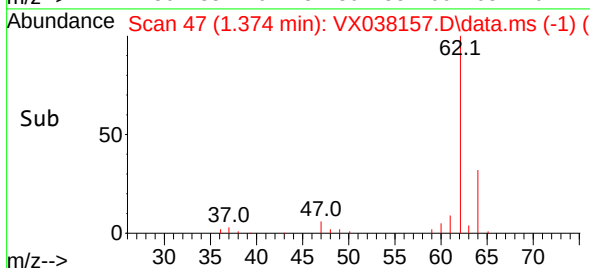
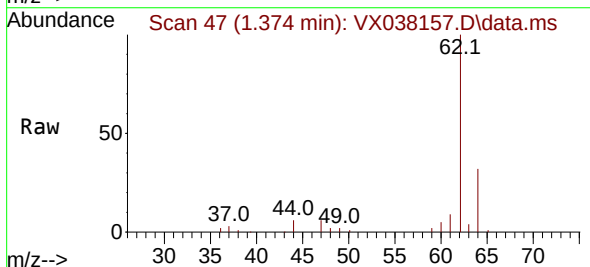
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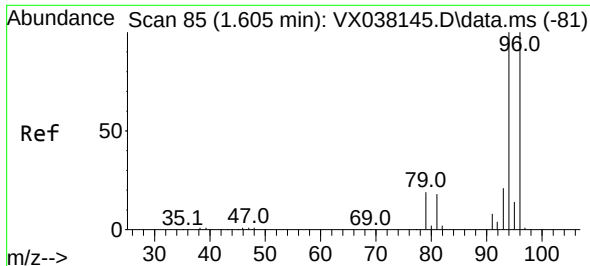
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#4
Vinyl Chloride
Concen: 20.696 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

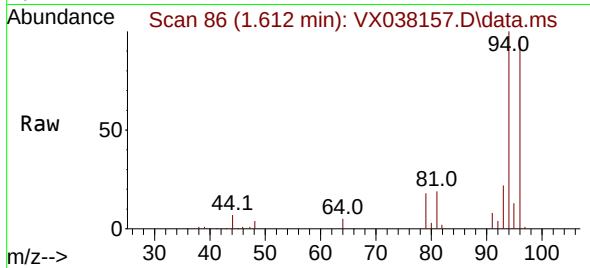
Tgt Ion: 62 Resp: 29606
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5
Bromomethane
Concen: 17.239 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

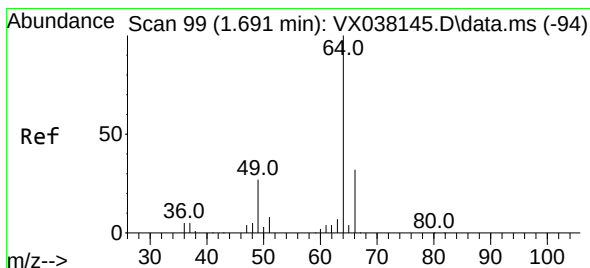
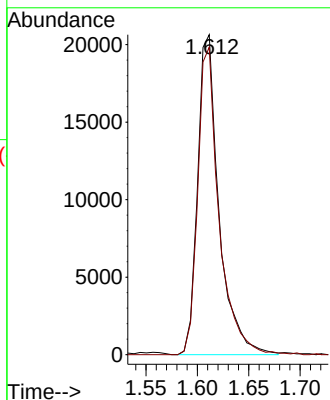
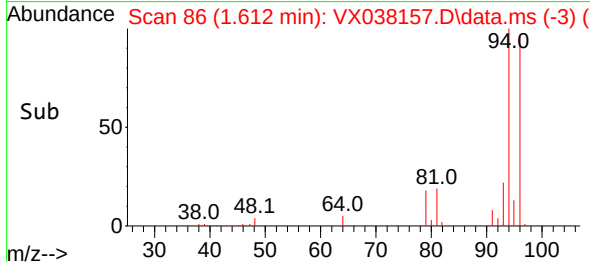
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 29839
Ion Ratio Lower Upper
94 100
96 96.1 77.4 116.2

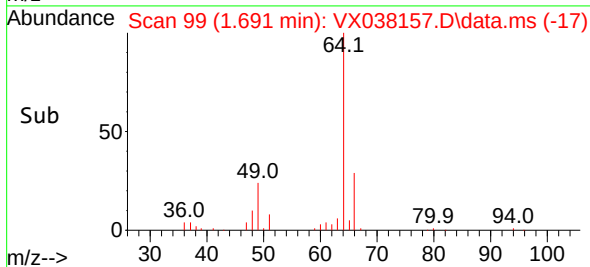
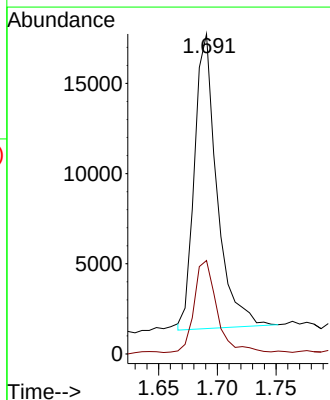
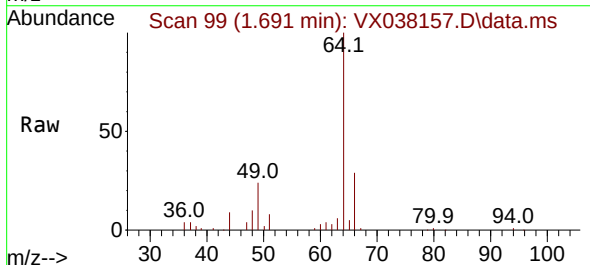
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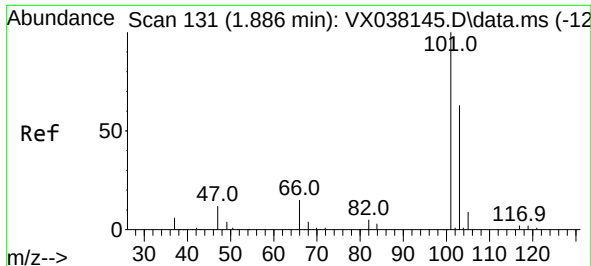
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#6
Chloroethane
Concen: 17.877 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 64 Resp: 21769
Ion Ratio Lower Upper
64 100
66 31.1 23.1 34.7





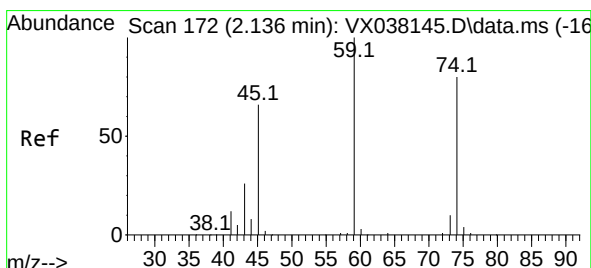
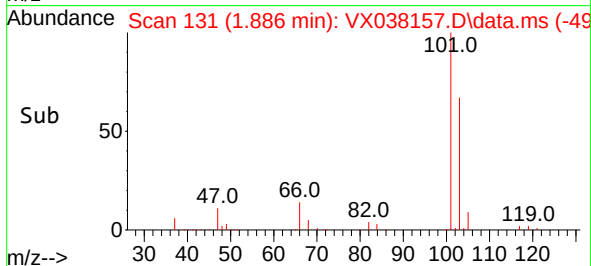
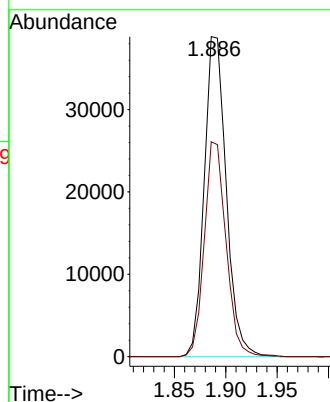
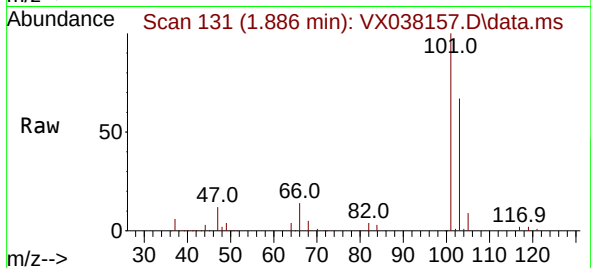
#7
Trichlorofluoromethane
Concen: 19.038 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 58004
Ion Ratio Lower Upper
101 100
103 67.1 52.2 78.2

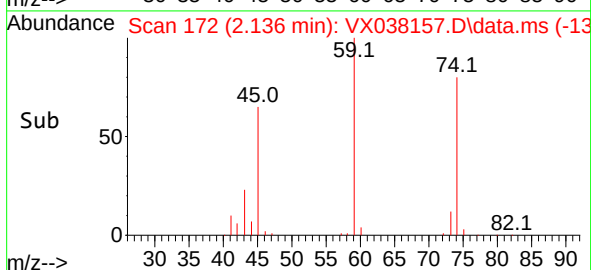
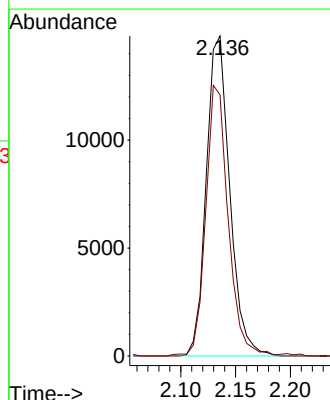
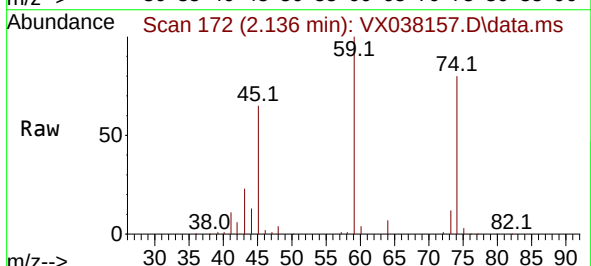
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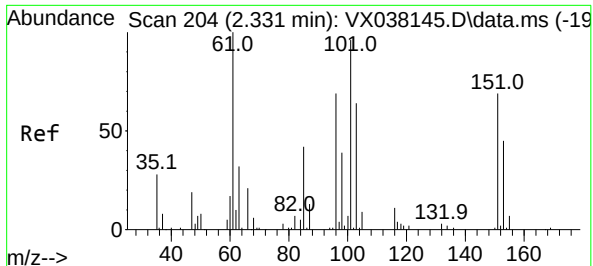
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#8
Diethyl Ether
Concen: 19.828 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 74 Resp: 22038
Ion Ratio Lower Upper
74 100
45 80.3 19.9 178.9





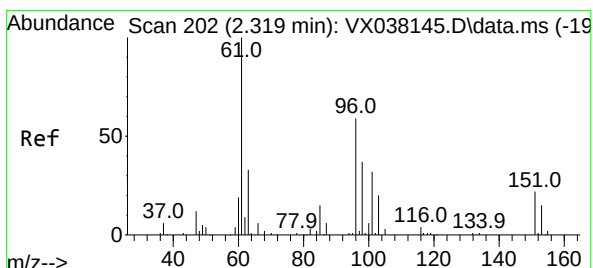
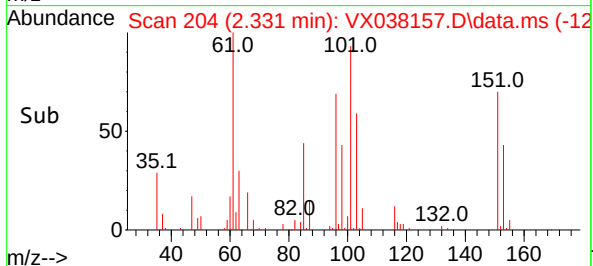
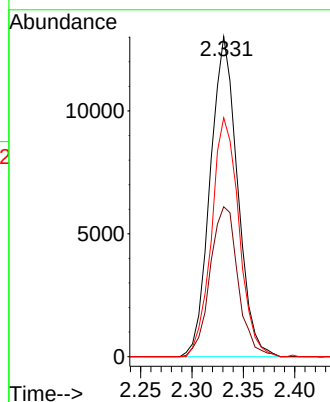
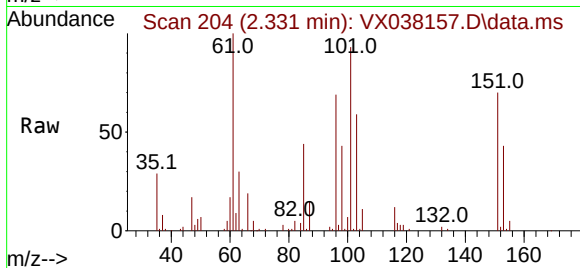
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.705 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2409
Ion Ratio Lower Upper
101 100
85 48.0 0.0 91.0
151 74.8 0.0 155.4

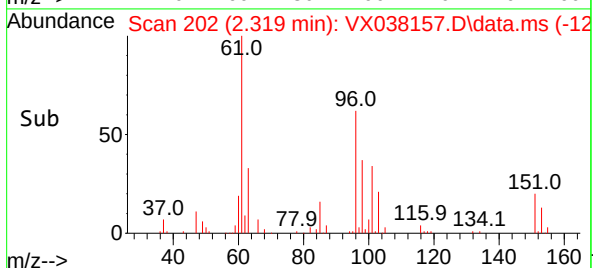
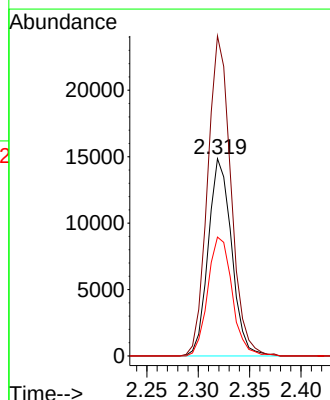
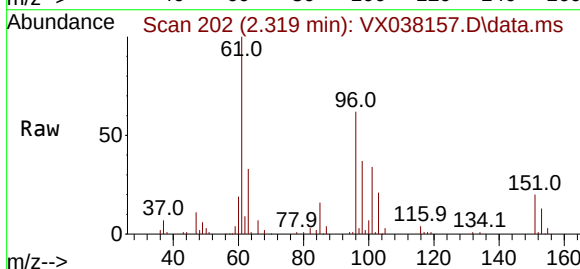
Manual Integrations
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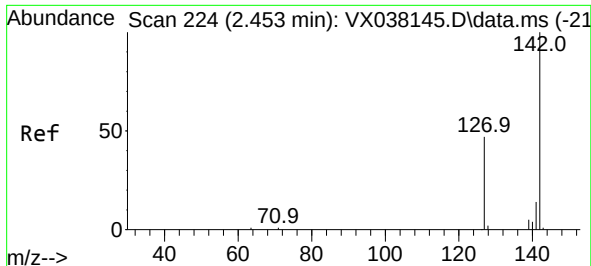
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#10
1,1-Dichloroethene
Concen: 20.706 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 96 Resp: 23476
Ion Ratio Lower Upper
96 100
61 162.2 127.2 190.8
98 60.3 52.7 79.1





#11

Methyl Iodide

Concen: 15.389 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

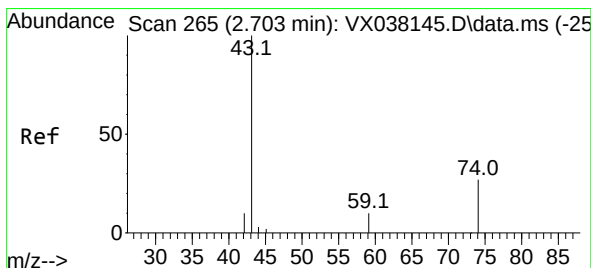
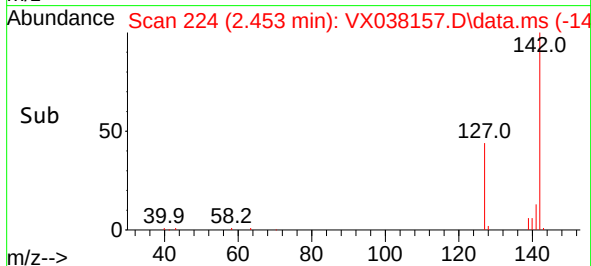
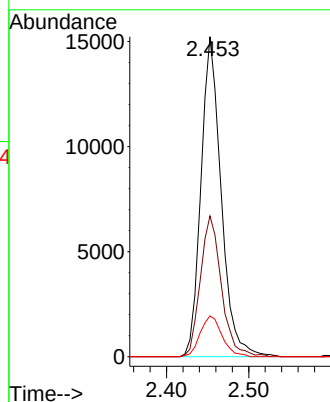
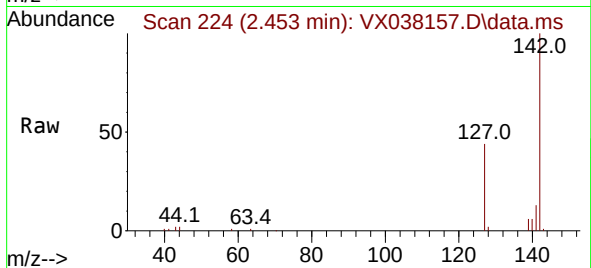
Tgt Ion:142 Resp: 2600
 Ion Ratio Lower Upper
 142 100
 127 44.0 22.9 68.8
 141 12.8 7.5 22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#12

Methyl Acetate

Concen: 18.577 ug/l

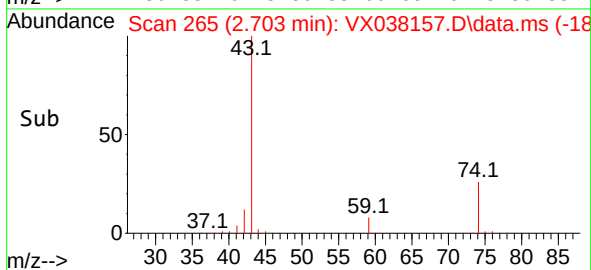
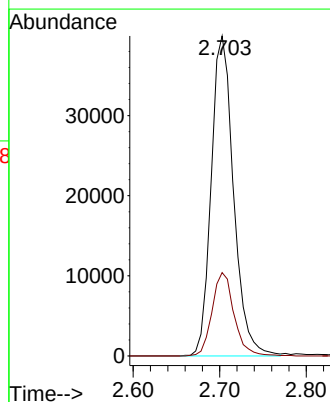
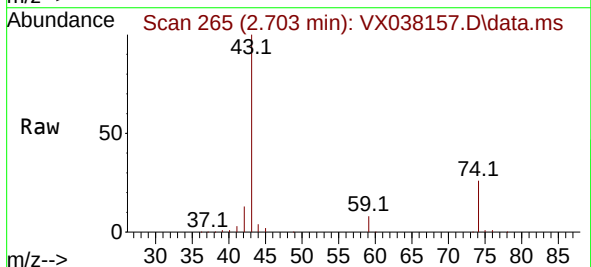
RT: 2.703 min Scan# 265

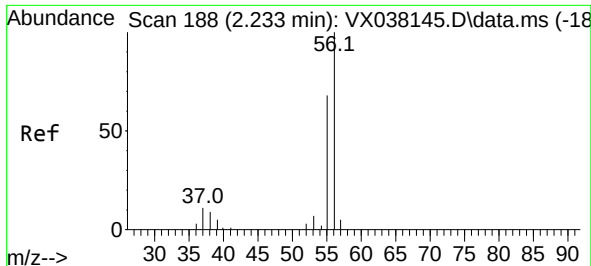
Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

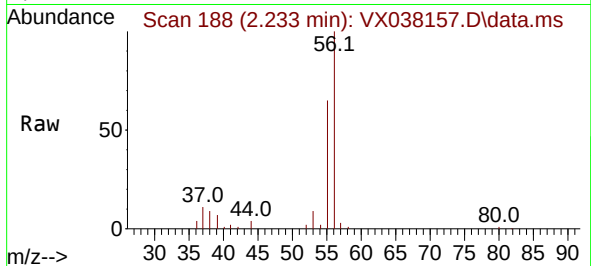
Tgt Ion: 43 Resp: 71681
 Ion Ratio Lower Upper
 43 100
 74 26.1 20.3 30.5





#13
Acrolein
Concen: 70.824 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

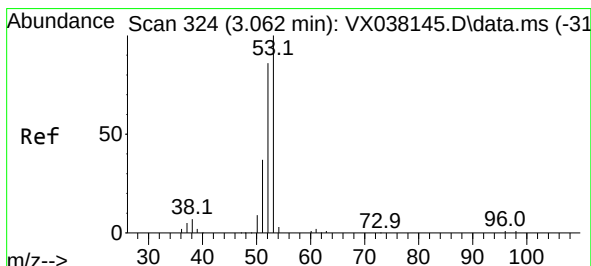
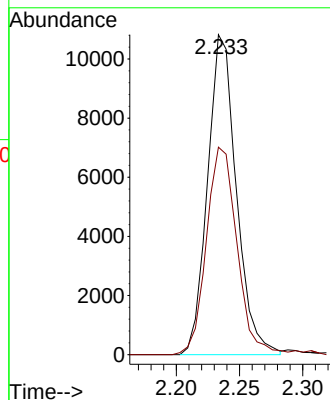
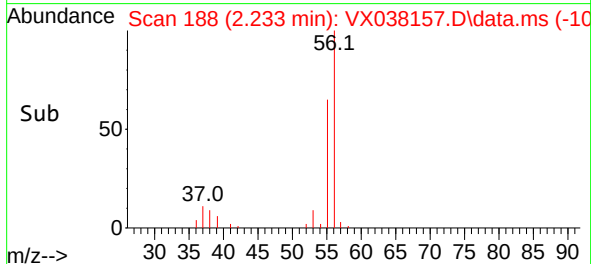
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 1713
Ion Ratio Lower Upper
56 100
55 68.9 59.7 89.5

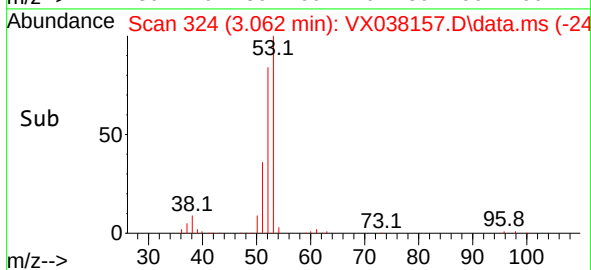
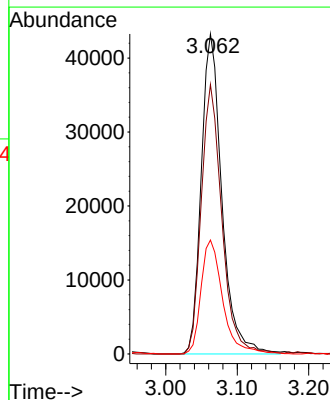
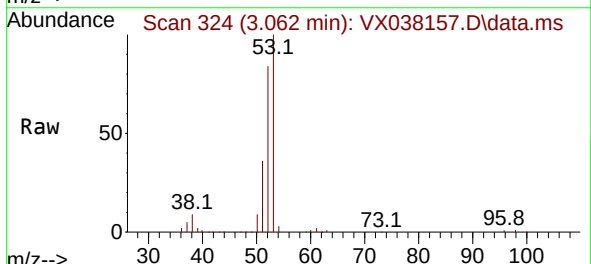
Manual Integrations
APPROVED

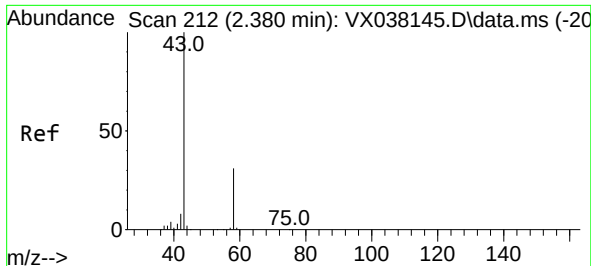
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#14
Acrylonitrile
Concen: 96.024 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 53 Resp: 86839
Ion Ratio Lower Upper
53 100
52 83.9 40.0 119.9
51 37.4 18.2 54.6





#15

Acetone

Concen: 96.327 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 23190

Ion Ratio Lower Upper

58 100

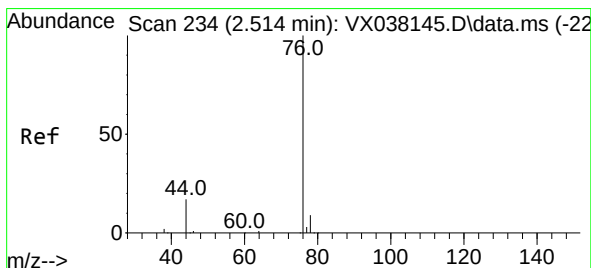
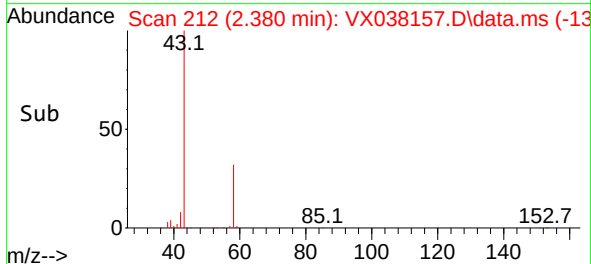
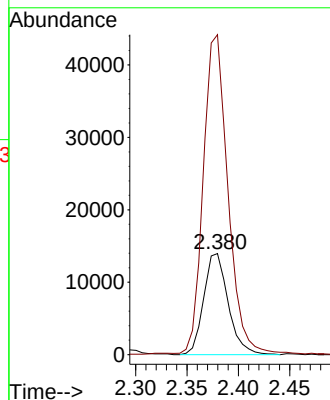
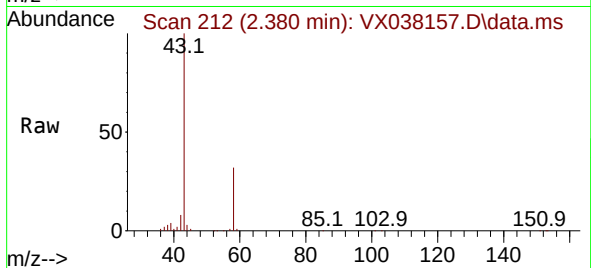
43 315.0 261.0 391.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#16

Carbon Disulfide

Concen: 19.703 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX038157.D

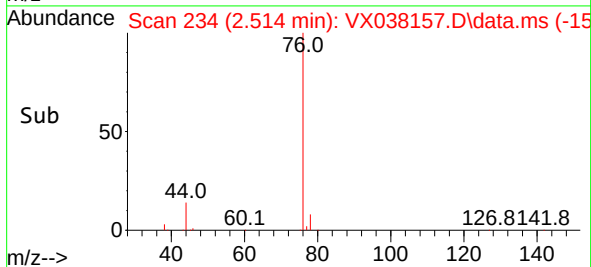
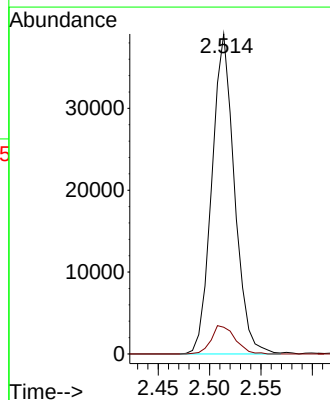
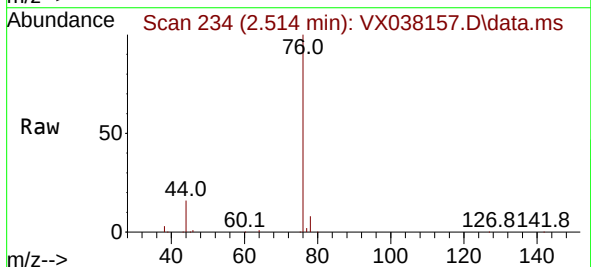
Acq: 07 Oct 2023 04:29

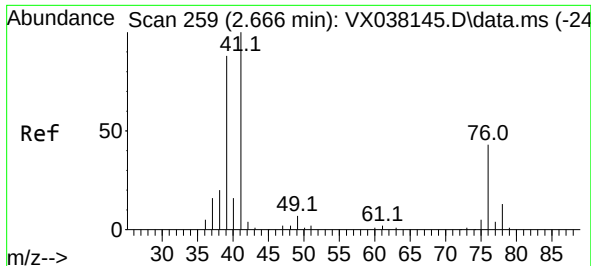
Tgt Ion: 76 Resp: 59693

Ion Ratio Lower Upper

76 100

78 8.4 8.0 12.0





#17

Allyl chloride

Concen: 18.742 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

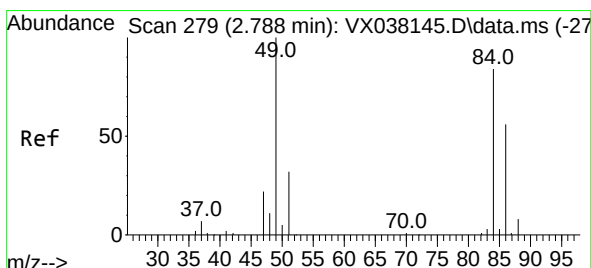
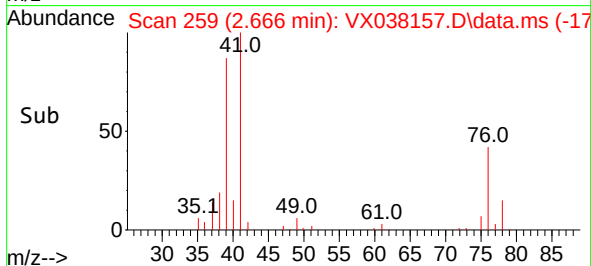
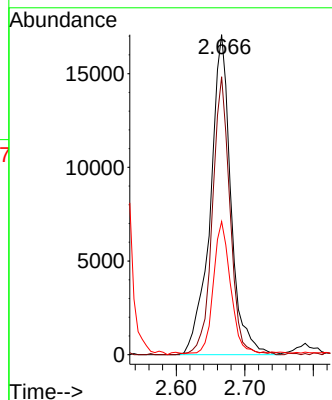
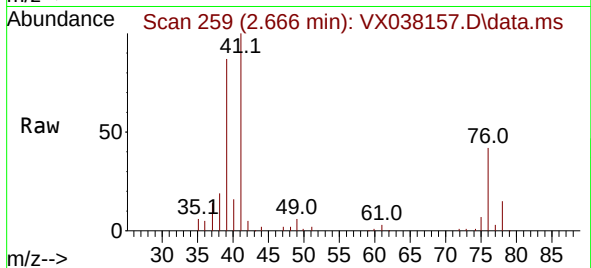
Tgt Ion:	41	Resp:	35709
Ion	Ratio	Lower	Upper
41	100		
39	86.9	38.5	115.3
76	41.1	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#18

Methylene Chloride

Concen: 19.619 ug/l

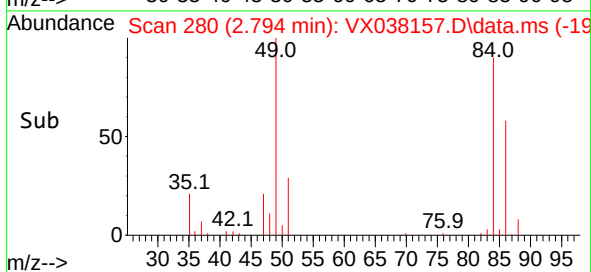
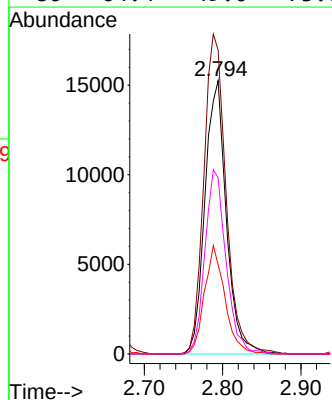
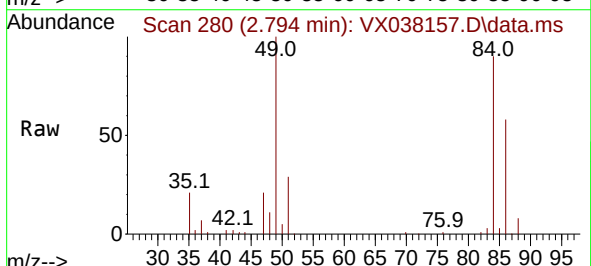
RT: 2.794 min Scan# 280

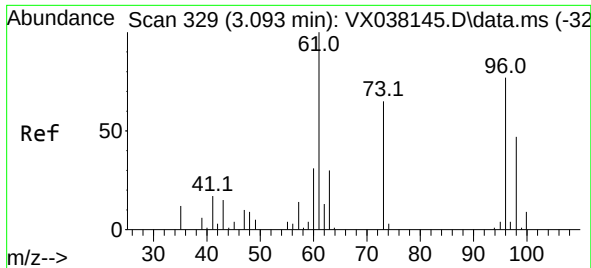
Delta R.T. 0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

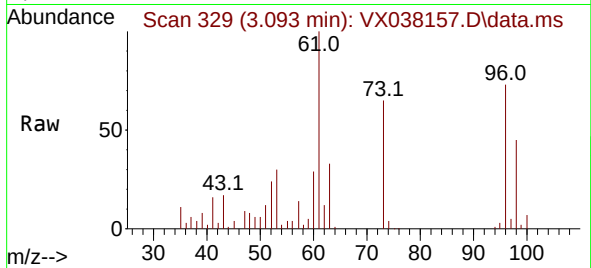
Tgt Ion:	84	Resp:	29002
Ion	Ratio	Lower	Upper
84	100		
49	111.2	95.4	143.0
51	32.7	28.3	42.5
86	64.4	49.0	73.6





#19
trans-1,2-Dichloroethene
Concen: 19.443 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

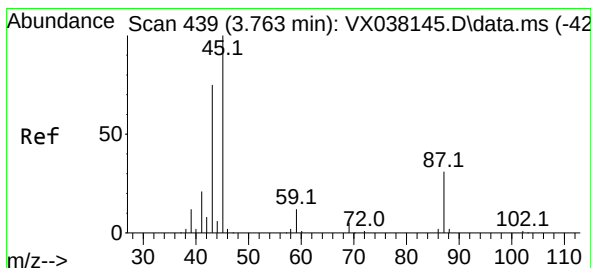
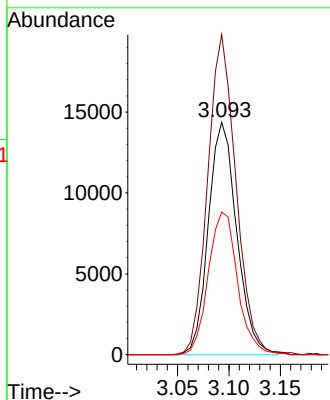
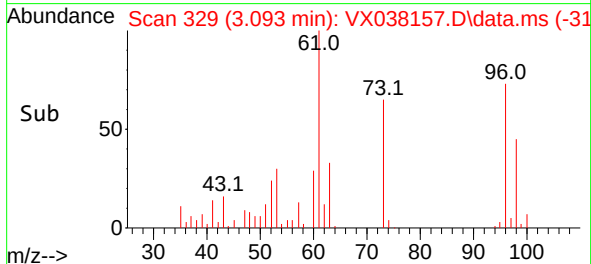
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



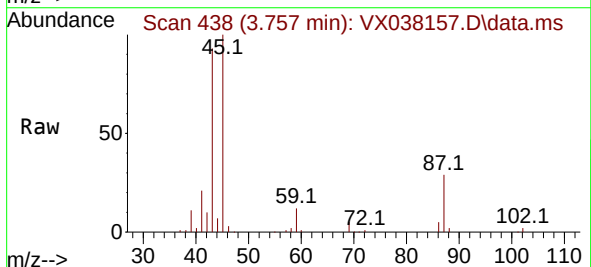
Tgt Ion: 96 Resp: 2760
Ion Ratio Lower Upper
96 100
61 137.4 108.7 163.1
98 61.4 49.1 73.7

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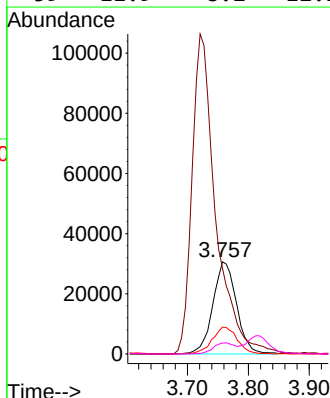
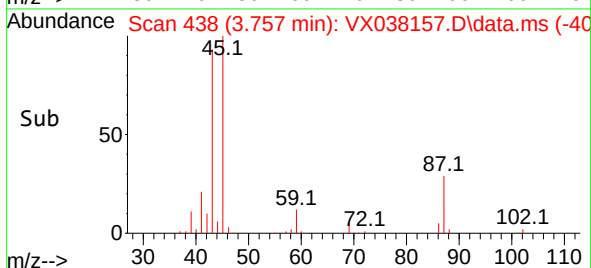
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

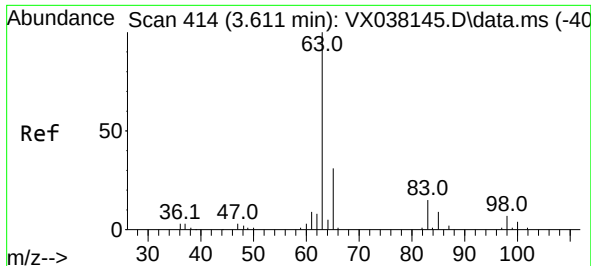


#20
Diisopropyl ether
Concen: 19.781 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29



Tgt Ion: 45 Resp: 82706
Ion Ratio Lower Upper
45 100
43 90.3 55.8 83.6#
87 29.2 23.0 34.4
59 11.9 8.2 12.2





#21

1,1-Dichloroethane

Concen: 19.992 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

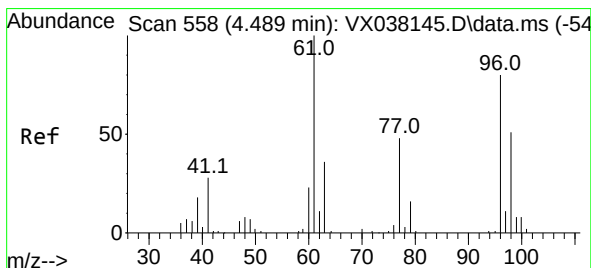
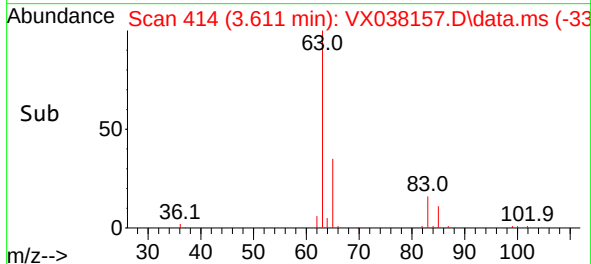
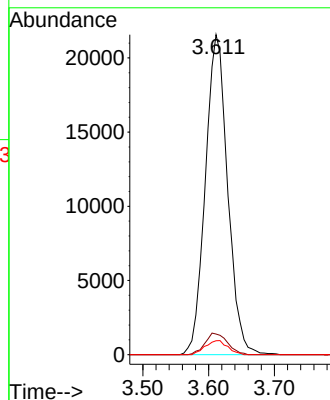
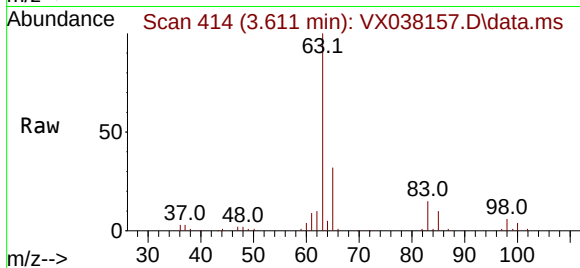
Tgt Ion: 63	Resp: 5087
Ion Ratio	Lower Upper
63	100
98	6.5 3.2 9.6
100	4.3 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#22

cis-1,2-Dichloroethene

Concen: 19.368 ug/l

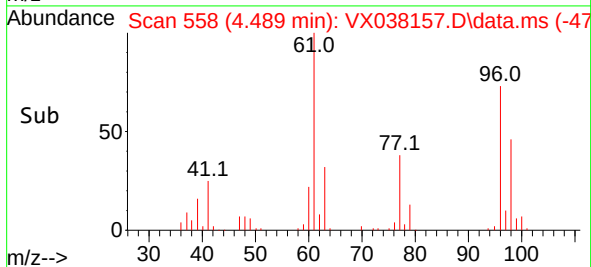
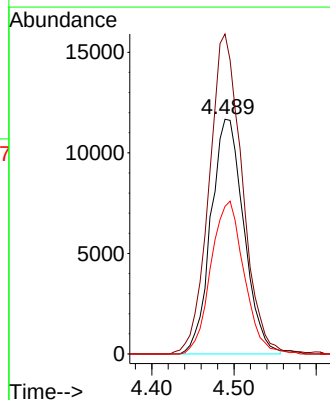
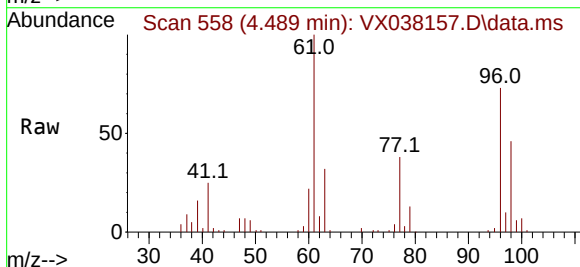
RT: 4.489 min Scan# 558

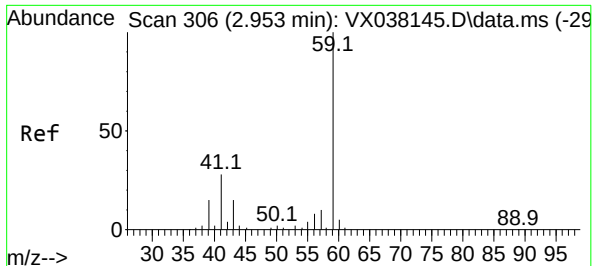
Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

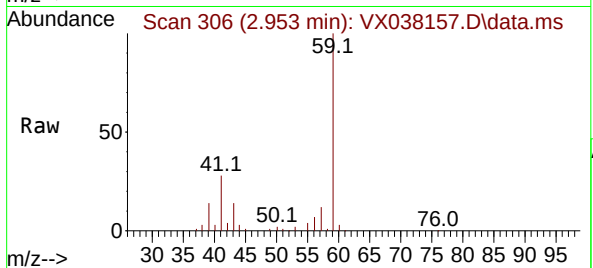
Tgt Ion: 96	Resp: 32387
Ion Ratio	Lower Upper
96	100
61	137.4 114.0 171.0
98	65.6 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 85.148 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

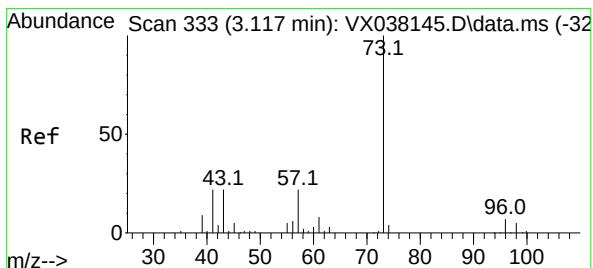
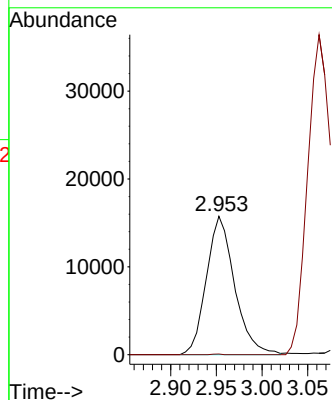
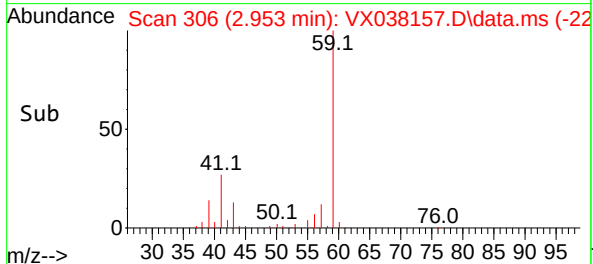
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 33845
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8

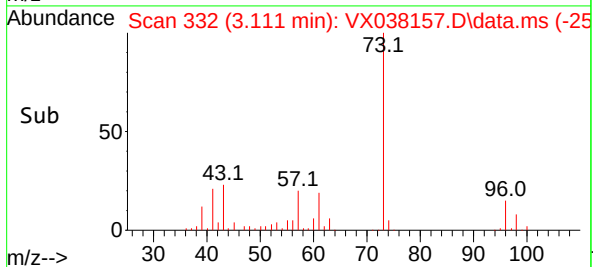
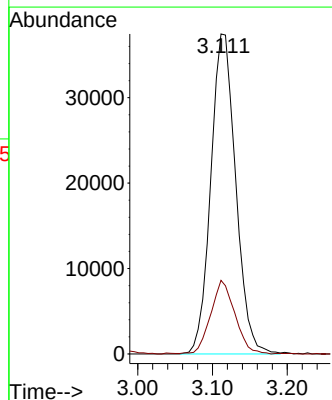
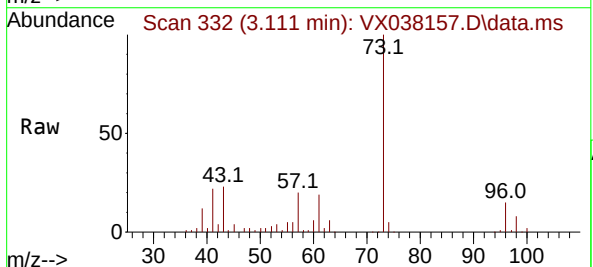
Manual Integrations
APPROVED

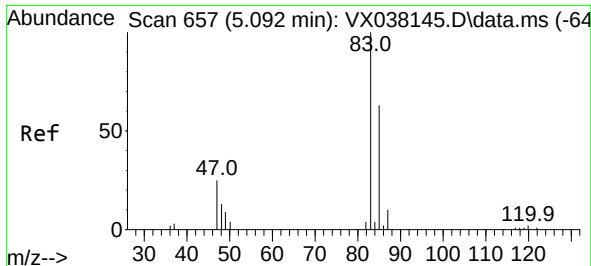
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#24
Methyl tert-Butyl Ether
Concen: 19.529 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 73 Resp: 86921
Ion Ratio Lower Upper
73 100
43 22.2 16.8 25.2





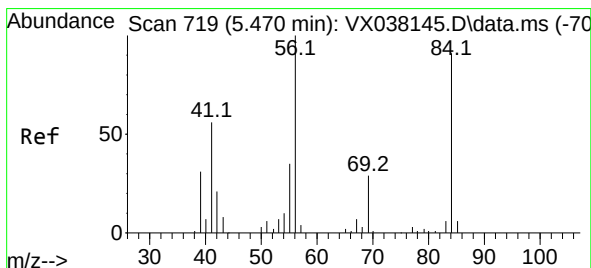
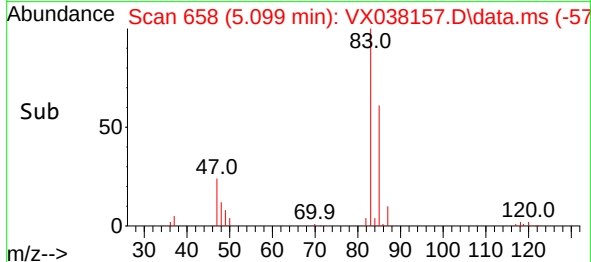
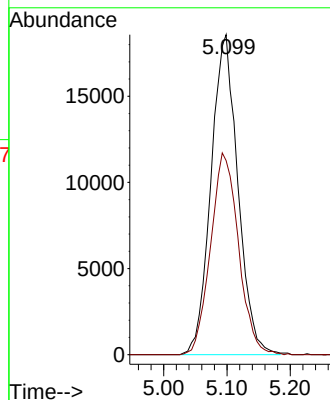
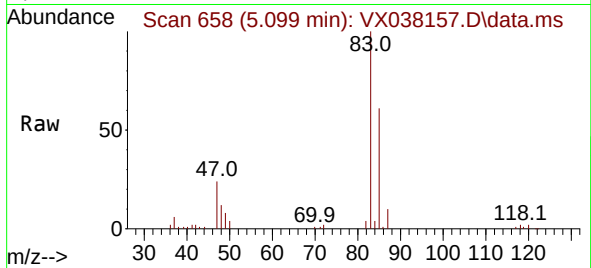
#25
Chloroform
Concen: 18.960 ug/l
RT: 5.099 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5478
Ion Ratio Lower Upper
83 100
85 60.7 51.5 77.3

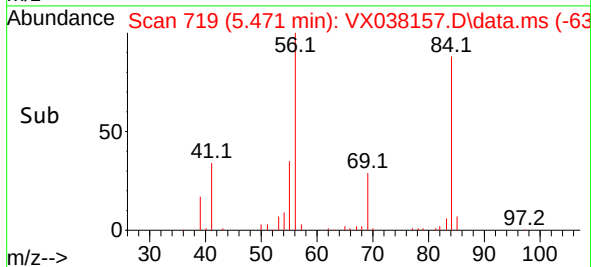
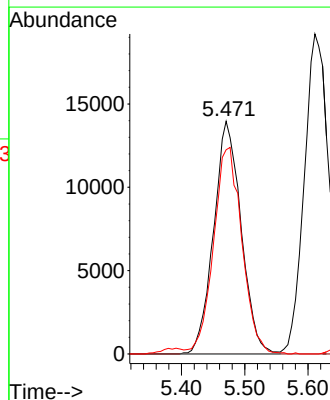
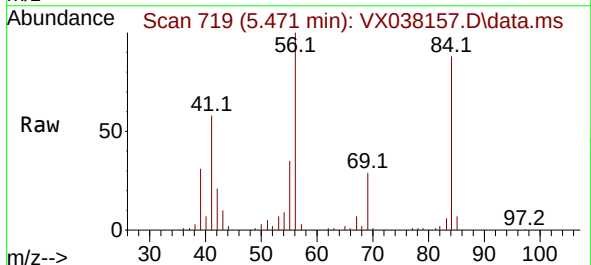
Manual Integrations
APPROVED

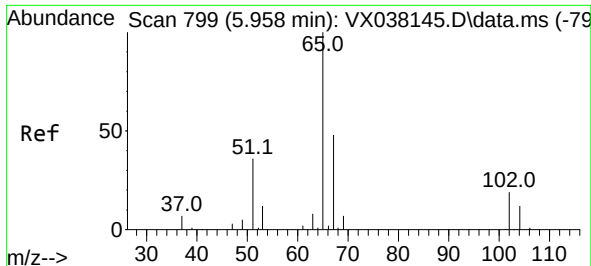
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#26
Cyclohexane
Concen: 19.553 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 56 Resp: 42087
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.6 71.4 107.2





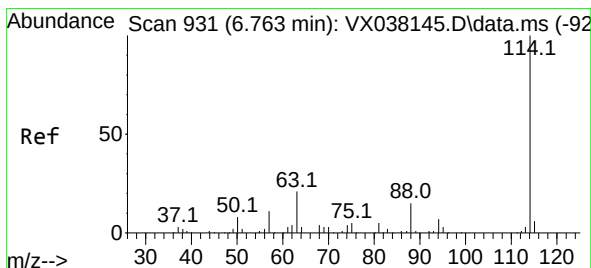
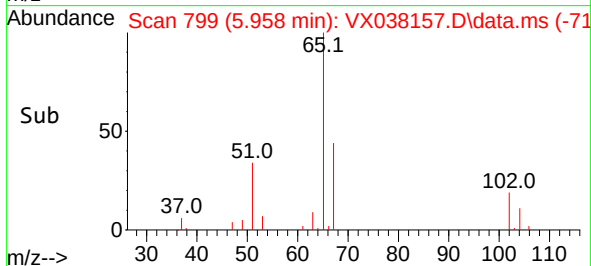
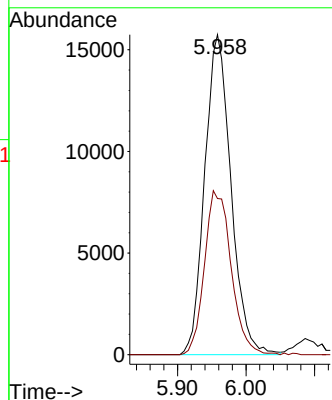
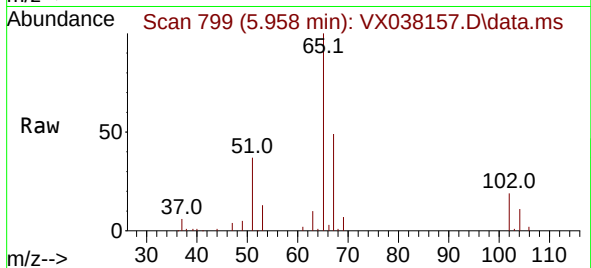
#27
1,2-Dichloroethane-d4
Concen: 29.975 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 41958
Ion Ratio Lower Upper
65 100
67 51.9 42.1 63.1

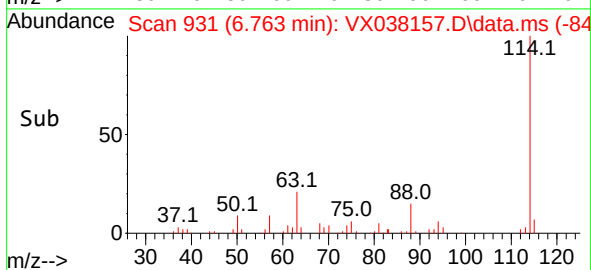
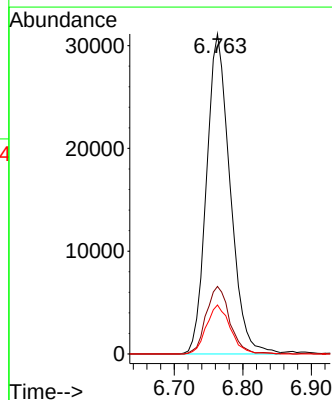
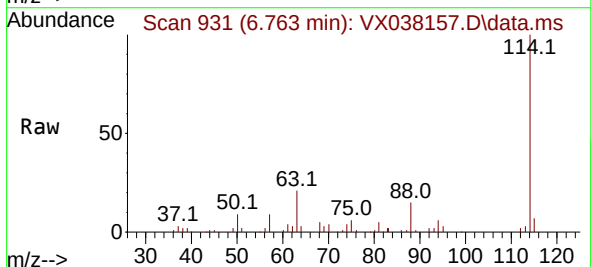
Manual Integrations
APPROVED

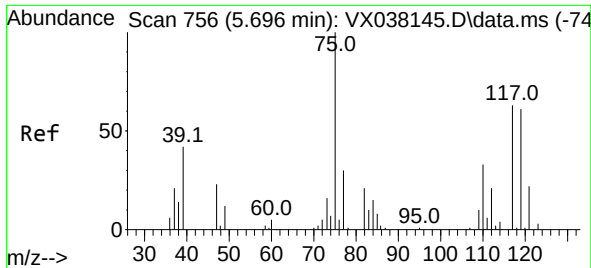
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion:114 Resp: 74504
Ion Ratio Lower Upper
114 100
63 20.9 16.6 24.8
88 15.4 12.9 19.3





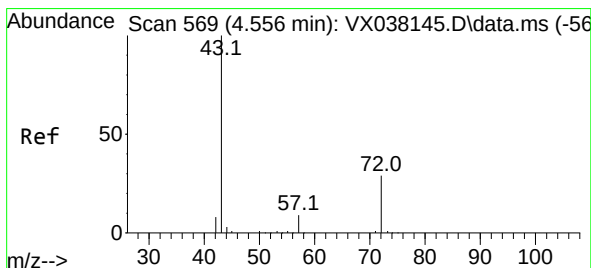
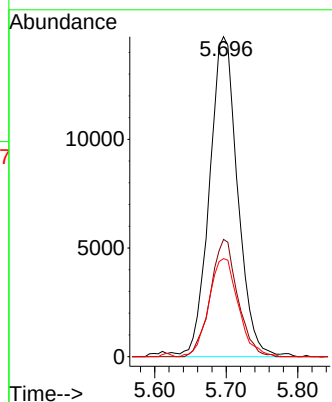
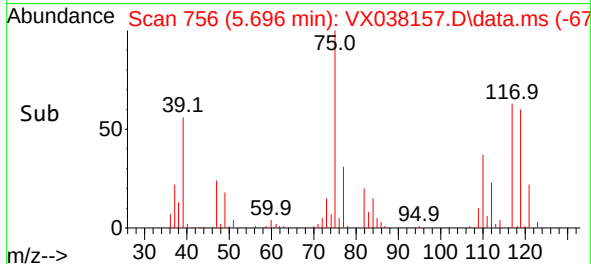
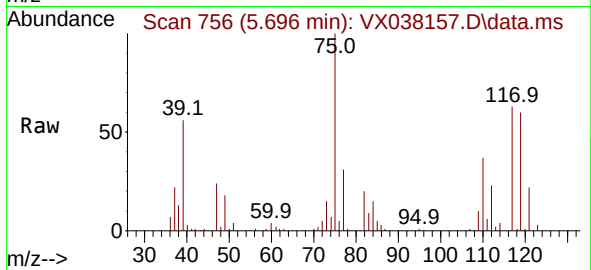
#29
1,1-Dichloropropene
Concen: 20.399 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 40210
Ion Ratio Lower Upper
75 100
110 35.6 0.0 70.4
77 32.2 0.0 62.8

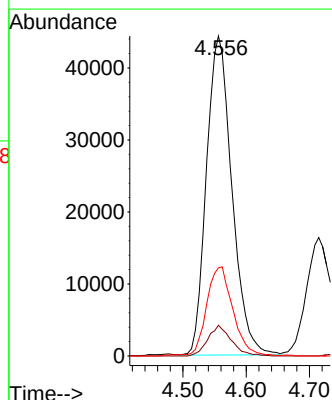
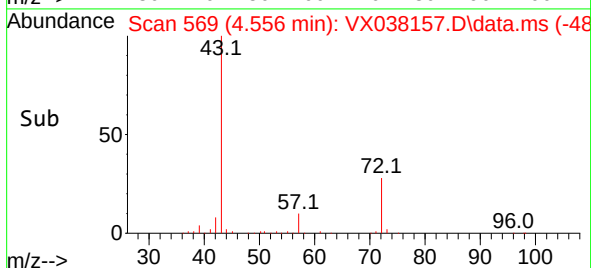
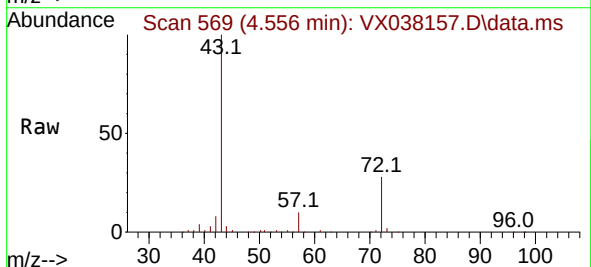
Manual Integrations
APPROVED

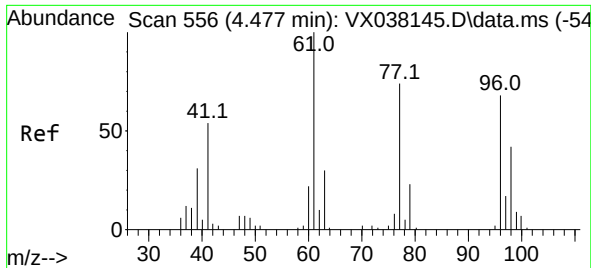
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#30
2-Butanone
Concen: 97.830 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 43 Resp: 123949
Ion Ratio Lower Upper
43 100
57 8.8 6.4 9.6
72 28.6 21.6 32.4





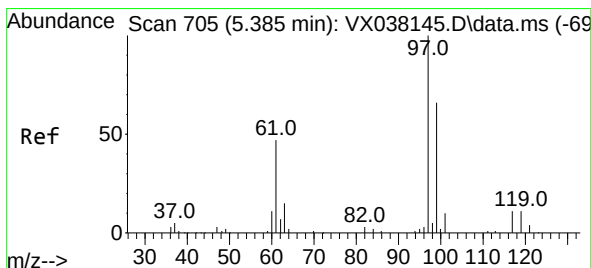
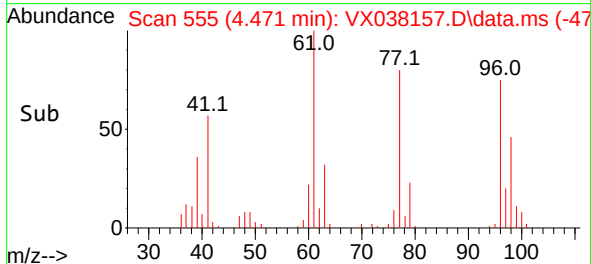
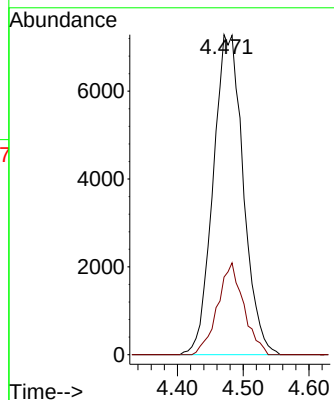
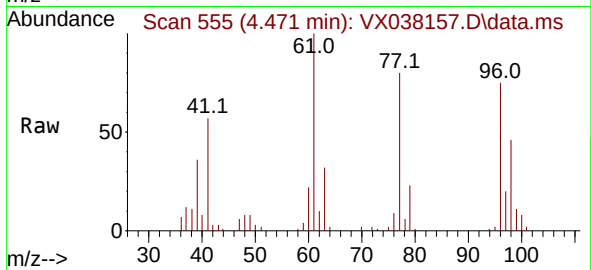
#31
2,2-Dichloropropane
Concen: 15.934 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 2320
Ion Ratio Lower Upper
77 100
97 24.9 18.6 27.8

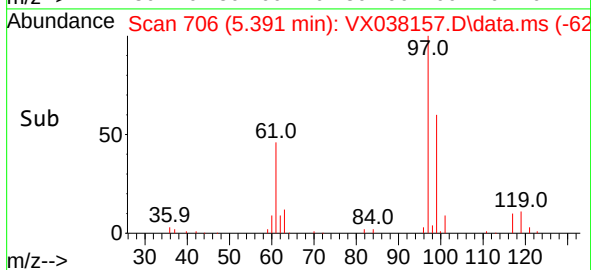
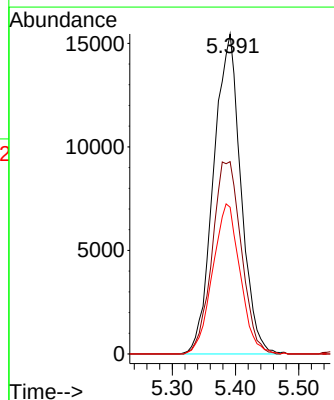
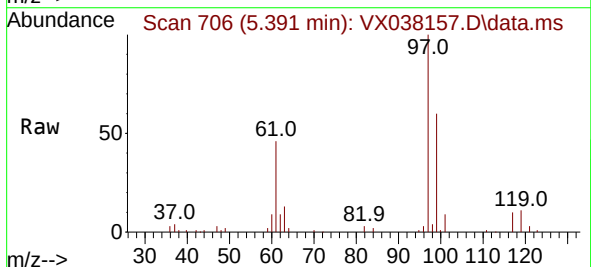
Manual Integrations
APPROVED

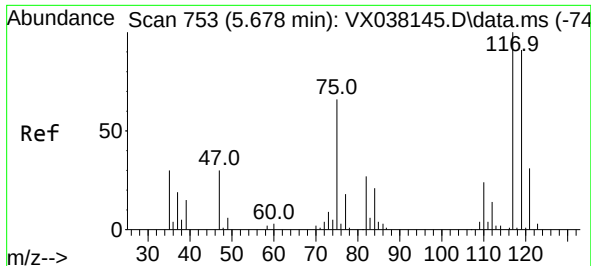
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#32
1,1,1-Trichloroethane
Concen: 19.660 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

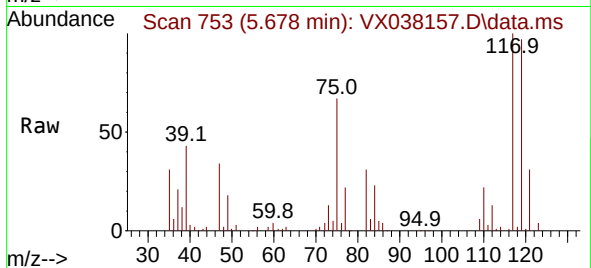
Tgt Ion: 97 Resp: 46305
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 47.3 35.8 53.8





#33
Carbon Tetrachloride
Concen: 19.516 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

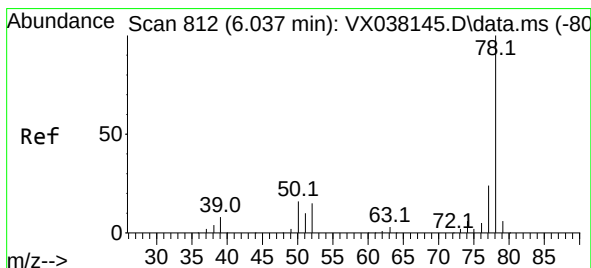
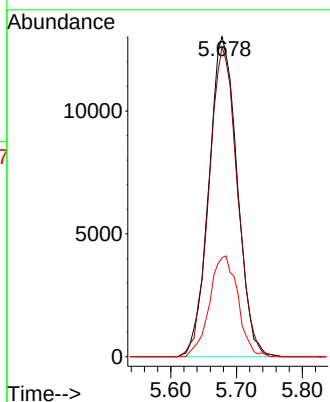
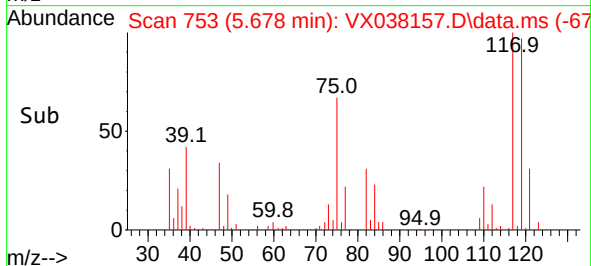
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



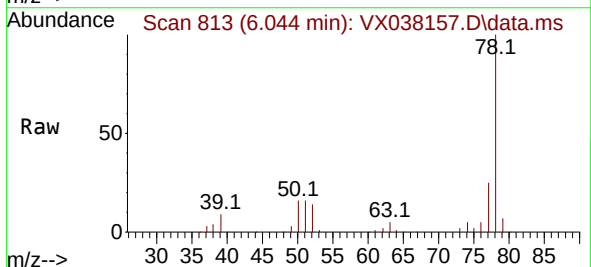
Tgt Ion: 117 Resp: 38940
Ion Ratio Lower Upper
117 100
119 96.8 76.6 115.0
121 31.0 26.5 39.7

Manual Integrations
APPROVED

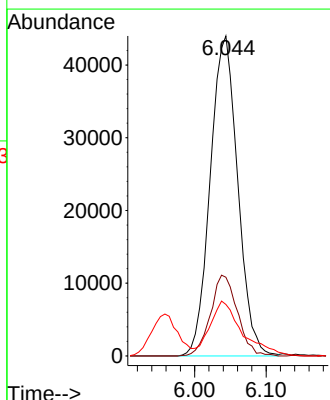
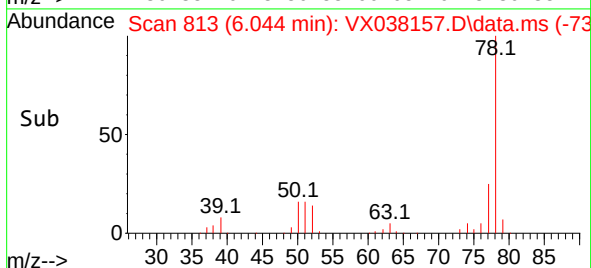
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

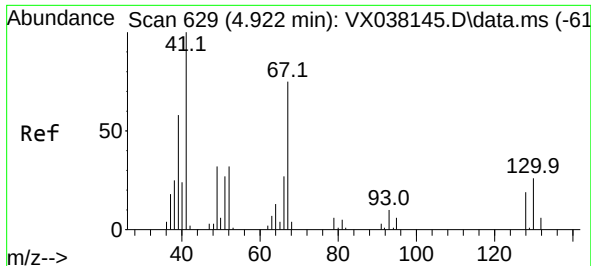


#34
Benzene
Concen: 20.149 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29



Tgt Ion: 78 Resp: 117488
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1
51 14.9 14.2 21.4





#35
Methacrylonitrile
Concen: 20.869 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

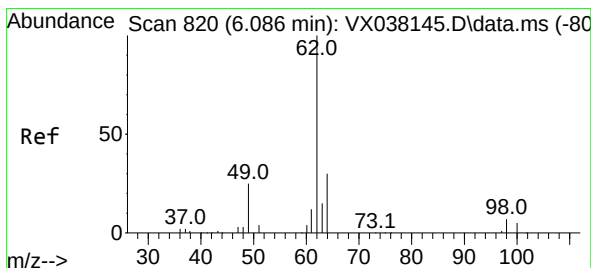
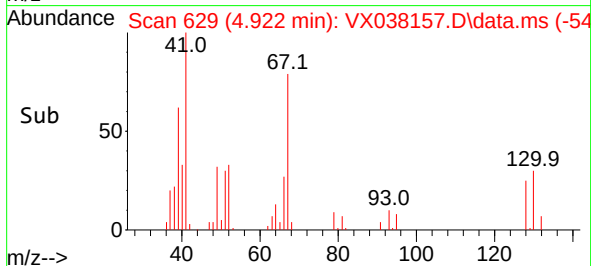
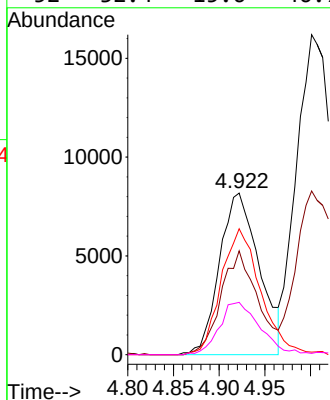
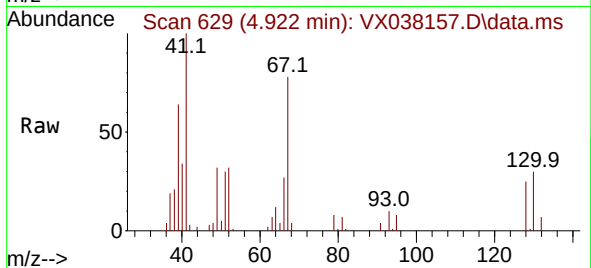
Tgt Ion: 41 Resp: 24754
Ion Ratio Lower Upper
41 100
39 64.3 28.2 84.7
67 77.9 35.0 105.1
52 32.4 15.6 46.7

Manual Integrations

APPROVED

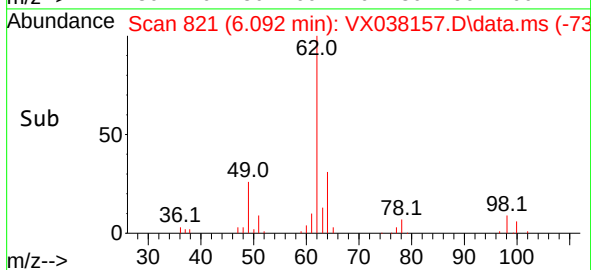
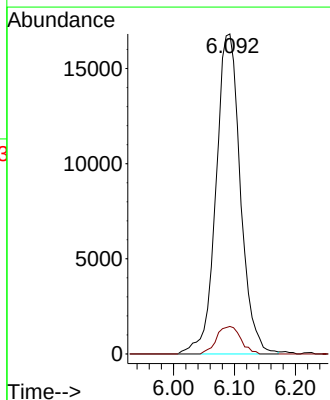
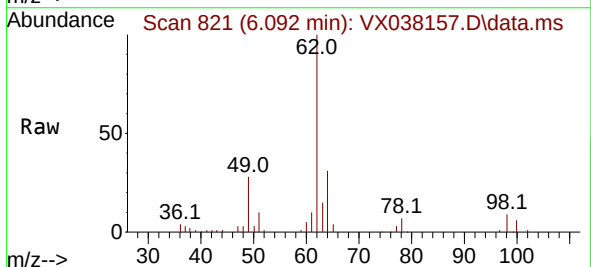
Reviewed By :John Carlone 10/09/2023

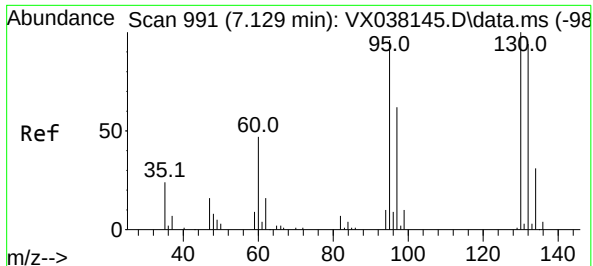
Supervised By :Mahesh Dadoda 10/09/2023



#36
1,2-Dichloroethane
Concen: 20.688 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

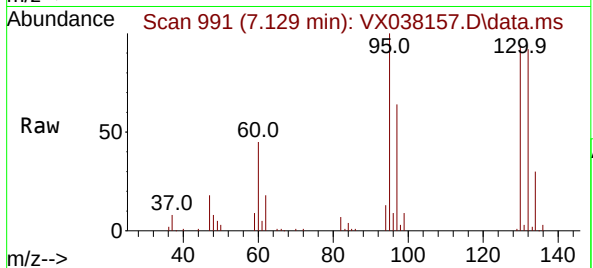
Tgt Ion: 62 Resp: 46800
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#37
Trichloroethene
Concen: 20.176 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

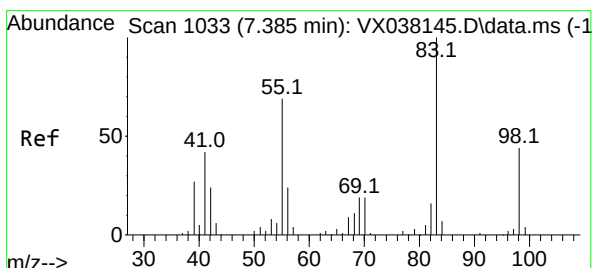
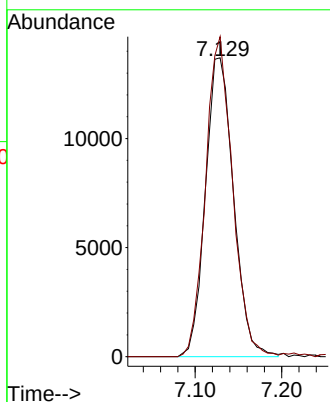
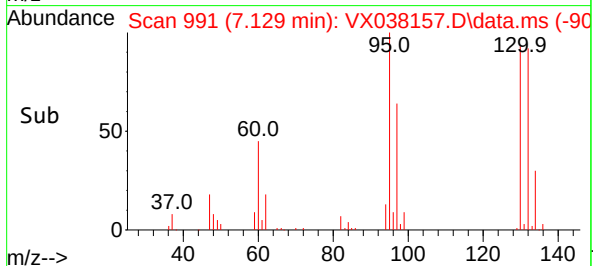
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



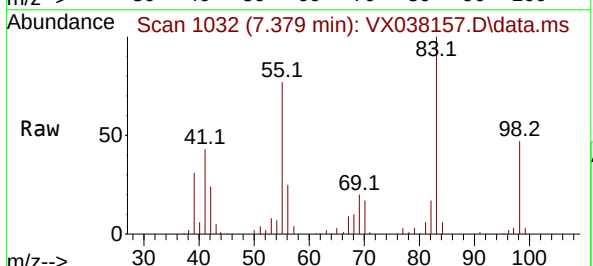
Tgt Ion:130 Resp: 3098
Ion Ratio Lower Upper
130 100
95 107.1 83.2 124.8

Manual Integrations
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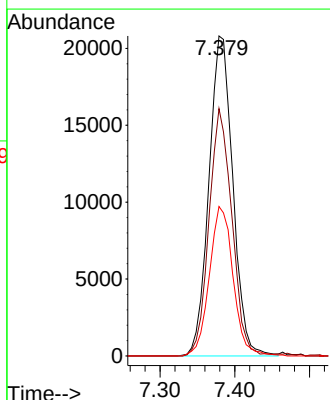
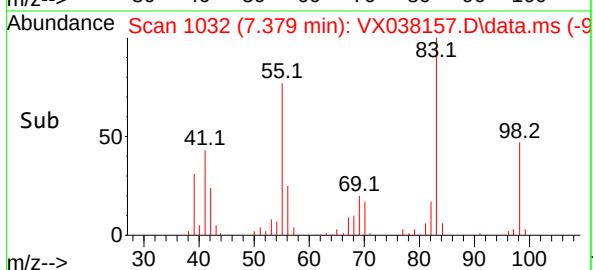
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

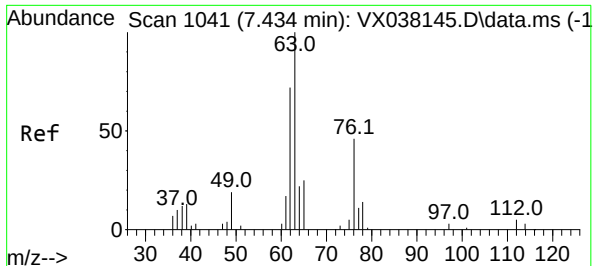


#38
Methylcyclohexane
Concen: 19.719 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29



Tgt Ion: 83 Resp: 46301
Ion Ratio Lower Upper
83 100
55 73.6 38.1 114.5
98 46.4 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.459 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

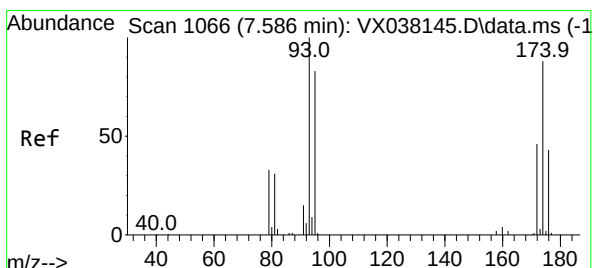
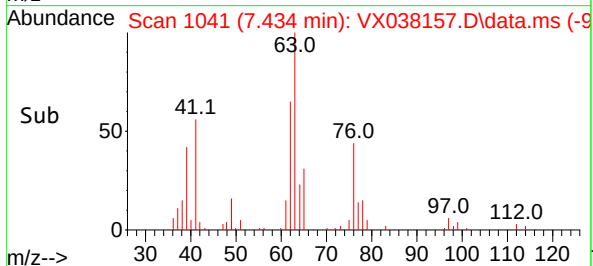
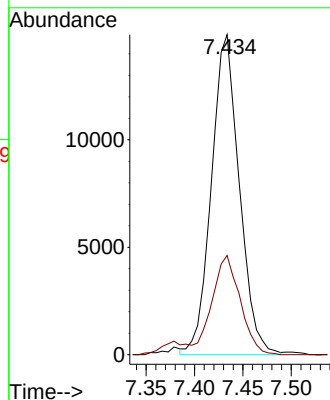
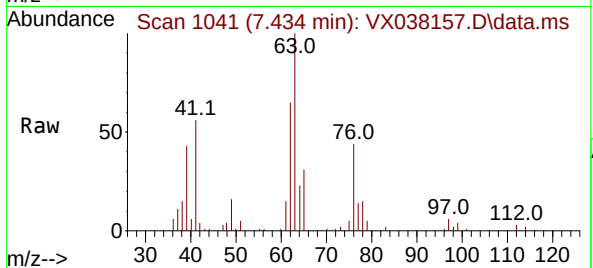
Tgt Ion: 63 Resp: 2990
 Ion Ratio Lower Upper
 63 100
 65 31.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#40

Dibromomethane

Concen: 20.180 ug/l

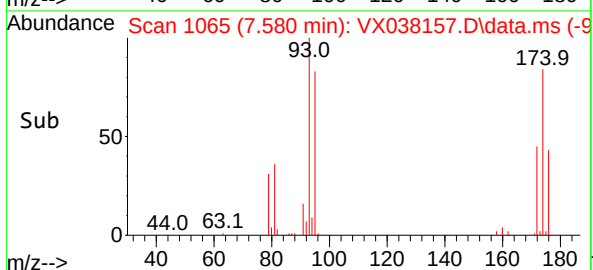
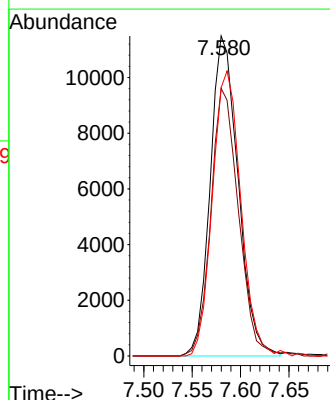
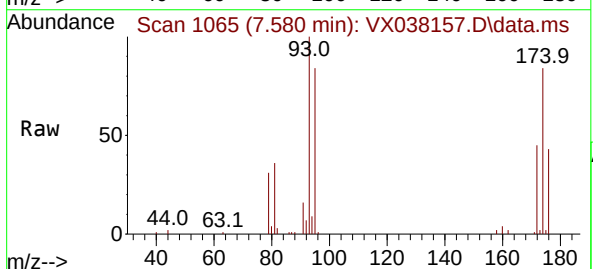
RT: 7.580 min Scan# 1065

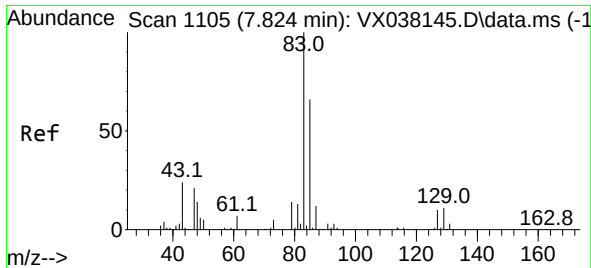
Delta R.T. -0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

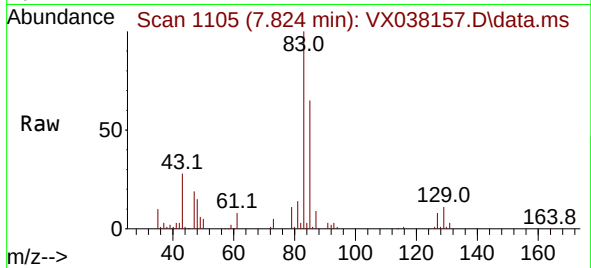
Tgt Ion: 93 Resp: 23049
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 166.8
 174 90.1 0.0 191.6





#41
Bromodichloromethane
Concen: 19.498 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

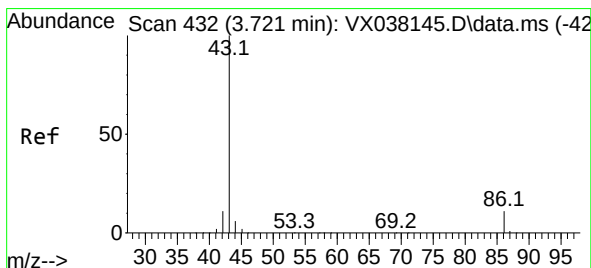
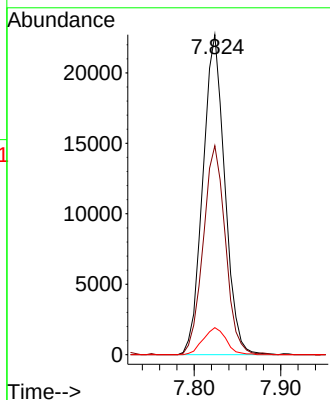
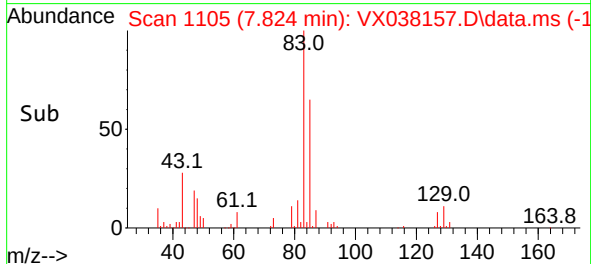
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 3992
Ion Ratio Lower Upper
83 100
85 65.3 51.5 77.3
127 8.4 6.4 9.6

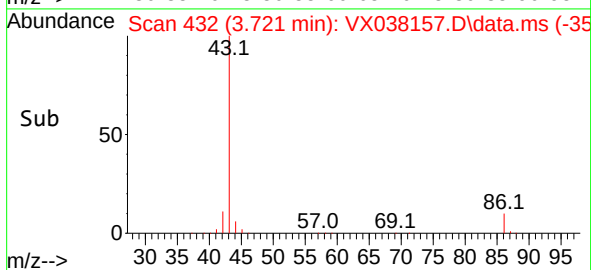
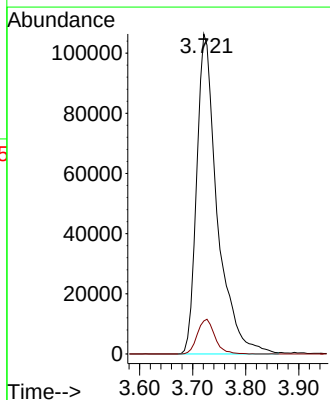
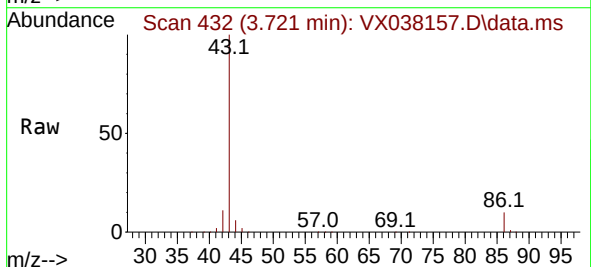
Manual Integrations
APPROVED

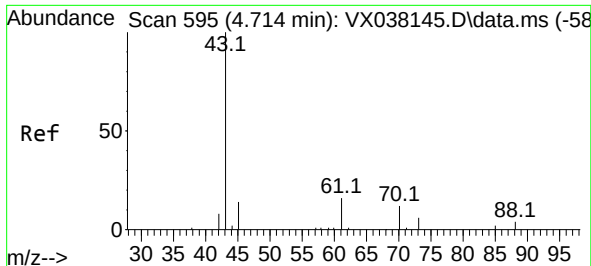
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#42
Vinyl Acetate
Concen: 103.185 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 43 Resp: 287740
Ion Ratio Lower Upper
43 100
86 9.1 7.4 11.0





#43

Ethyl Acetate

Concen: 20.041 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 4645

Ion Ratio Lower Upper

43 100

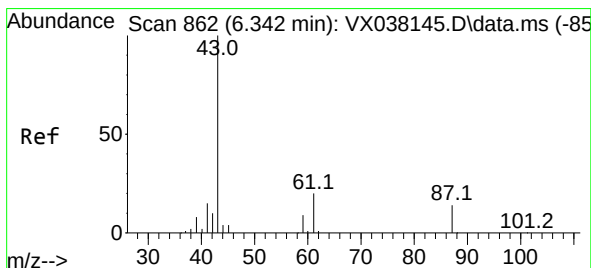
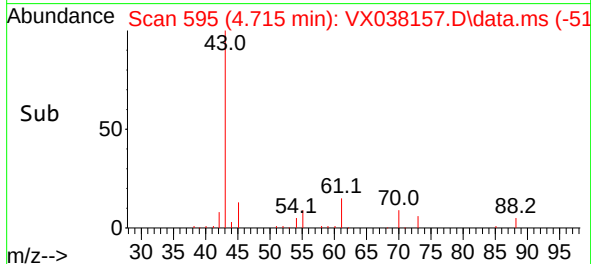
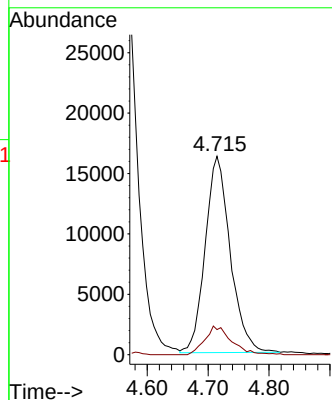
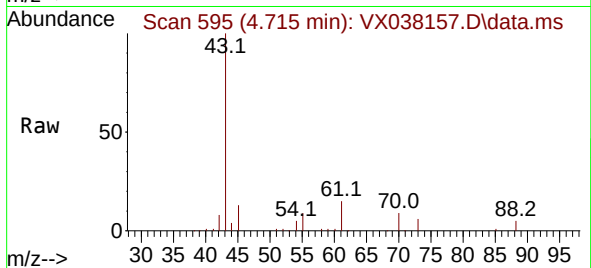
45 15.3 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#44

Isopropyl Acetate

Concen: 20.174 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038157.D

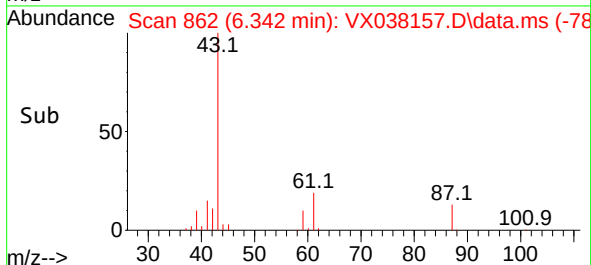
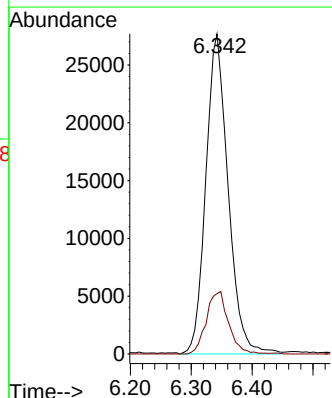
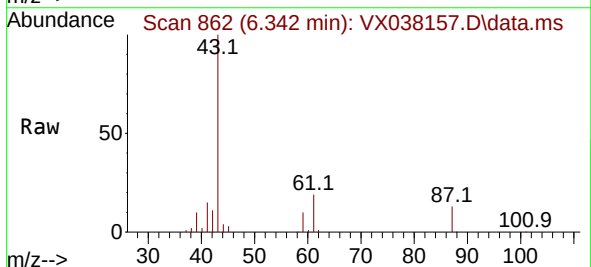
Acq: 07 Oct 2023 04:29

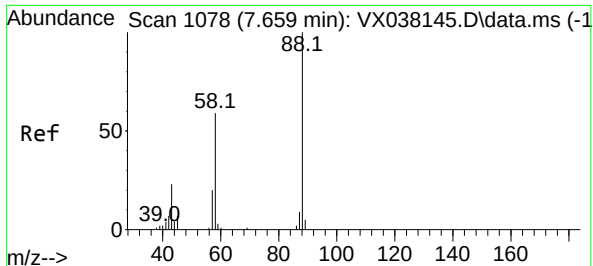
Tgt Ion: 43 Resp: 70384

Ion Ratio Lower Upper

43 100

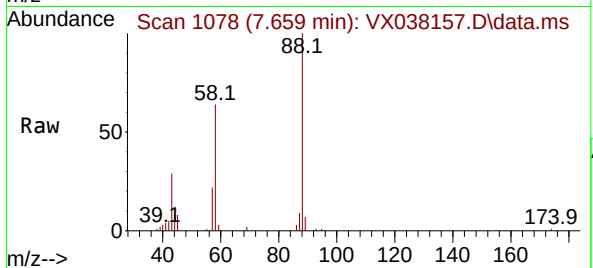
61 19.3 15.4 23.0





#45
1,4-Dioxane
Concen: 338.409 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

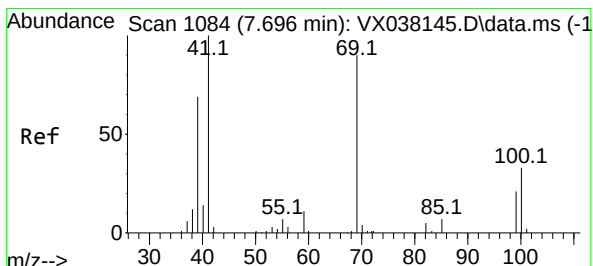
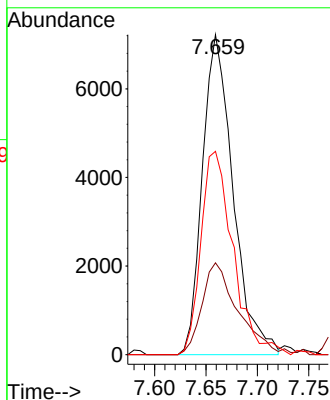
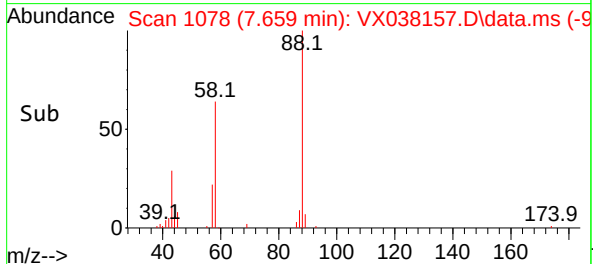
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



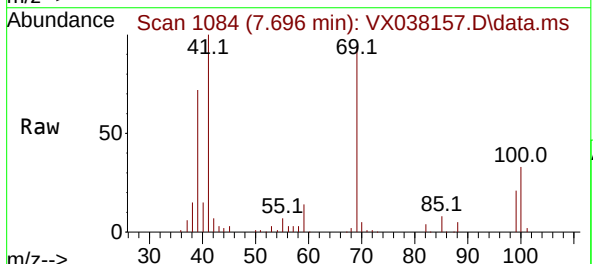
Tgt Ion: 88 Resp: 15004
Ion Ratio Lower Upper
88 100
43 33.3 297.5 446.3
58 64.6 1.0 1.4

Manual Integrations
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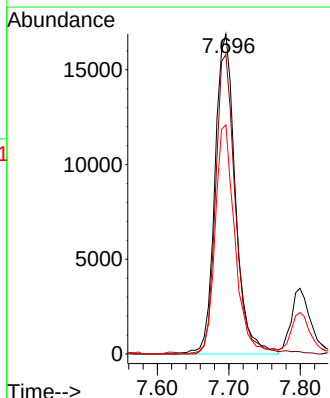
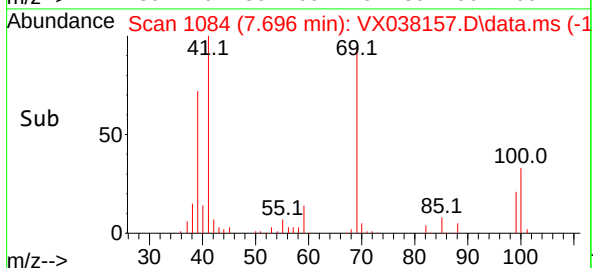
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

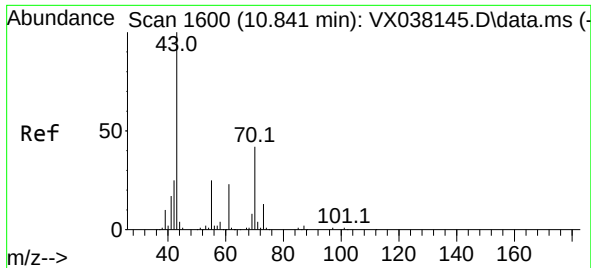


#46
Methyl methacrylate
Concen: 19.549 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29



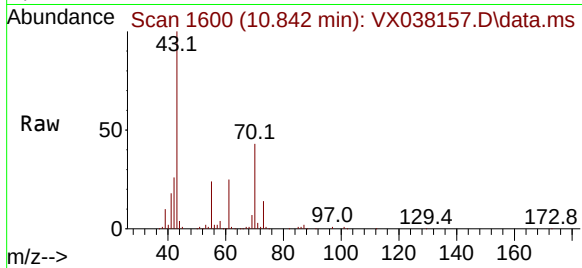
Tgt Ion: 41 Resp: 33627
Ion Ratio Lower Upper
41 100
69 93.6 44.4 133.1
39 71.2 34.9 104.7





#47
n-amy1 Acetate
Concen: 20.159 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

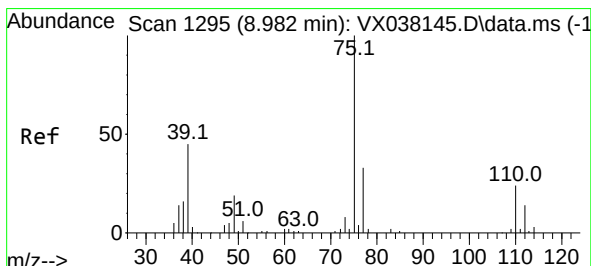
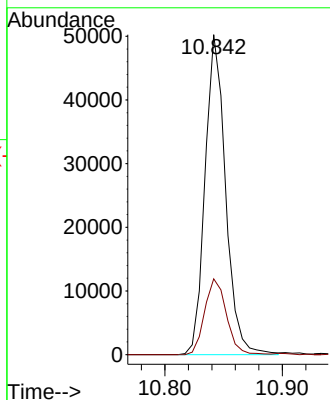
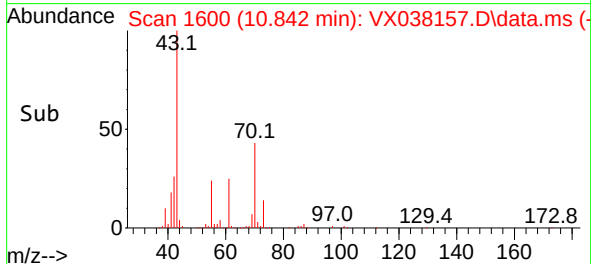
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 61058
Ion Ratio Lower Upper
43 100
55 25.1 18.6 28.0

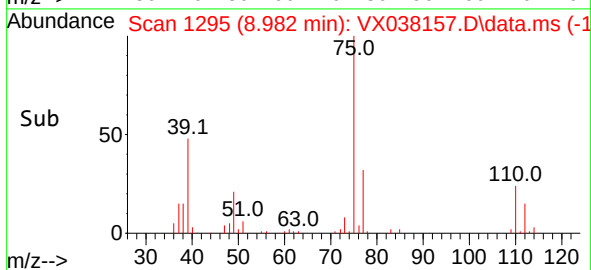
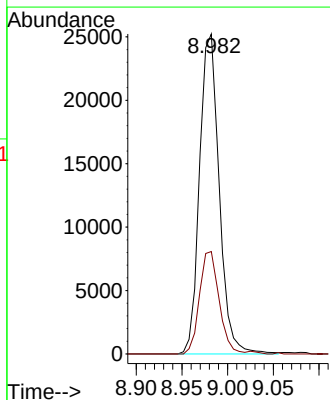
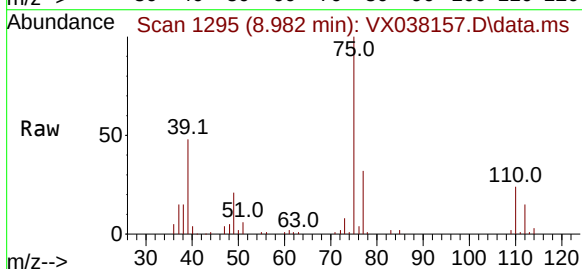
Manual Integrations
APPROVED

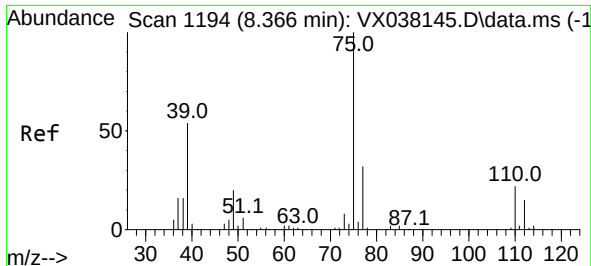
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#48
t-1,3-Dichloropropene
Concen: 17.932 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 75 Resp: 37739
Ion Ratio Lower Upper
75 100
77 32.0 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.689 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 4170

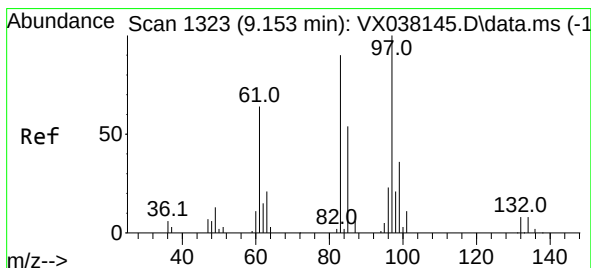
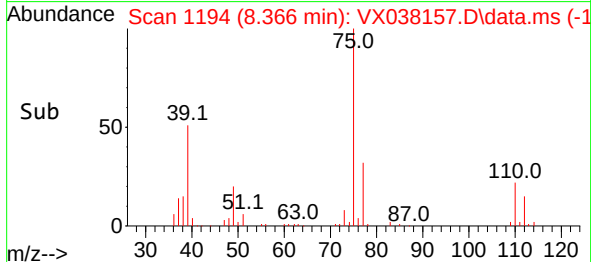
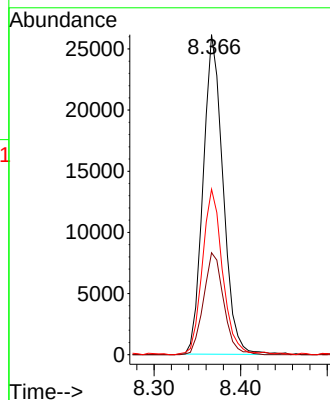
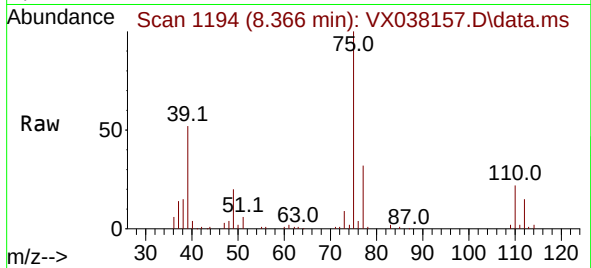
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
39	51.4	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#50

1,1,2-Trichloroethane

Concen: 19.787 ug/l

RT: 9.153 min Scan# 1323

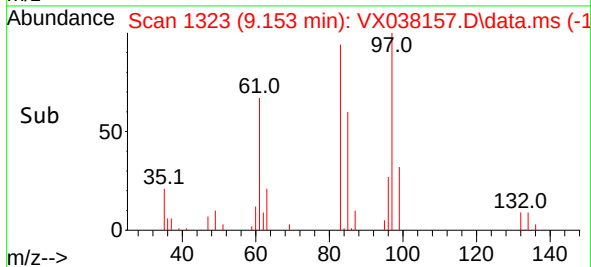
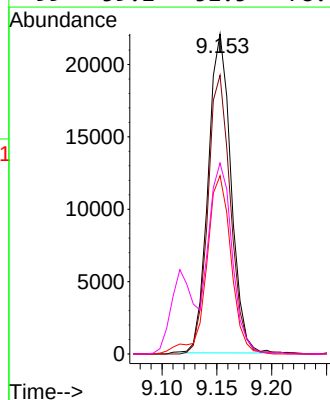
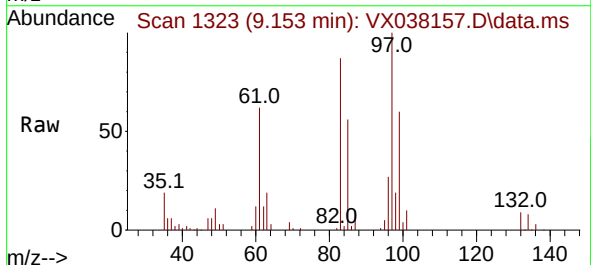
Delta R.T. 0.000 min

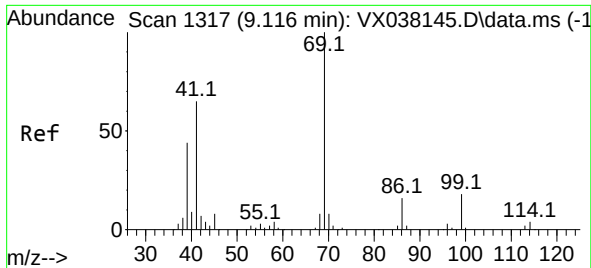
Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Tgt Ion: 97 Resp: 31907

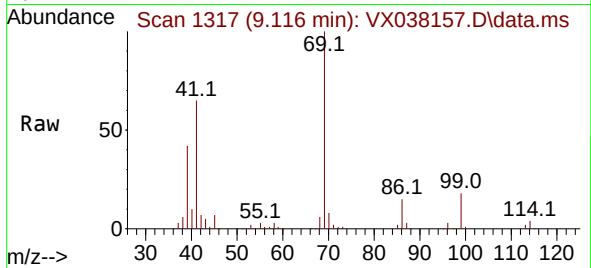
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.0	105.0
85	55.9	46.1	69.1
99	59.2	52.5	78.7





#51
Ethyl methacrylate
Concen: 19.453 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

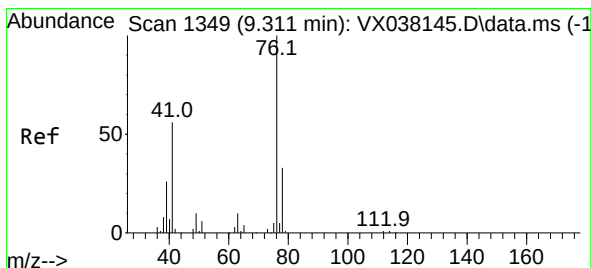
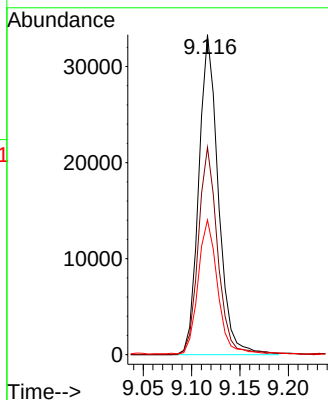
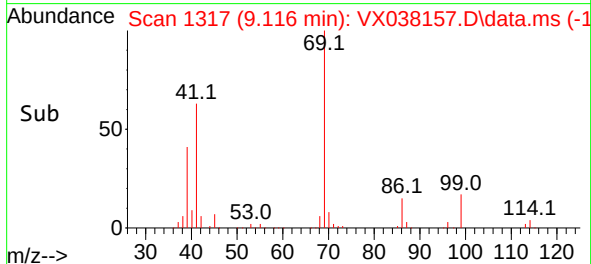
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



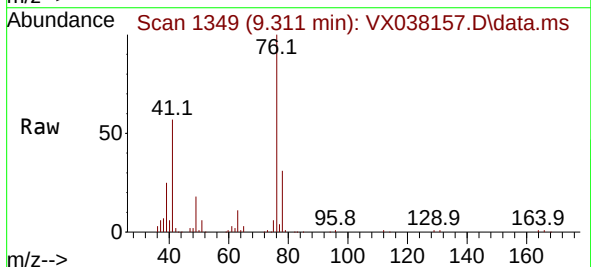
Tgt Ion: 69 Resp: 46978
Ion Ratio Lower Upper
69 100
41 64.5 32.0 96.0
39 41.9 19.4 58.4

Manual Integrations
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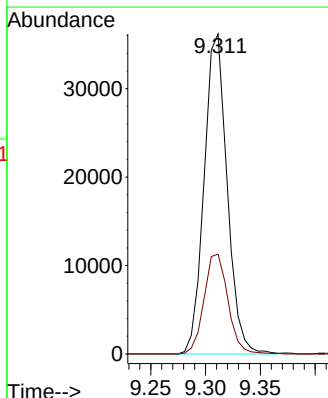
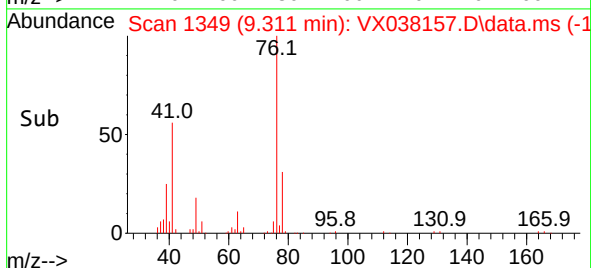
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

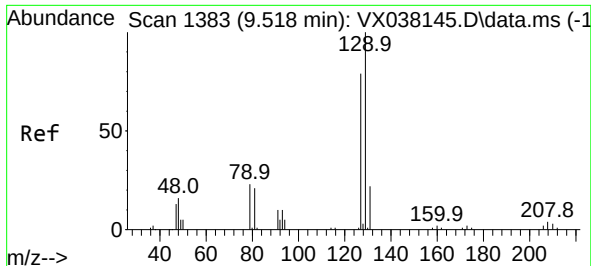


#52
1,3-Dichloropropane
Concen: 20.189 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29



Tgt Ion: 76 Resp: 52942
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.6





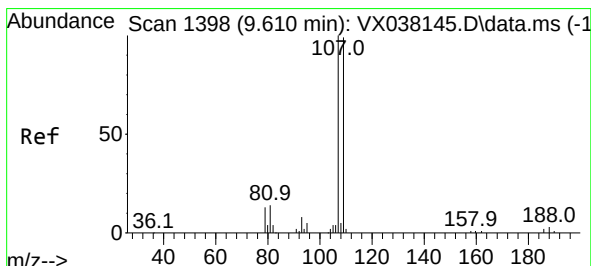
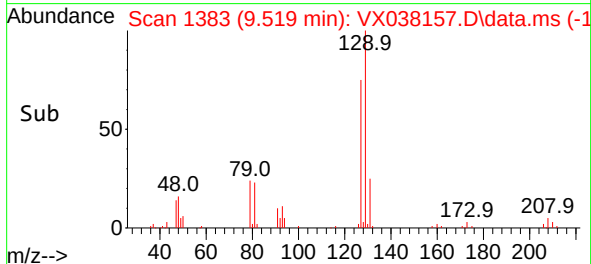
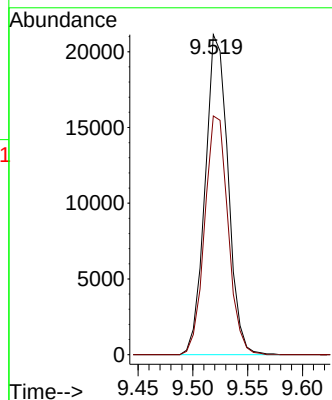
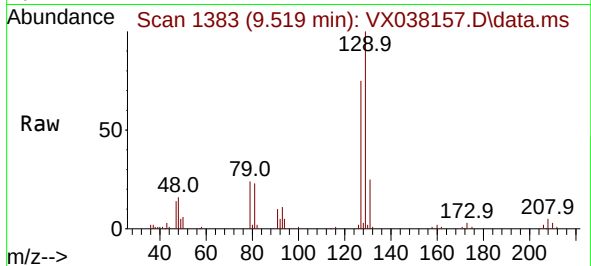
#53
Dibromochloromethane
Concen: 19.234 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 30725
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8

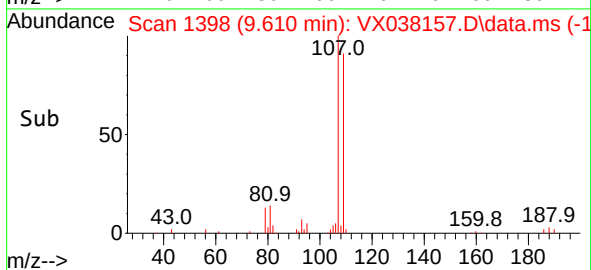
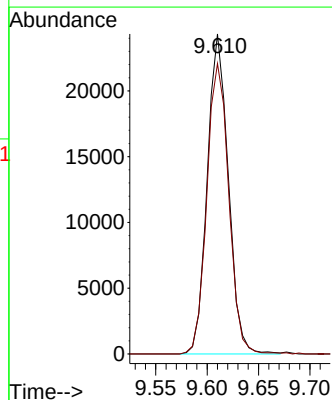
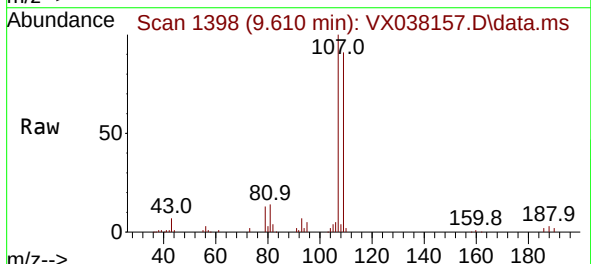
Manual Integrations
APPROVED

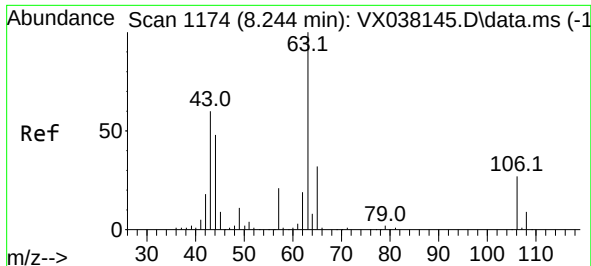
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#54
1,2-Dibromoethane
Concen: 19.661 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

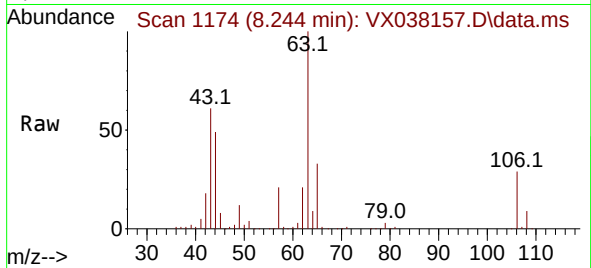
Tgt Ion:107 Resp: 34644
Ion Ratio Lower Upper
107 100
109 94.3 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 103.423 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

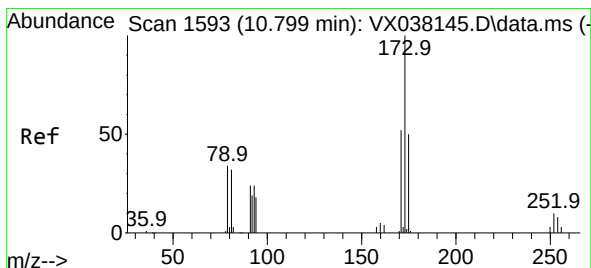
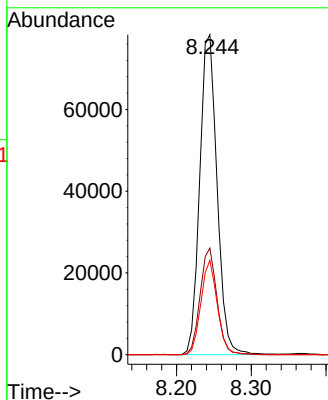
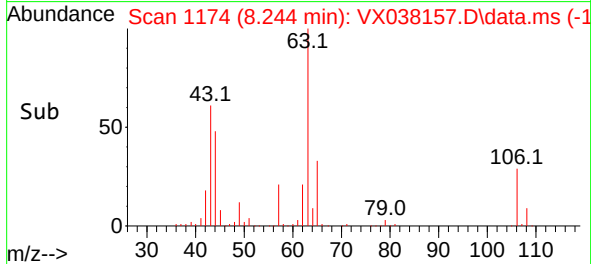
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 126063
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 27.8 21.8 32.8

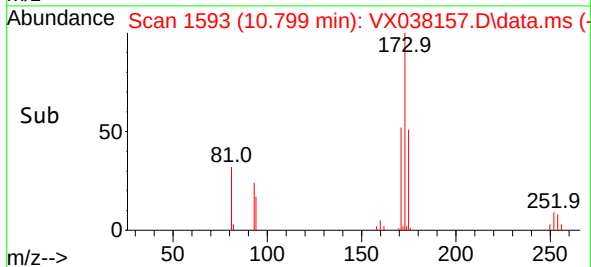
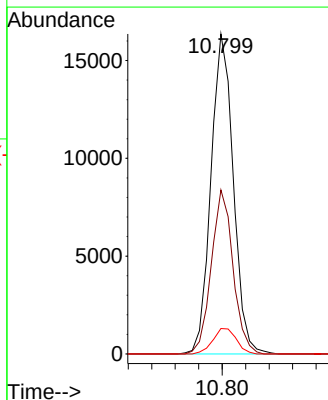
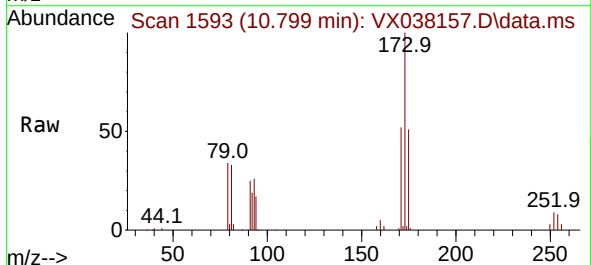
Manual Integrations
APPROVED

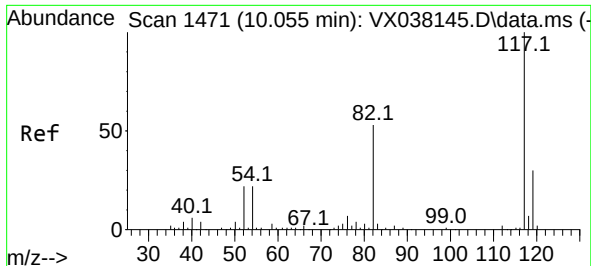
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#56
Bromoform
Concen: 18.081 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion:173 Resp: 21586
Ion Ratio Lower Upper
173 100
175 49.9 38.1 57.1
254 8.4 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 98775

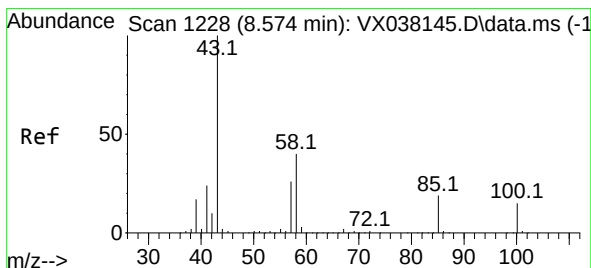
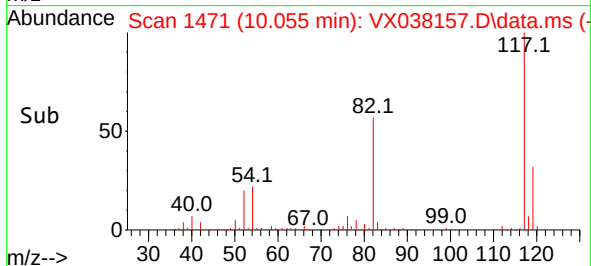
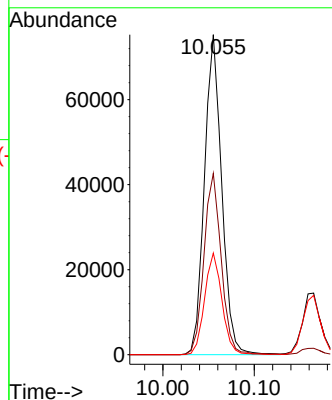
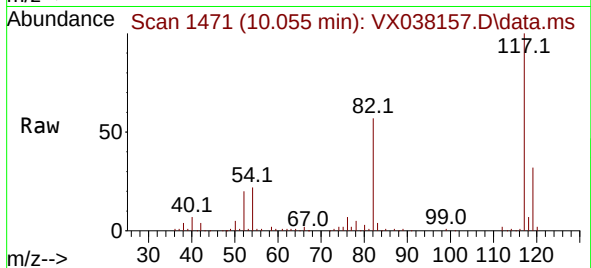
Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.7	67.1
119	31.9	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#58

4-Methyl-2-Pentanone

Concen: 103.368 ug/l

RT: 8.574 min Scan# 1228

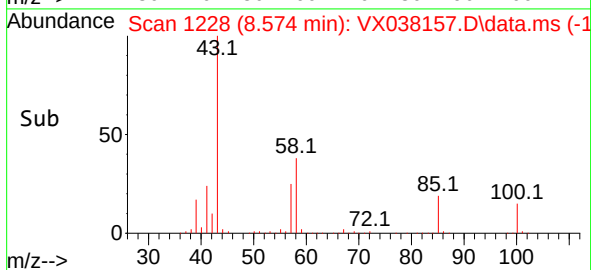
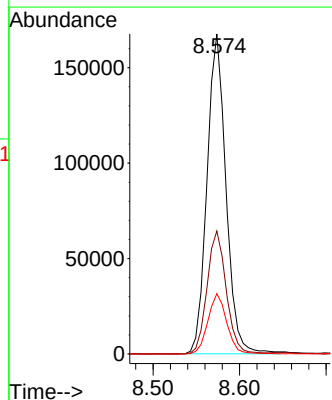
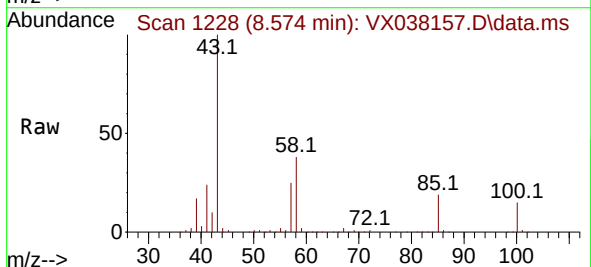
Delta R.T. 0.000 min

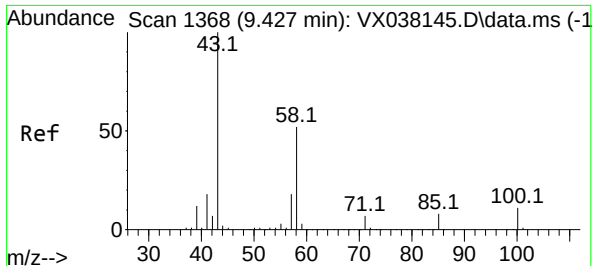
Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Tgt Ion: 43 Resp: 255557

Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.9	46.3
85	18.8	14.4	21.6





#59

2-Hexanone

Concen: 101.314 ug/l

RT: 9.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 20138

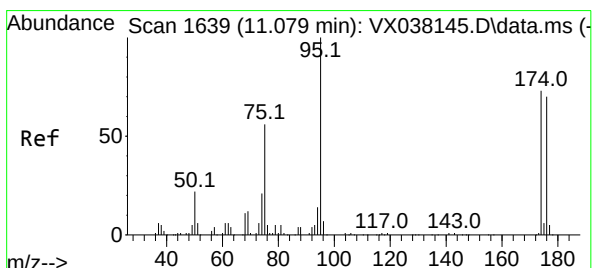
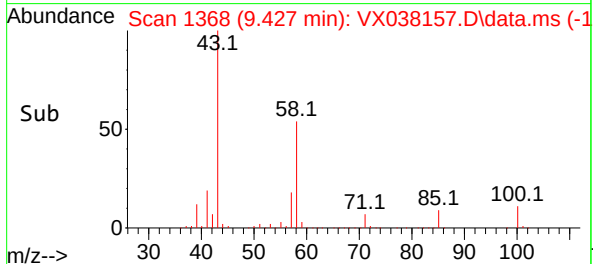
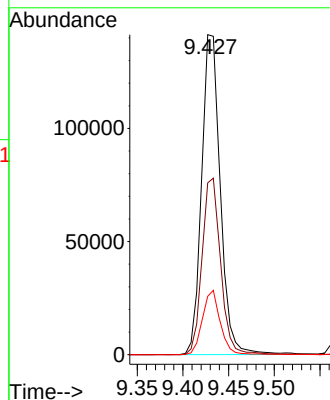
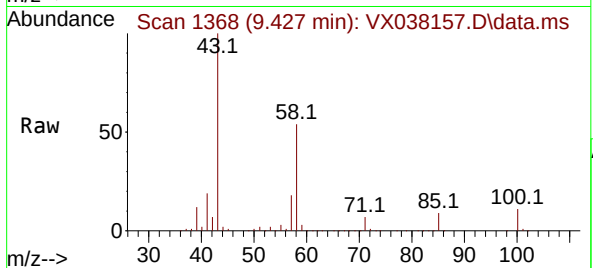
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.4	65.2
57	19.2	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#60

4-Bromofluorobenzene

Concen: 29.081 ug/l

RT: 11.079 min Scan# 1639

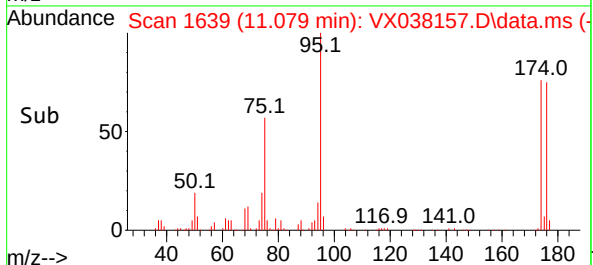
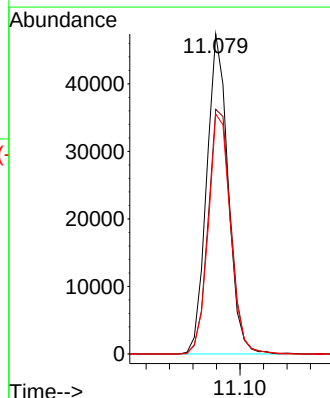
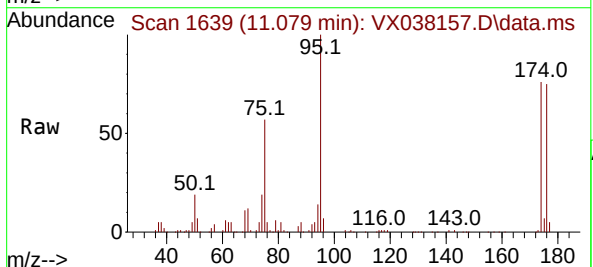
Delta R.T. 0.000 min

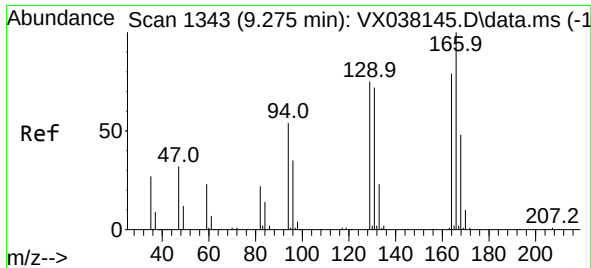
Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Tgt Ion: 95 Resp: 59837

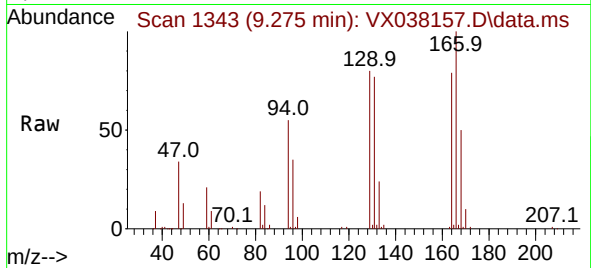
Ion	Ratio	Lower	Upper
95	100		
174	81.2	60.5	90.7
176	78.0	58.2	87.4





#61
Tetrachloroethene
Concen: 20.976 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

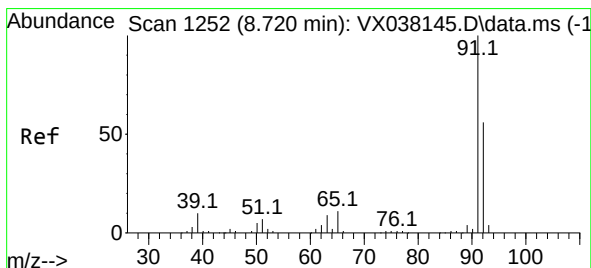
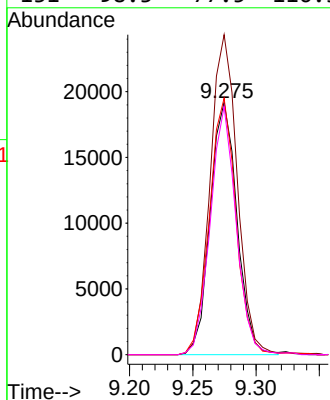
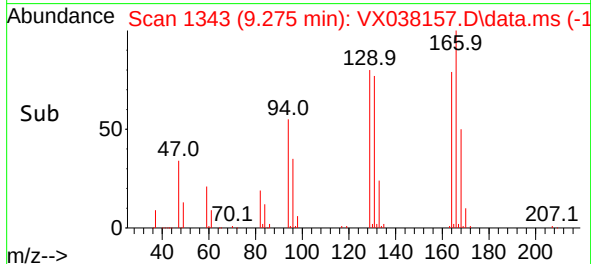
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 28310
Ion Ratio Lower Upper
164 100
166 126.9 104.5 156.7
129 101.7 78.0 117.0
131 98.3 77.5 116.3

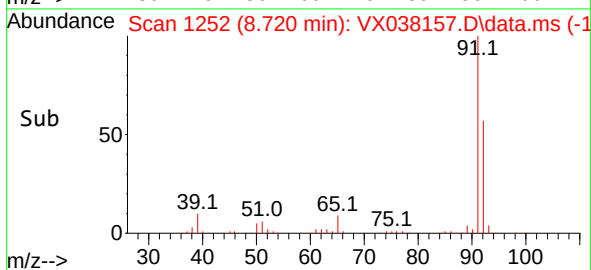
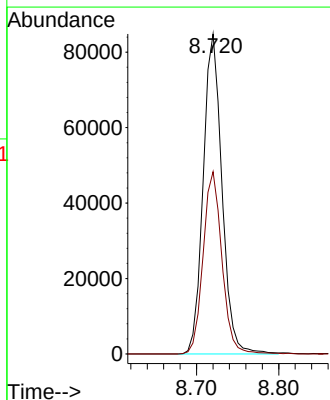
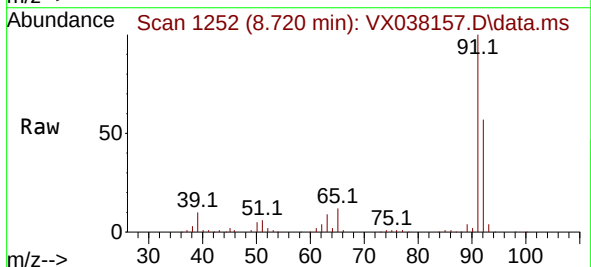
Manual Integrations
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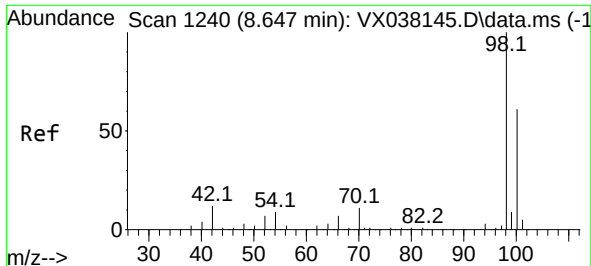
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#62
Toluene
Concen: 20.457 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

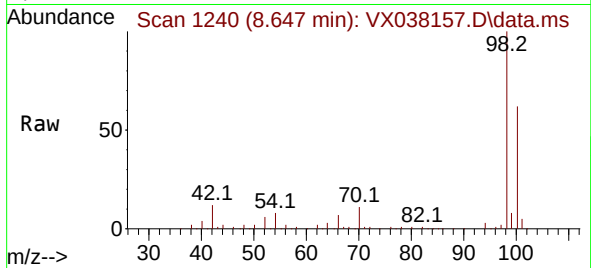
Tgt Ion: 91 Resp: 134628
Ion Ratio Lower Upper
91 100
92 57.0 44.9 67.3





#63
Toluene-d8
Concen: 31.240 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

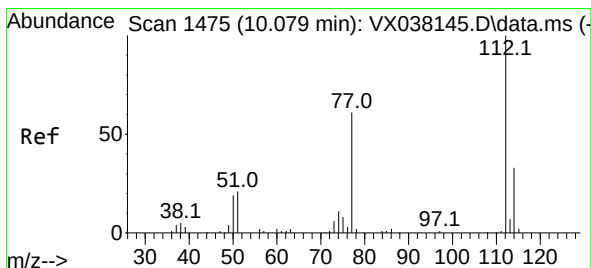
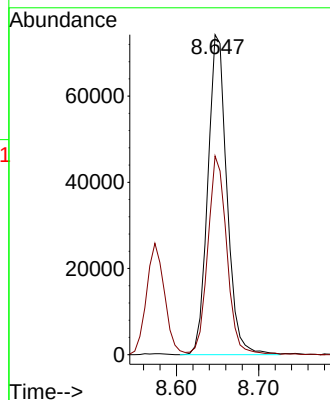
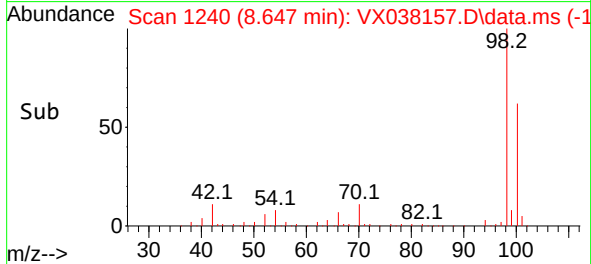
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 11948
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4

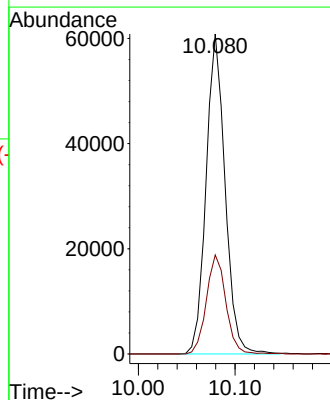
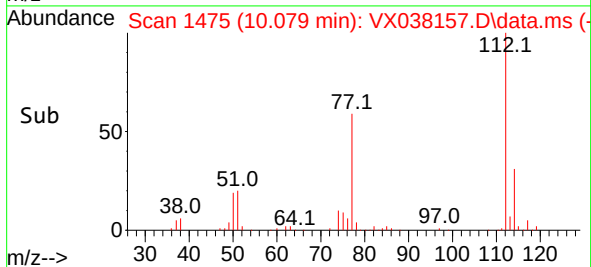
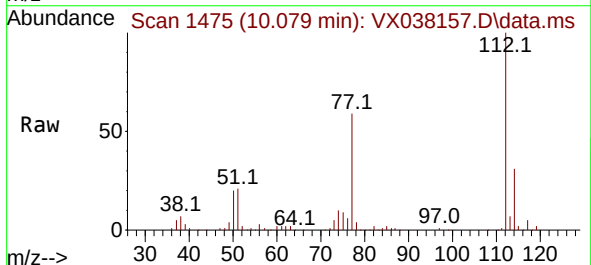
Manual Integrations
APPROVED

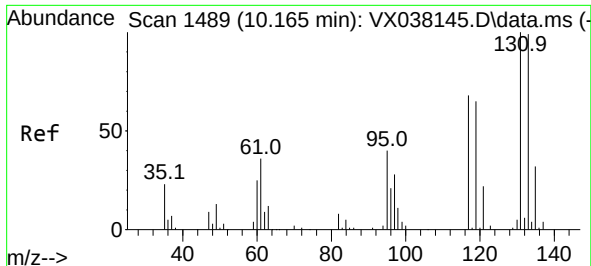
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#64
Chlorobenzene
Concen: 20.180 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

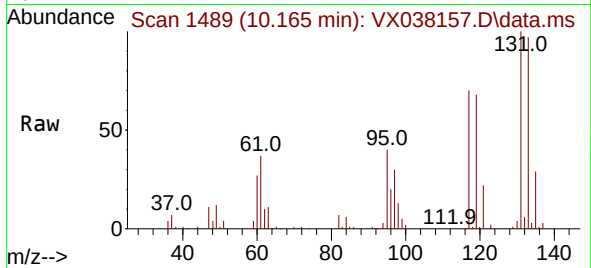
Tgt Ion:112 Resp: 83164
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6





#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.916 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

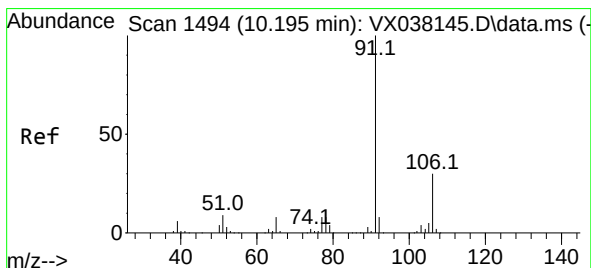
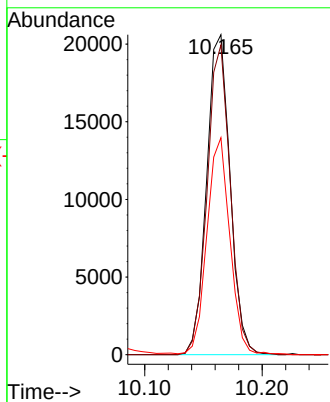
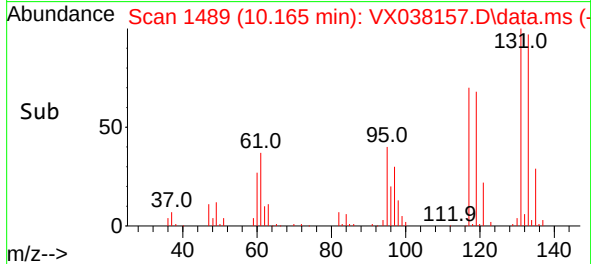
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:131 Resp: 2861
 Ion Ratio Lower Upper
 131 100
 133 95.4 0.0 192.0
 119 66.0 0.0 132.8

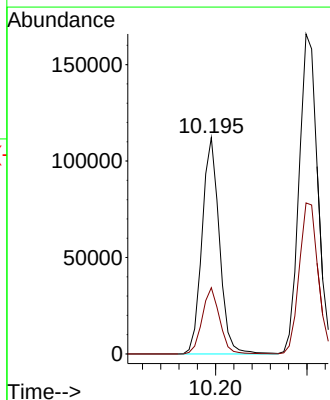
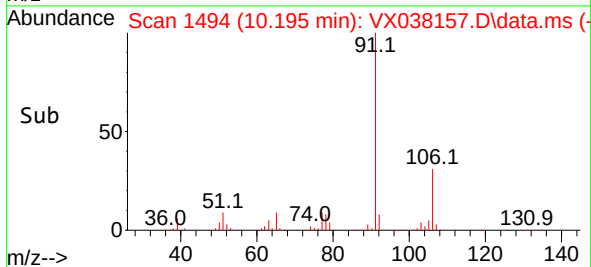
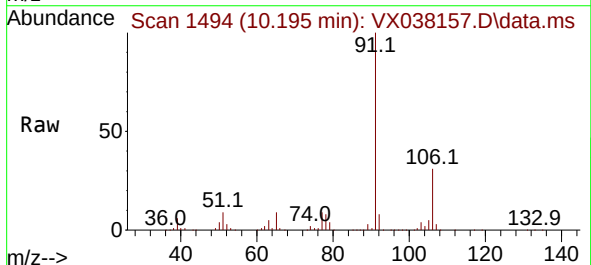
Manual Integrations
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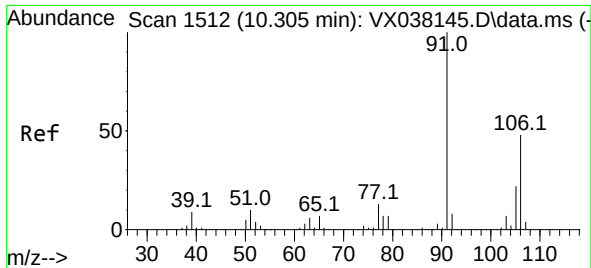
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023



#66
 Ethyl Benzene
 Concen: 19.887 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

Tgt Ion: 91 Resp: 148405
 Ion Ratio Lower Upper
 91 100
 106 30.6 24.2 36.4





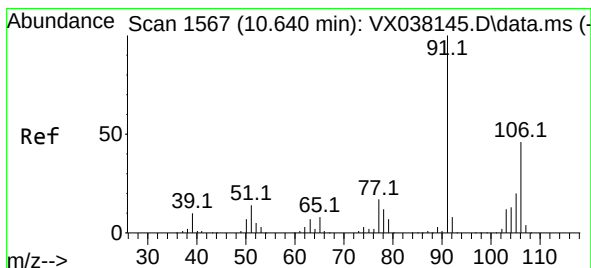
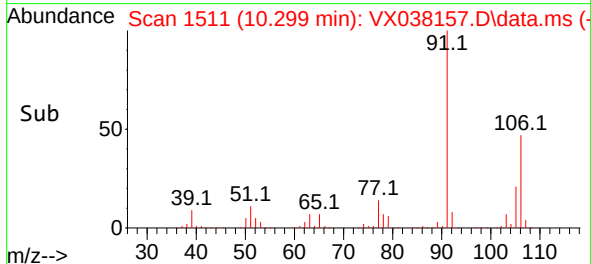
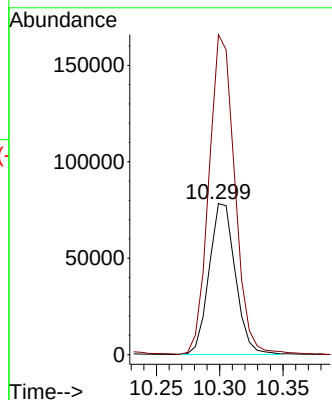
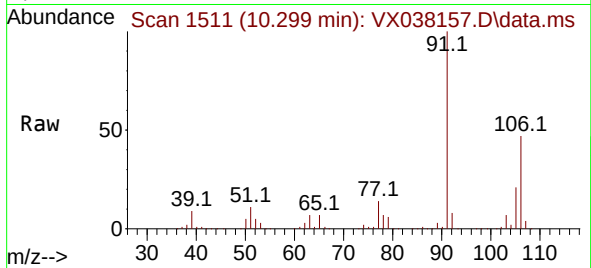
#67
m/p-Xylenes
Concen: 39.010 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 112930
Ion Ratio Lower Upper
106 100
91 209.9 160.5 240.7

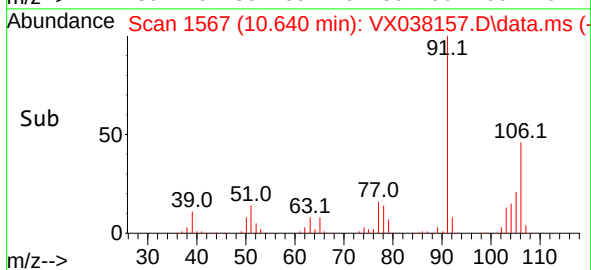
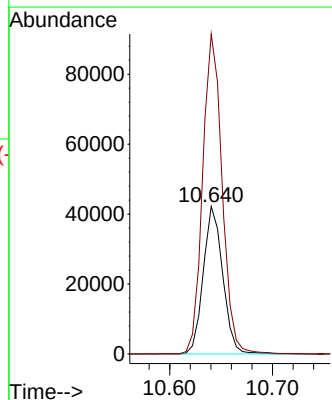
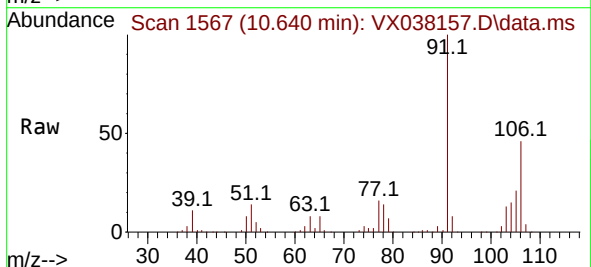
Manual Integrations
APPROVED

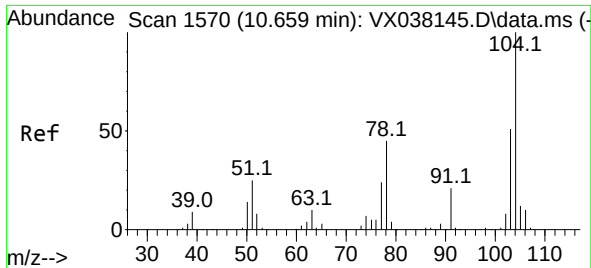
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#68
o-Xylene
Concen: 19.768 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

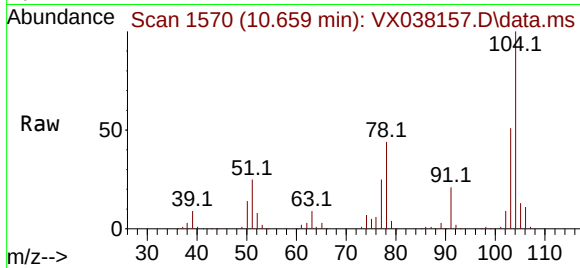
Tgt Ion:106 Resp: 55529
Ion Ratio Lower Upper
106 100
91 217.5 105.4 316.1





#69
Styrene
Concen: 19.679 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

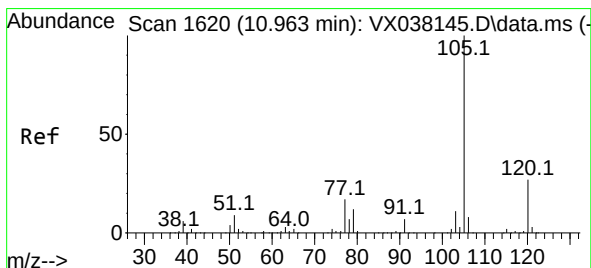
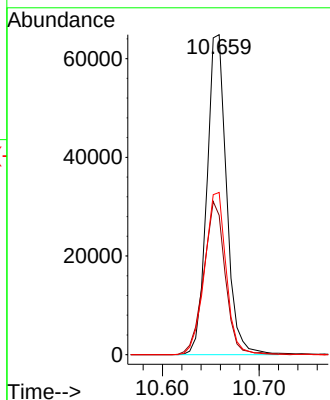
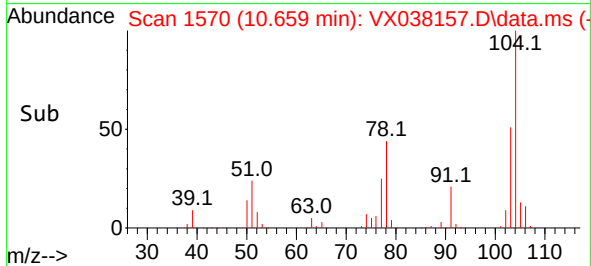
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



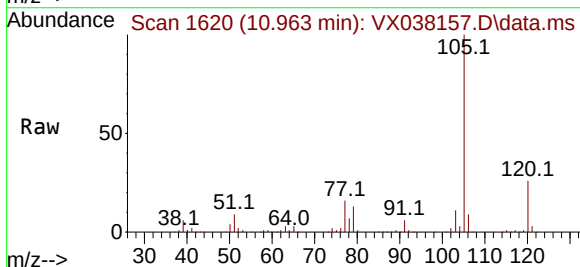
Tgt Ion:104 Resp: 9185
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.4
103 55.6 45.5 68.3

Manual Integrations
APPROVED

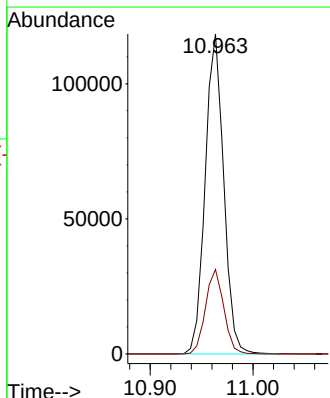
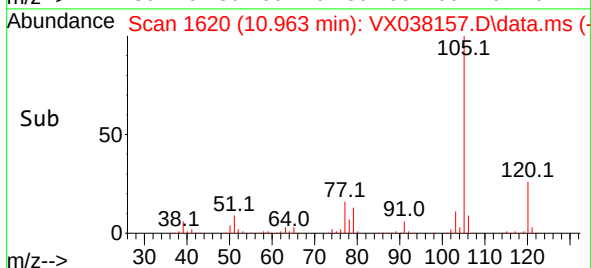
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

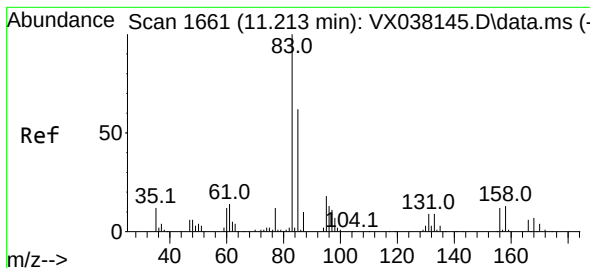


#70
Isopropylbenzene
Concen: 19.988 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29



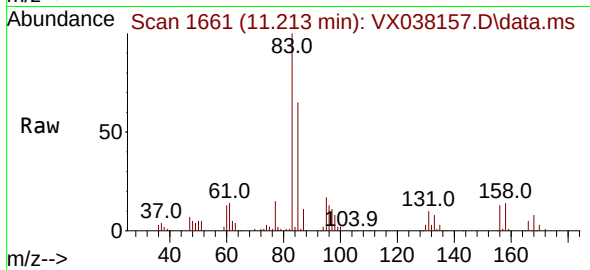
Tgt Ion:105 Resp: 148072
Ion Ratio Lower Upper
105 100
120 26.1 19.5 36.3





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.150 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

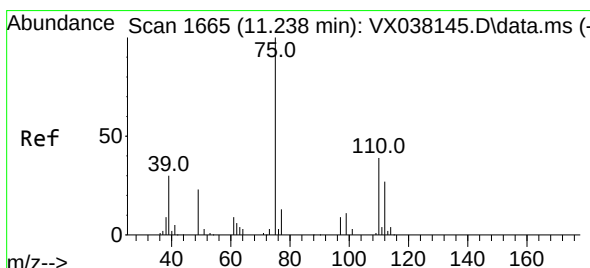
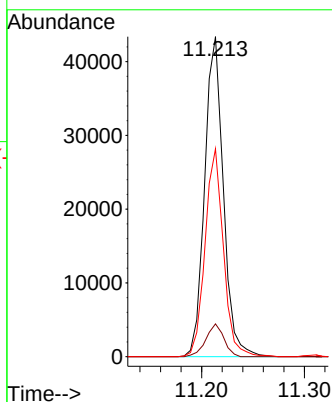
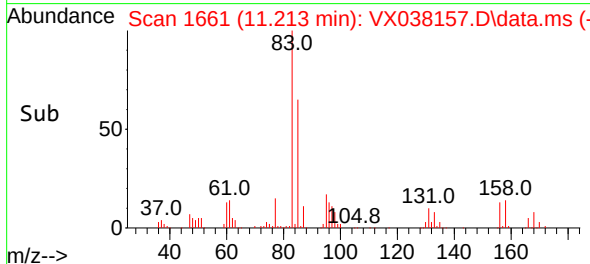
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



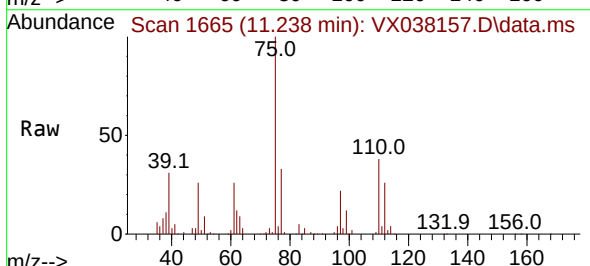
Tgt Ion: 83 Resp: 55020
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 15.8
 85 63.8 32.4 97.0

Manual Integrations
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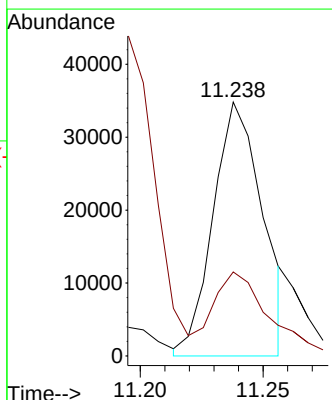
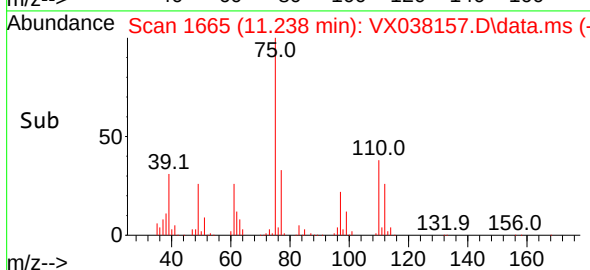
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

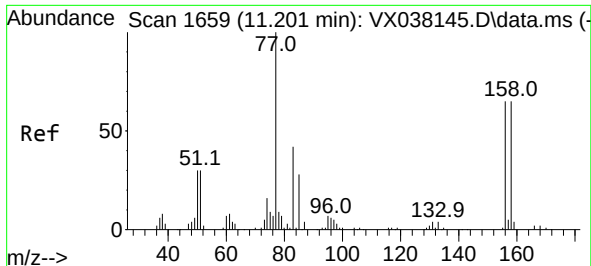


#72
 1,2,3-Trichloropropane
 Concen: 19.678 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29



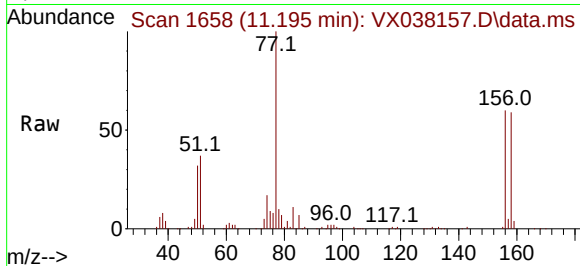
Tgt Ion: 75 Resp: 48866
 Ion Ratio Lower Upper
 75 100
 77 38.1 0.0 77.2





#73
Bromobenzene
Concen: 19.385 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

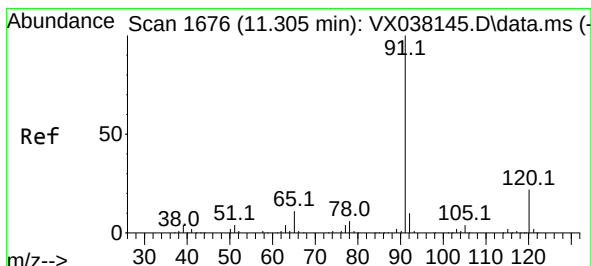
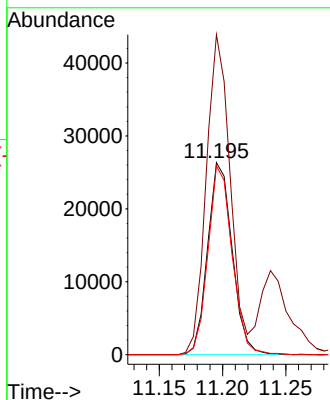
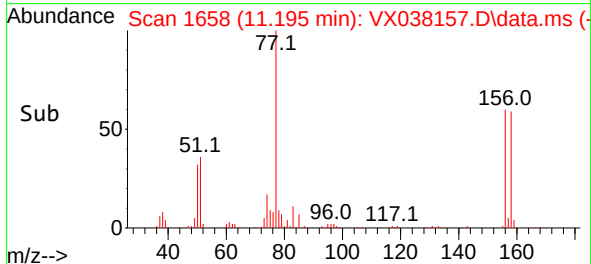
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



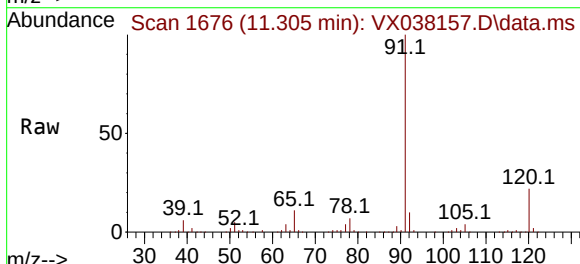
Tgt Ion:156 Resp: 35558
Ion Ratio Lower Upper
156 100
77 161.8 0.0 333.0
158 96.6 0.0 196.4

Manual Integrations
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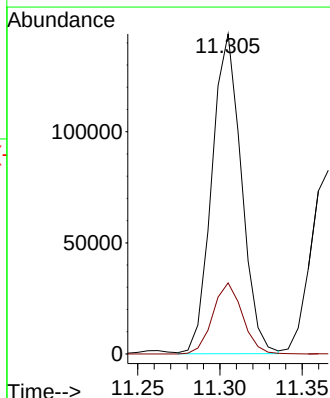
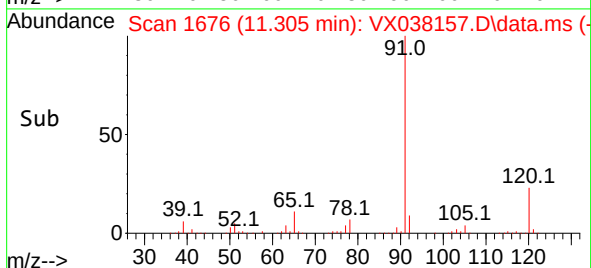
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

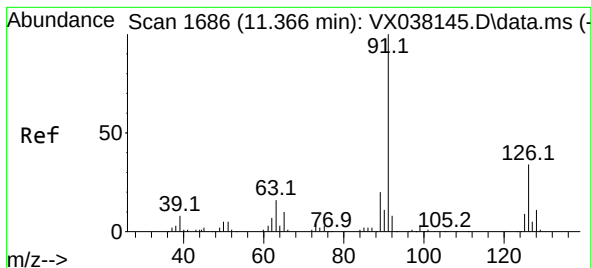


#74
n-propylbenzene
Concen: 19.987 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29



Tgt Ion: 91 Resp: 179933
Ion Ratio Lower Upper
91 100
120 22.3 0.0 46.6





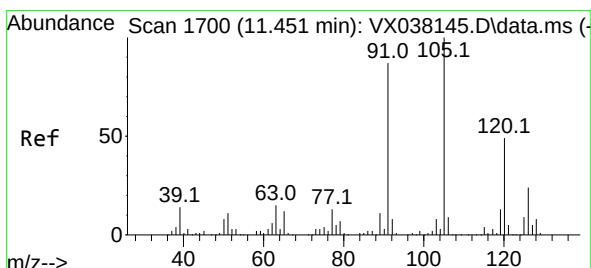
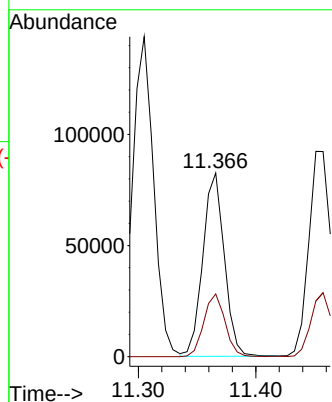
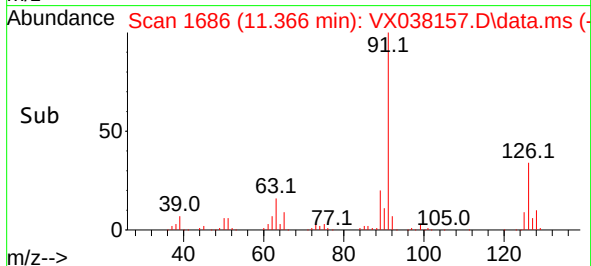
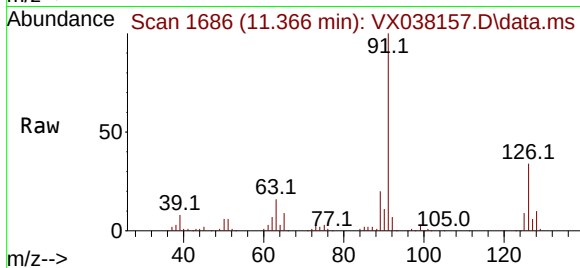
#75
2-Chlorotoluene
Concen: 19.853 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 105018
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.2

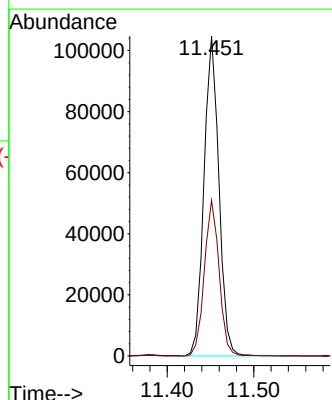
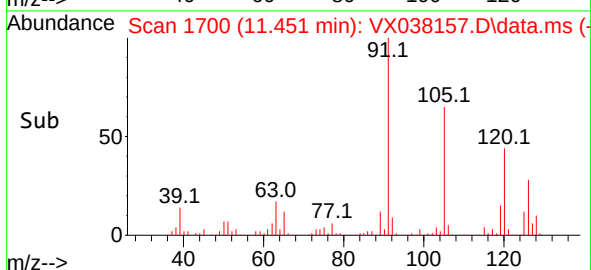
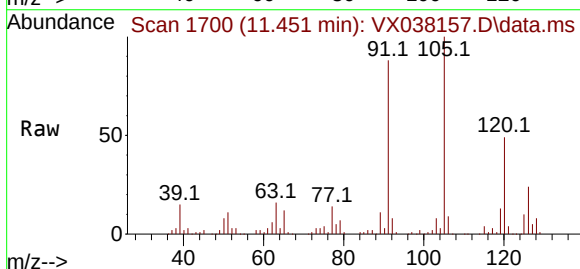
Manual Integrations
APPROVED

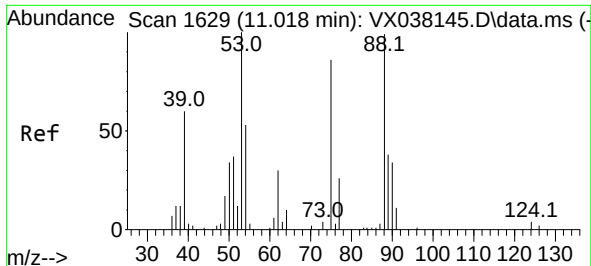
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.331 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

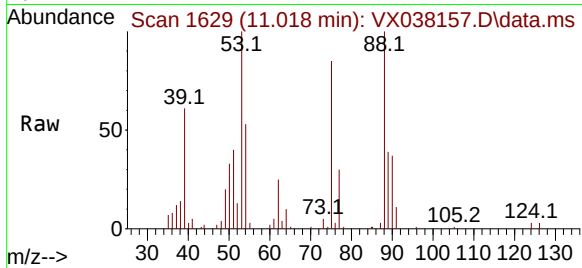
Tgt Ion:105 Resp: 125144
Ion Ratio Lower Upper
105 100
120 48.2 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.057 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

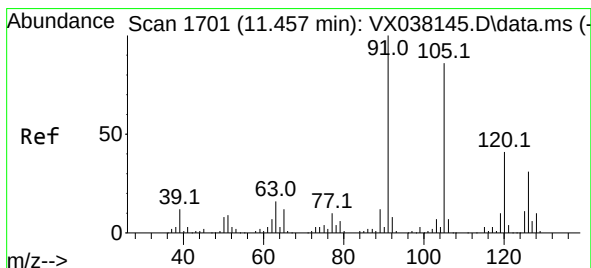
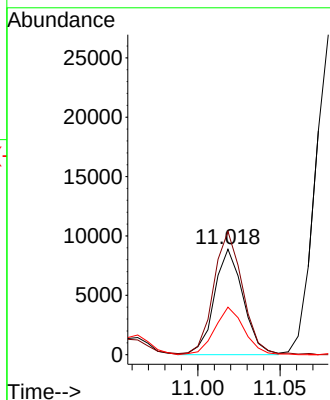
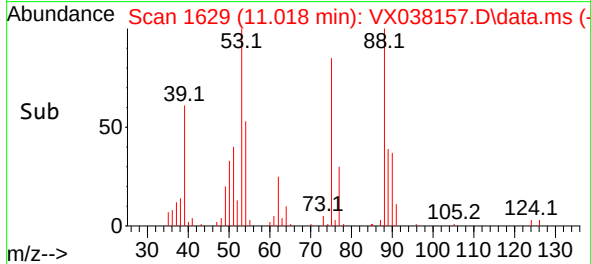
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 10854
Ion Ratio Lower Upper
75 100
53 116.5 53.9 161.7
89 45.4 22.1 66.1

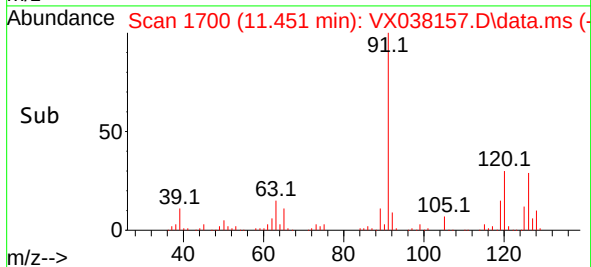
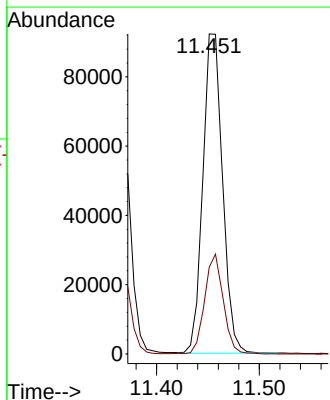
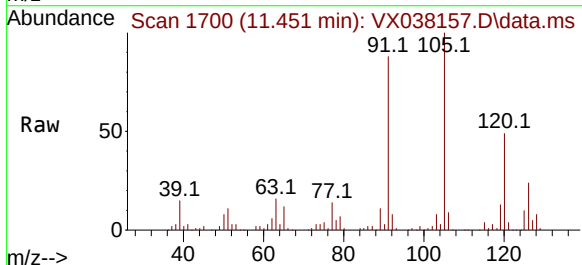
Manual Integrations
APPROVED

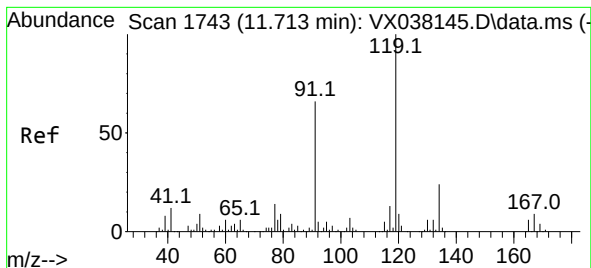
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#78
4-Chlorotoluene
Concen: 19.560 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 91 Resp: 123045
Ion Ratio Lower Upper
91 100
126 29.3 0.0 59.4





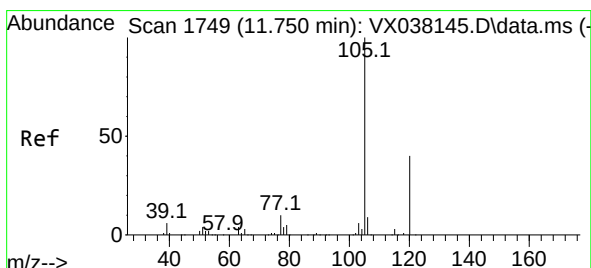
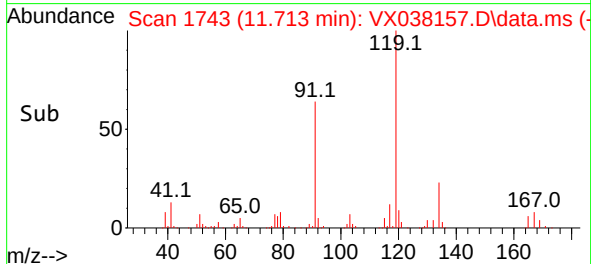
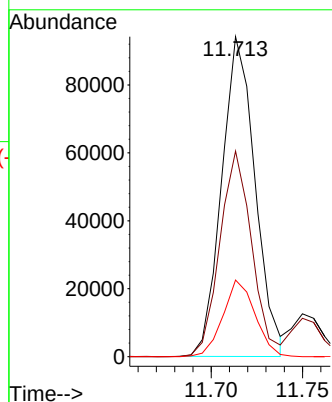
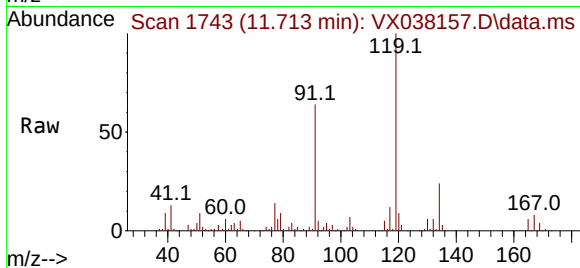
#79
tert-butylbenzene
Concen: 19.500 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 119915
Ion Ratio Lower Upper
119 100
91 61.3 0.0 124.4
134 23.1 0.0 47.2

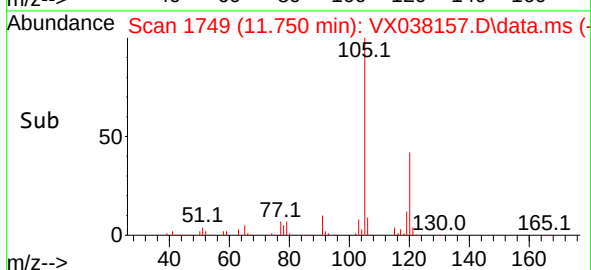
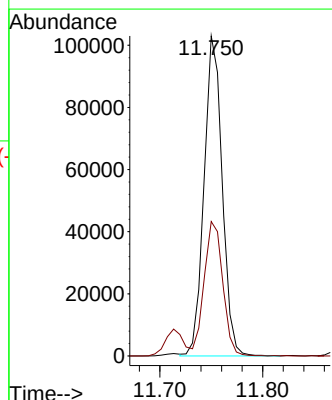
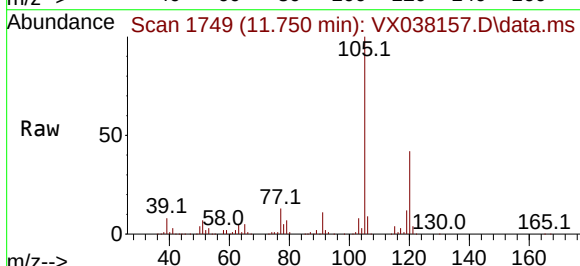
Manual Integrations
APPROVED

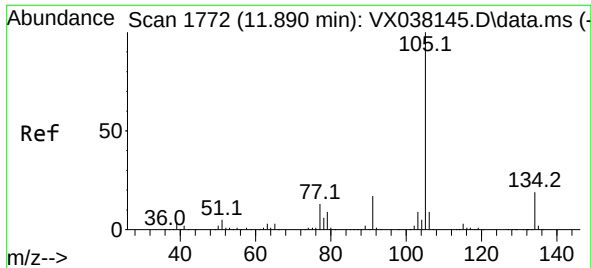
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.047 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

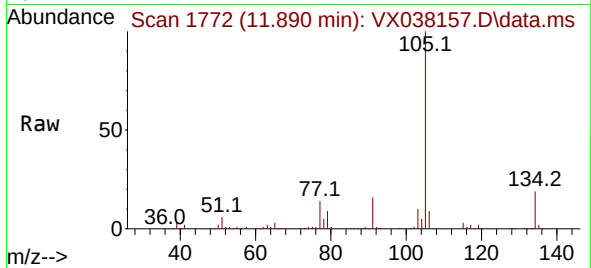
Tgt Ion:105 Resp: 126717
Ion Ratio Lower Upper
105 100
120 42.9 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 19.845 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

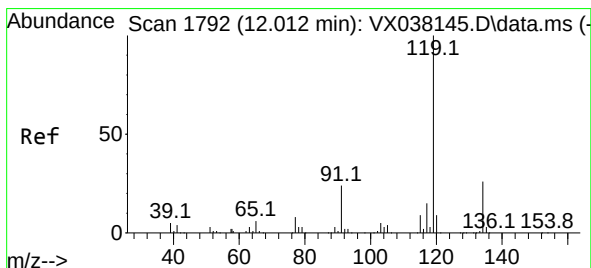
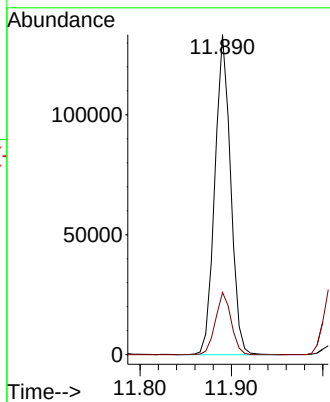
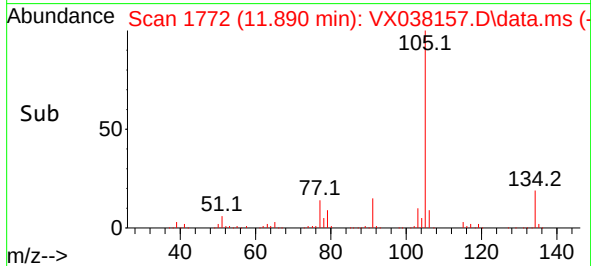
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



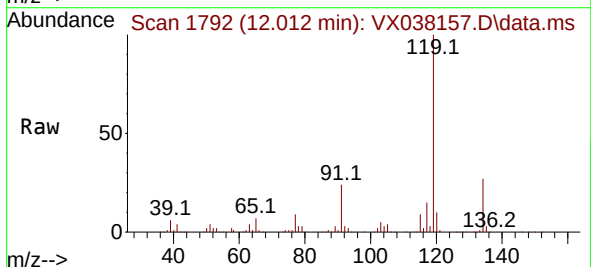
Tgt Ion:105 Resp: 159649
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 41.2

Manual Integrations
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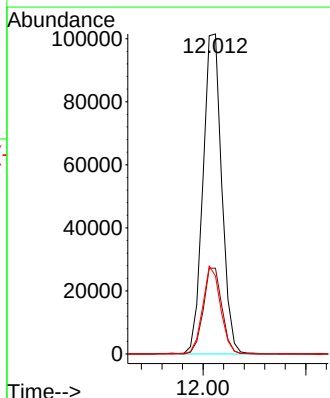
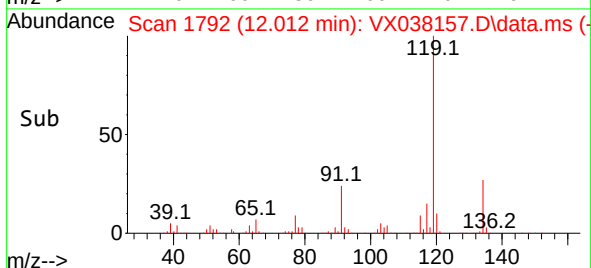
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

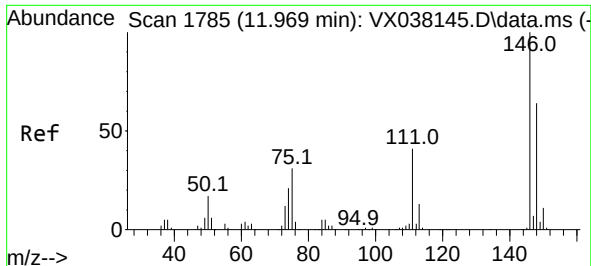


#82
 p-Isopropyltoluene
 Concen: 19.369 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29



Tgt Ion:119 Resp: 128816
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 26.0 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 19.457 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

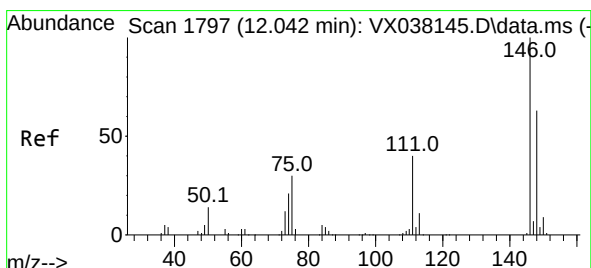
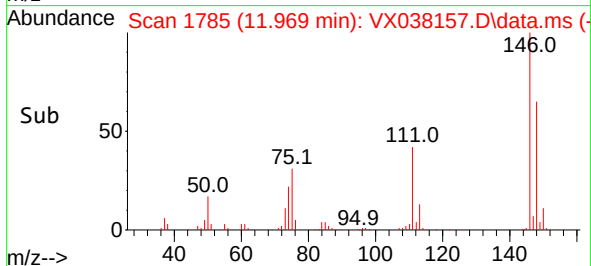
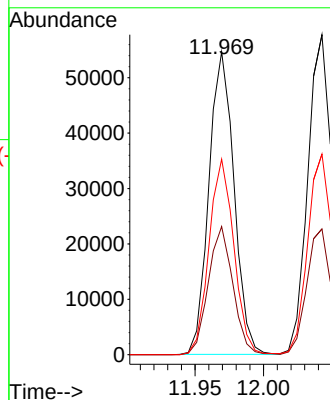
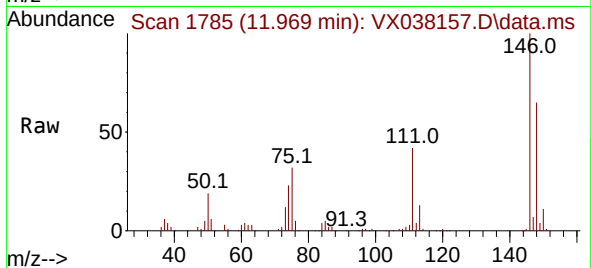
Tgt Ion:146 Resp: 69609
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.2
 148 64.1 31.6 94.8

Manual Integrations

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Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#84

1,4-Dichlorobenzene

Concen: 19.719 ug/l

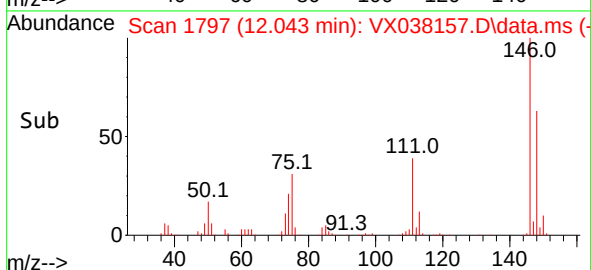
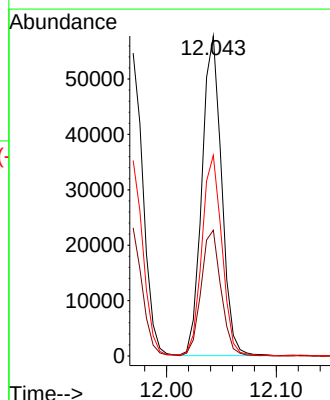
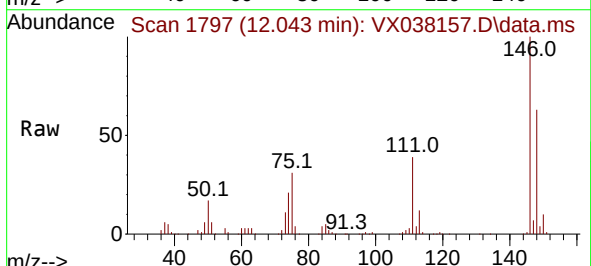
RT: 12.043 min Scan# 1797

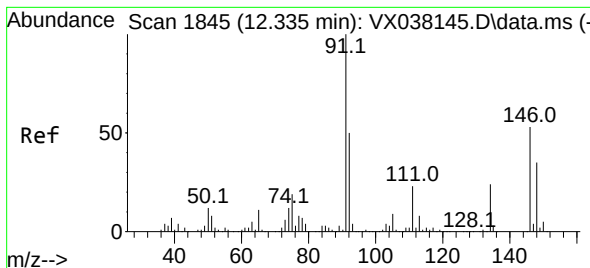
Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Tgt Ion:146 Resp: 71830
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.6
 148 63.9 32.1 96.3





#85

n-Butylbenzene

Concen: 19.326 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 12264

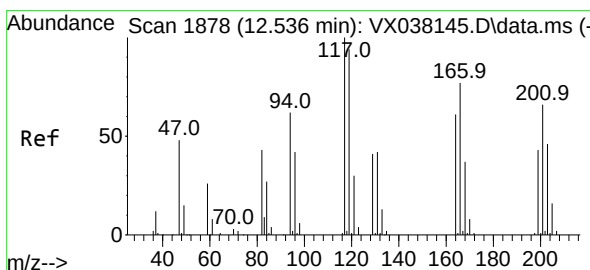
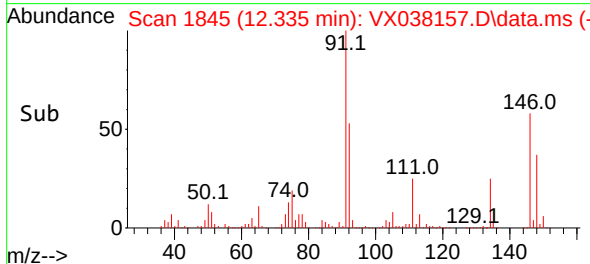
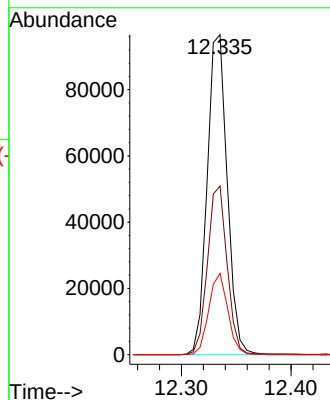
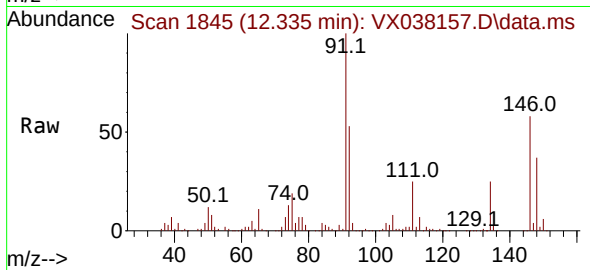
Ion	Ratio	Lower	Upper
91	100		
92	51.6	0.0	105.2
134	23.9	0.0	51.4

Manual Integrations

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Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#86

Hexachloroethane

Concen: 19.008 ug/l

RT: 12.536 min Scan# 1878

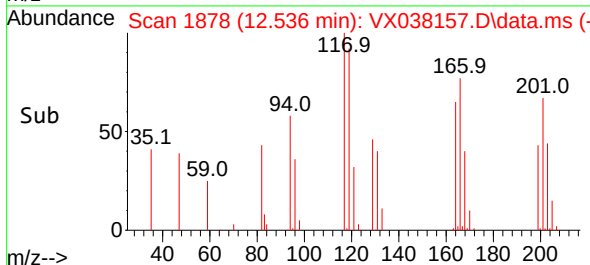
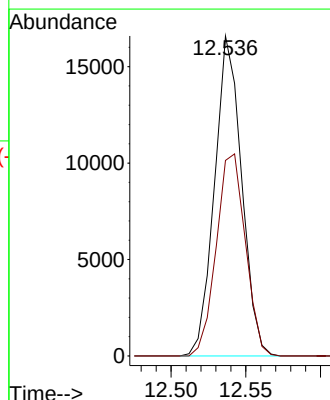
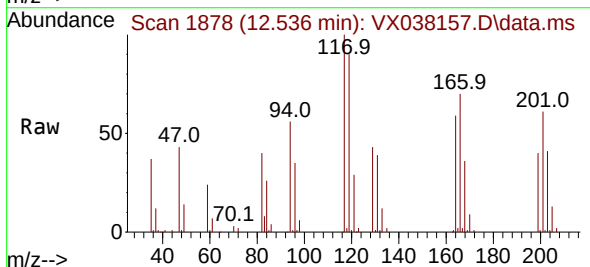
Delta R.T. 0.000 min

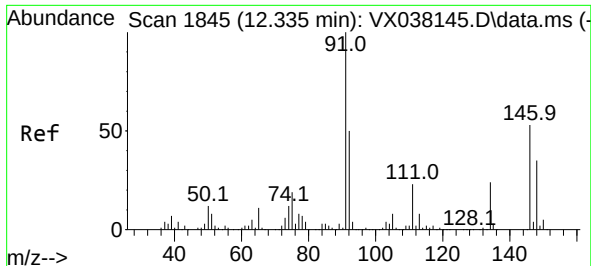
Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Tgt Ion:117 Resp: 20898

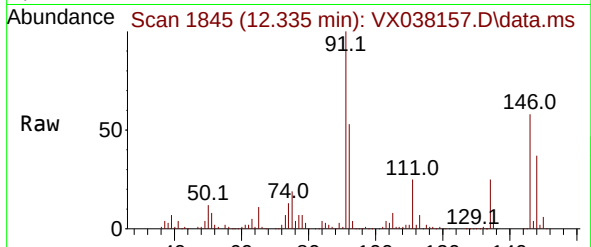
Ion	Ratio	Lower	Upper
117	100		
201	67.9	36.0	108.0





#87
1,2-Dichlorobenzene
Concen: 19.721 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

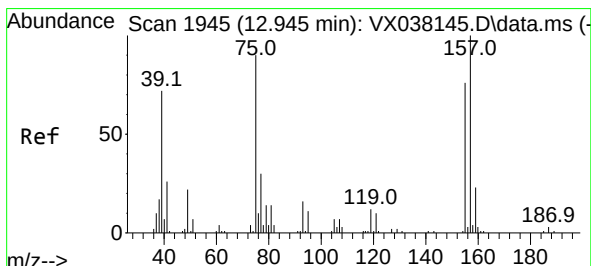
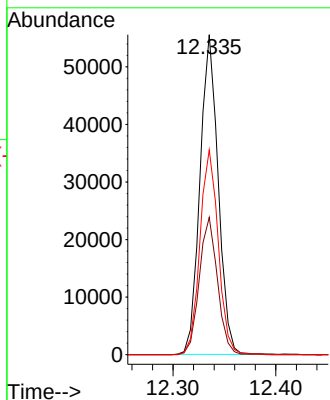
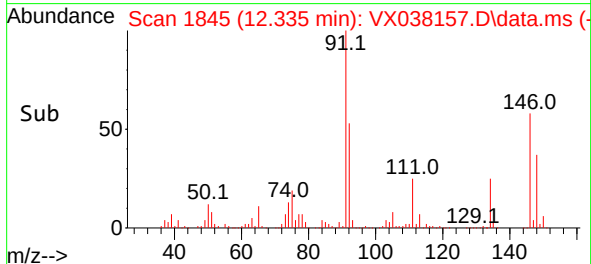
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 6838
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 64.5 33.2 99.6

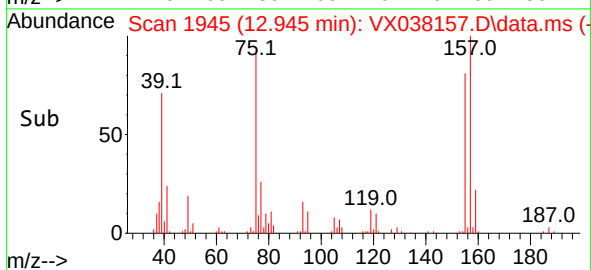
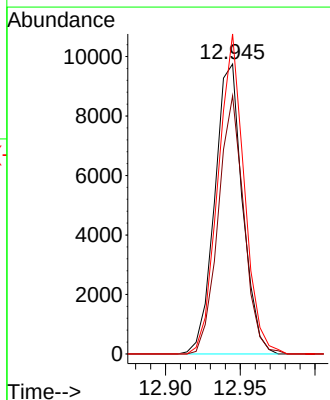
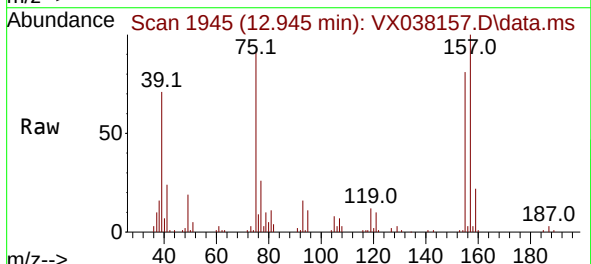
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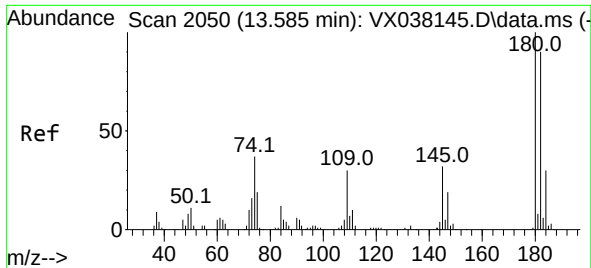
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.992 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

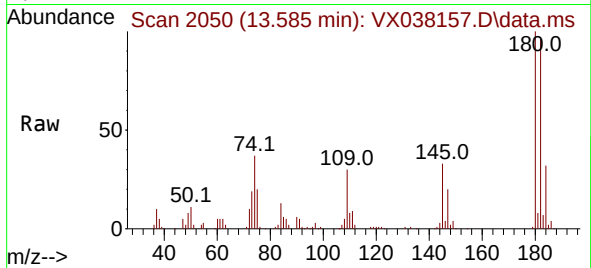
Tgt Ion: 75 Resp: 12642
Ion Ratio Lower Upper
75 100
155 81.6 62.7 94.1
157 103.5 81.5 122.3





#89
1,2,4-Trichlorobenzene
Concen: 20.102 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

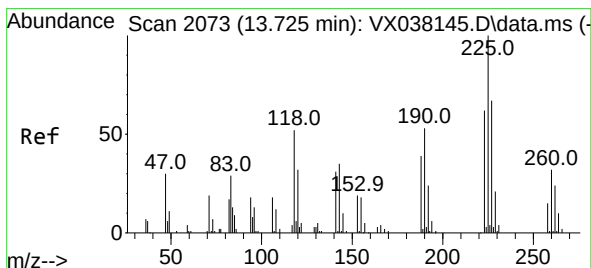
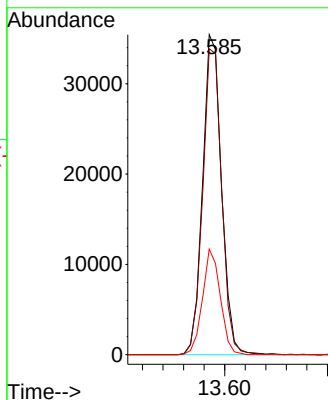
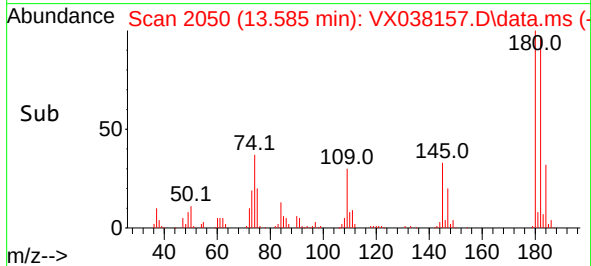
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 4525
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
145 31.1 25.4 38.2

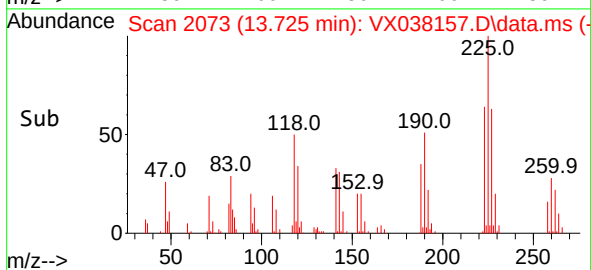
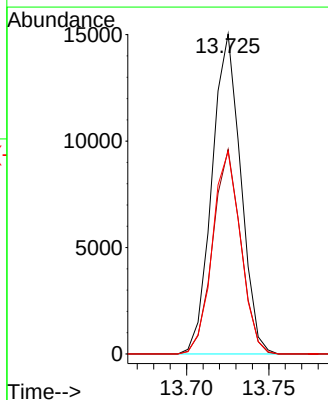
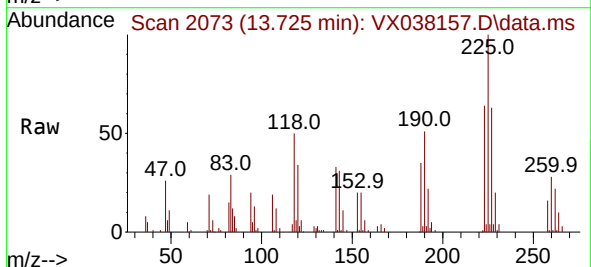
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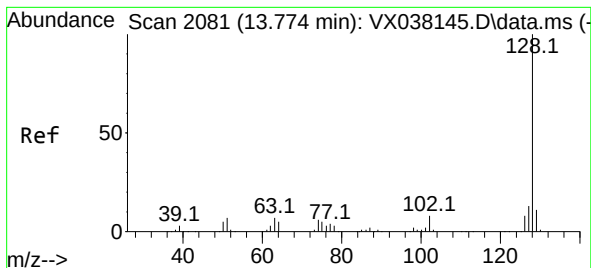
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#90
Hexachlorobutadiene
Concen: 20.181 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

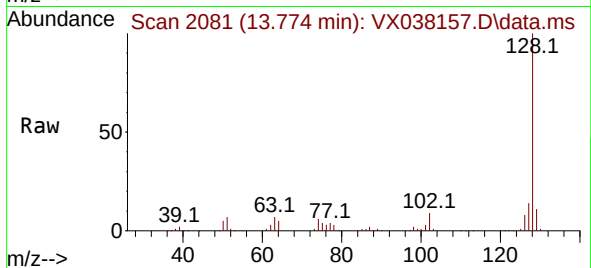
Tgt Ion:225 Resp: 18274
Ion Ratio Lower Upper
225 100
223 62.1 0.0 124.2
227 62.2 0.0 120.4





#91
Naphthalene
Concen: 20.721 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

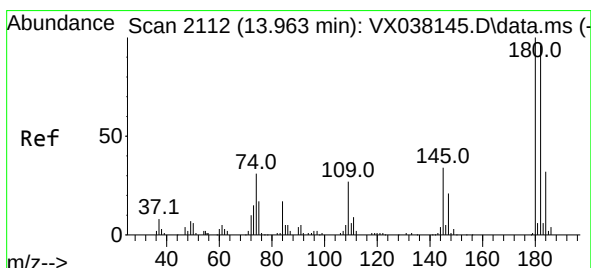
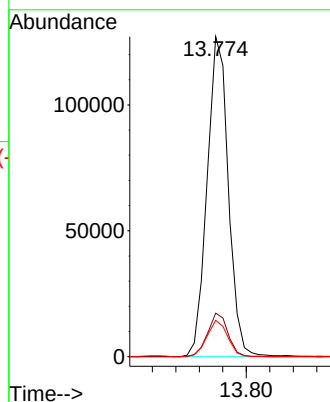
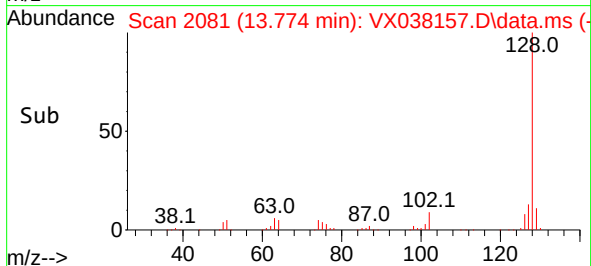
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 159754
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.598 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion:180 Resp: 45391
Ion Ratio Lower Upper
180 100
182 94.4 0.0 190.6
145 32.5 0.0 66.8

