

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038633.D
 Acq On : 07 Nov 2023 14:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 03:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	317021	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	485524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189029	47.894	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.780%		
35) Dibromofluoromethane	5.385	113	170946	48.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	8.646	98	608658	48.641	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	237403	48.933	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	170437	51.770	ug/l	100
3) Chloromethane	1.300	50	135656	47.673	ug/l	100
4) Vinyl Chloride	1.373	62	150748	49.763	ug/l	99
5) Bromomethane	1.599	94	121663	52.034	ug/l	96
6) Chloroethane	1.684	64	93702	48.852	ug/l	97
7) Trichlorofluoromethane	1.885	101	261361	50.045	ug/l	99
8) Diethyl Ether	2.135	74	86770	48.399	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.330	101	152518	49.391	ug/l	90
10) Methyl Iodide	2.452	142	198797	52.127	ug/l	91
11) Tert butyl alcohol	2.958	59	184940	229.218	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	146017	49.354	ug/l #	80
13) Acrolein	2.233	56	144226	235.850	ug/l	100
14) Allyl chloride	2.666	41	206785	48.797	ug/l #	94
15) Acrylonitrile	3.062	53	424265	249.165	ug/l	99
16) Acetone	2.379	43	390047	234.658	ug/l	90
17) Carbon Disulfide	2.513	76	391346	49.781	ug/l	98
18) Methyl Acetate	2.702	43	353339	49.895	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	474602	50.163	ug/l	96
20) Methylene Chloride	2.788	84	160966	48.039	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	158695	49.269	ug/l	85
22) Diisopropyl ether	3.763	45	402315	50.373	ug/l #	85
23) Vinyl Acetate	3.720	43	1458437	257.271	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	261318	49.454	ug/l	97
25) 2-Butanone	4.556	43	586272	243.479	ug/l #	88
26) 2,2-Dichloropropane	4.476	77	225318	48.837	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	184186	49.520	ug/l	85
28) Bromochloromethane	4.897	49	117238	49.370	ug/l #	62
29) Tetrahydrofuran	5.001	42	373681	249.432	ug/l #	82
30) Chloroform	5.098	83	298231	48.103	ug/l	97
31) Cyclohexane	5.476	56	217433	49.777	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	272321	49.911	ug/l	96
36) 1,1-Dichloropropene	5.696	75	212399	48.897	ug/l	95
37) Ethyl Acetate	4.714	43	221295	49.898	ug/l #	94
38) Carbon Tetrachloride	5.677	117	242649	49.968	ug/l	98
39) Methylcyclohexane	7.384	83	266255	49.026	ug/l	89
40) Benzene	6.037	78	613794	49.059	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	113279	50.136	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	226618	50.199	ug/l	96
43) Isopropyl Acetate	6.342	43	341196	50.042	ug/l #	92
44) Trichloroethene	7.128	130	192962	49.569	ug/l	91
45) 1,2-Dichloropropane	7.433	63	150771	49.850	ug/l	99
46) Dibromomethane	7.580	93	127180	50.282	ug/l #	88
47) Bromodichloromethane	7.823	83	232197	48.813	ug/l	98
48) Methyl methacrylate	7.689	41	166161	50.568	ug/l #	83
49) 1,4-Dioxane	7.659	88	73948	988.566	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	1122945	252.783	ug/l	92
52) Toluene	8.720	92	413318	50.429	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	248519	51.316	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	262602	51.365	ug/l #	87
55) 1,1,2-Trichloroethane	9.152	97	175807	50.555	ug/l	98
56) Ethyl methacrylate	9.116	69	254200	52.245	ug/l	87
57) 1,3-Dichloropropane	9.311	76	269444	49.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	625549	261.493	ug/l	91
59) 2-Hexanone	9.427	43	900354	250.484	ug/l	91
60) Dibromochloromethane	9.518	129	196803	50.414	ug/l	99
61) 1,2-Dibromoethane	9.610	107	196746	50.340	ug/l	99
64) Tetrachloroethene	9.274	164	168516	48.301	ug/l	96
65) Chlorobenzene	10.079	112	470321	49.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	180255	50.536	ug/l	99
67) Ethyl Benzene	10.195	91	804287	50.113	ug/l	97
68) m/p-Xylenes	10.299	106	645867	101.395	ug/l	94
69) o-Xylene	10.640	106	313562	50.620	ug/l	96
70) Styrene	10.652	104	523211	51.178	ug/l	96
71) Bromoform	10.798	173	160656	51.031	ug/l #	100
73) Isopropylbenzene	10.963	105	822411	50.137	ug/l	97
74) N-amyl acetate	10.841	43	294696	51.706	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	279463	49.281	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	262835m	49.635	ug/l	
77) Bromobenzene	11.195	156	221252	49.146	ug/l	82
78) n-propylbenzene	11.304	91	963617	50.482	ug/l	97
79) 2-Chlorotoluene	11.365	91	566531	49.573	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	717500	50.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	85251	50.327	ug/l	86
82) 4-Chlorotoluene	11.451	91	671364	50.286	ug/l	93
83) tert-Butylbenzene	11.713	119	730464	51.063	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	715076	51.069	ug/l	96
85) sec-Butylbenzene	11.890	105	899317	50.383	ug/l	97
86) p-Isopropyltoluene	12.012	119	772518	50.804	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	422611	49.100	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	429811	48.583	ug/l	97
89) n-Butylbenzene	12.335	91	681175	50.341	ug/l	96
90) Hexachloroethane	12.536	117	131581	51.087	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	415081	49.380	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	71607	50.241	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	297865	49.543	ug/l	97
94) Hexachlorobutadiene	13.725	225	123885	47.753	ug/l	99
95) Naphthalene	13.774	128	920871	50.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	290185	48.968	ug/l	97

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VSTDICCC050

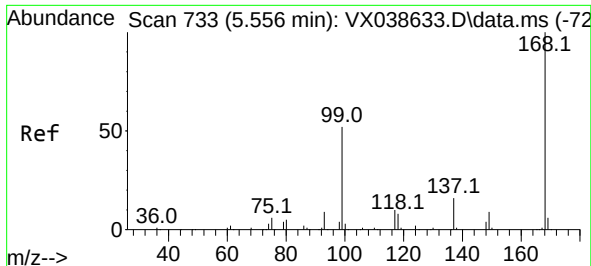
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

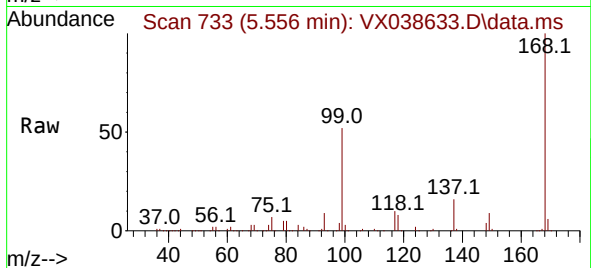
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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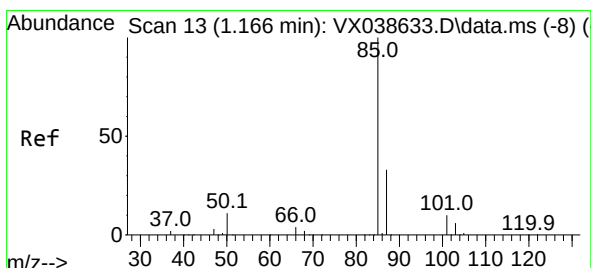
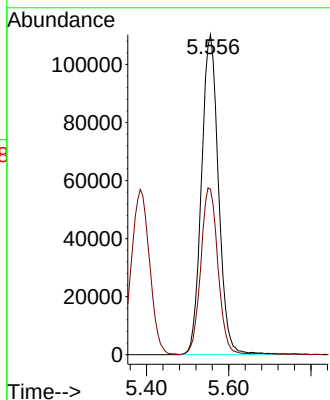
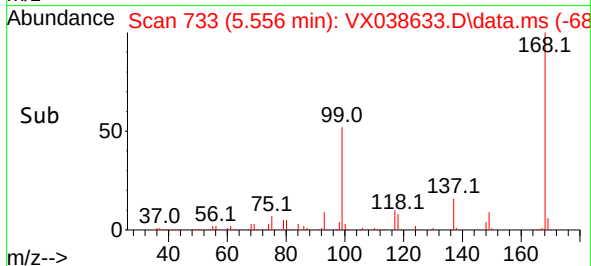
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



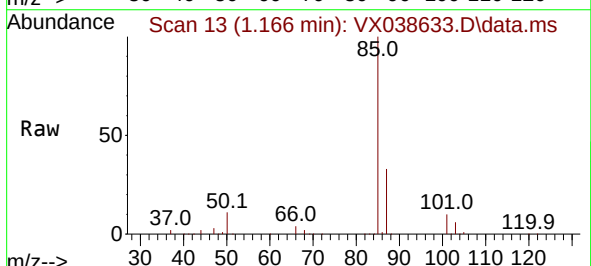
Tgt Ion:168 Resp: 31702
Ion Ratio Lower Upper
168 100
99 51.6 56.6 85.0

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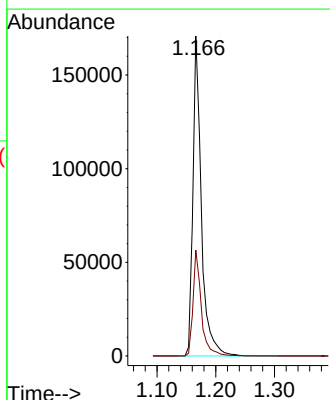
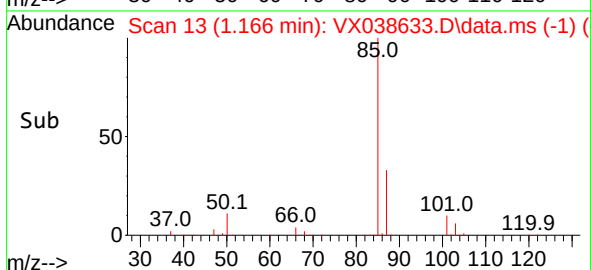
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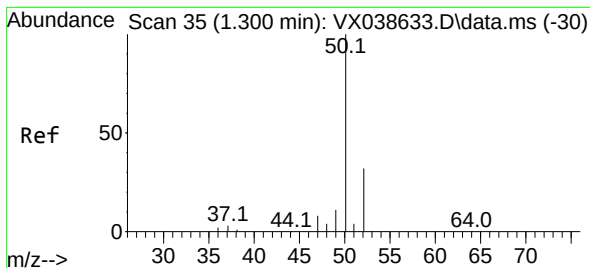


#2
Dichlorodifluoromethane
Concen: 51.770 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



Tgt Ion: 85 Resp: 170437
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





#3

Chloromethane

Concen: 47.673 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 135650

Ion Ratio Lower Upper

50 100

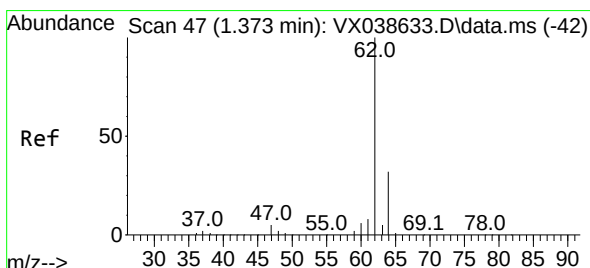
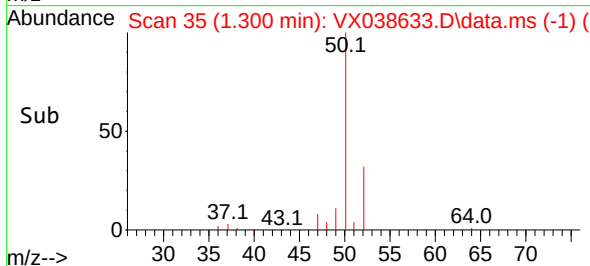
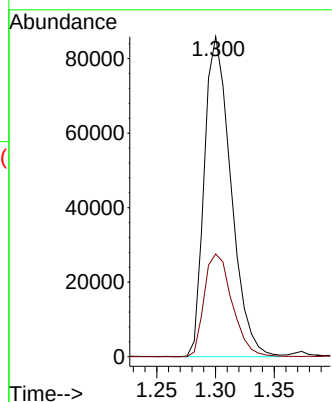
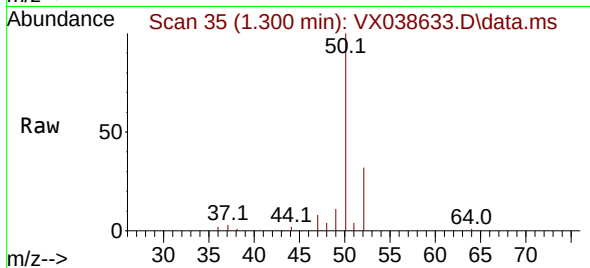
52 32.1 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.763 ug/l

RT: 1.373 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038633.D

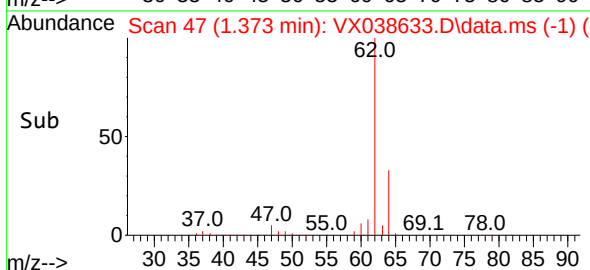
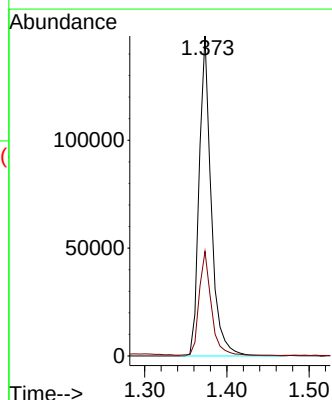
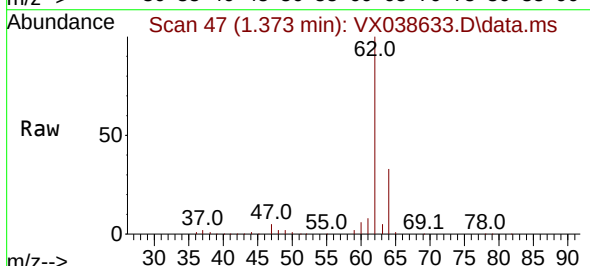
Acq: 07 Nov 2023 14:45

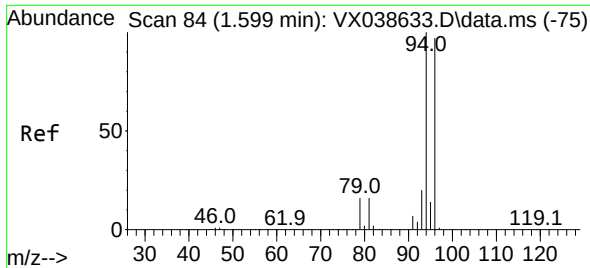
Tgt Ion: 62 Resp: 150748

Ion Ratio Lower Upper

62 100

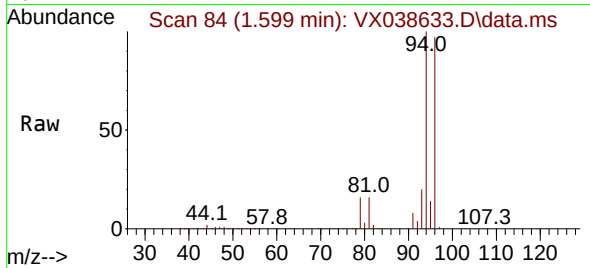
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 52.034 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

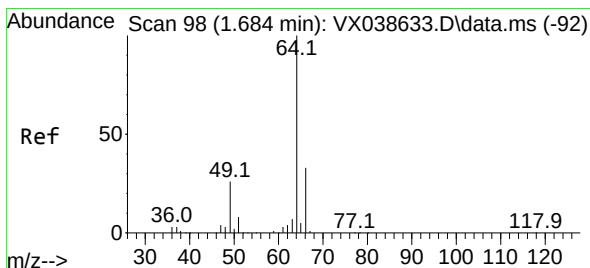
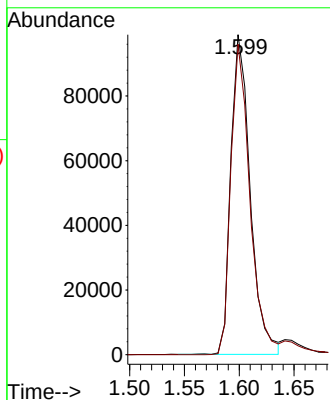
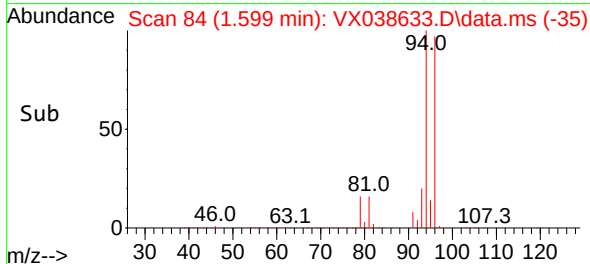
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 12166
Ion Ratio Lower Upper
94 100
96 97.1 74.6 111.8

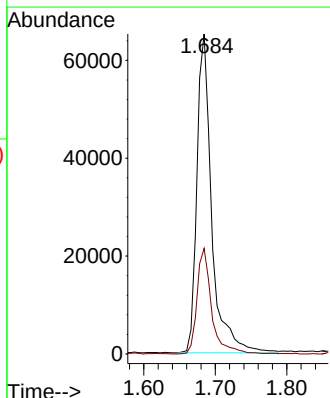
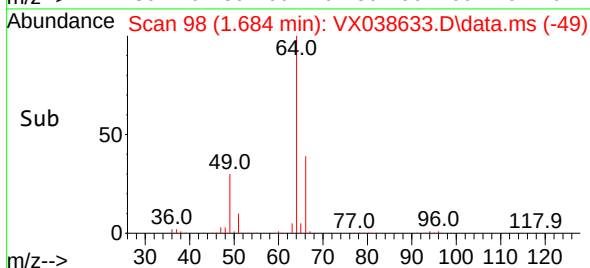
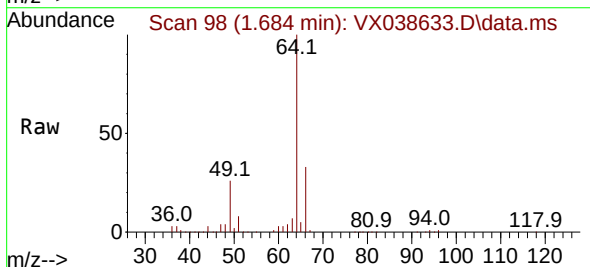
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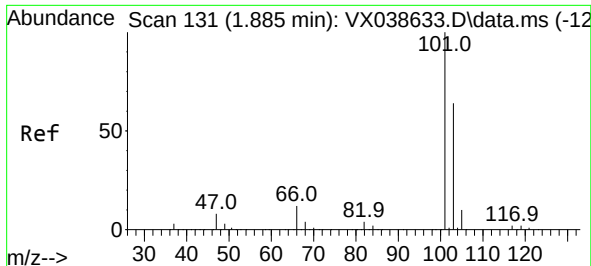
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#6
Chloroethane
Concen: 48.852 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

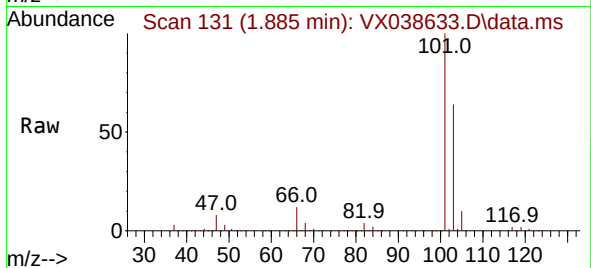
Tgt Ion: 64 Resp: 93702
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 50.045 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038633.D
 Acq: 07 Nov 2023 14:45

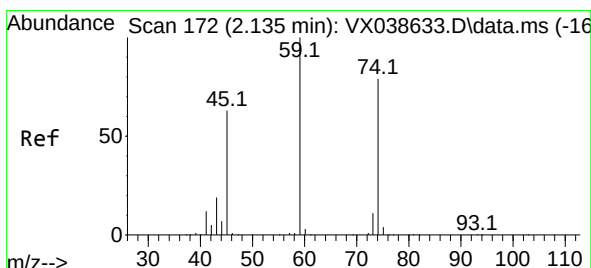
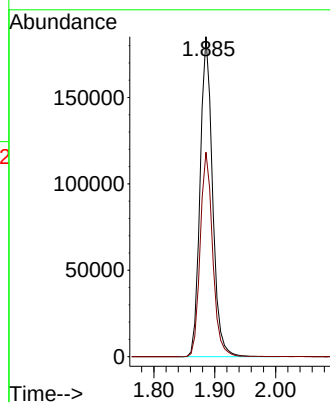
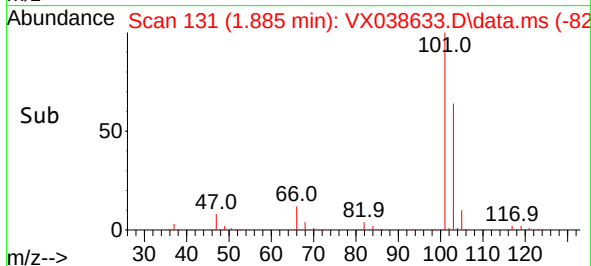
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 26136
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2

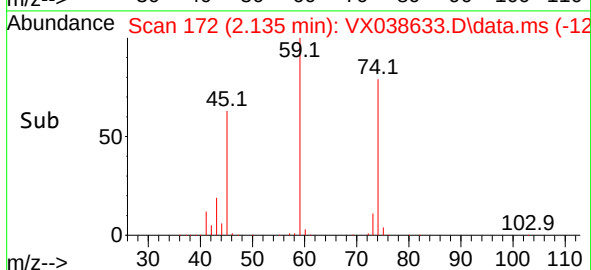
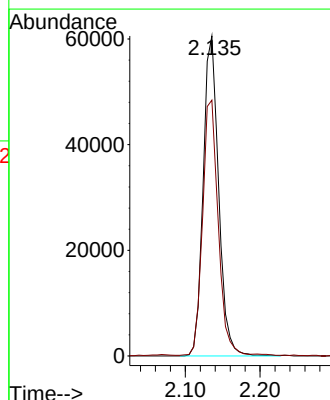
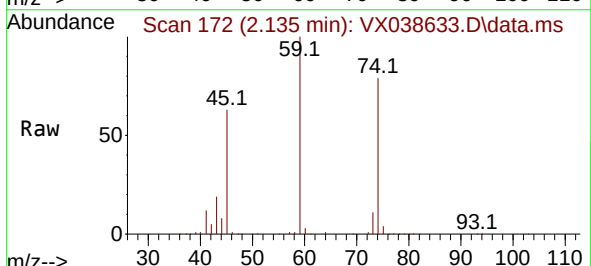
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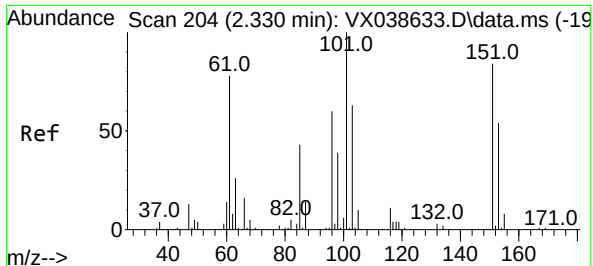
Reviewed By :John Carlone 11/08/2023
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#8
 Diethyl Ether
 Concen: 48.399 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 86770
 Ion Ratio Lower Upper
 74 100
 45 80.7 53.3 159.8





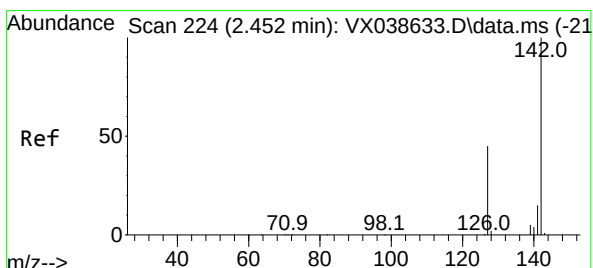
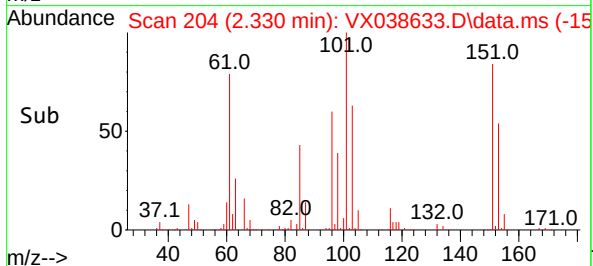
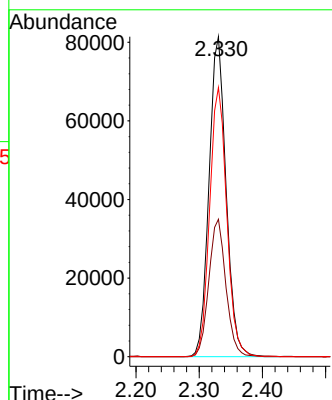
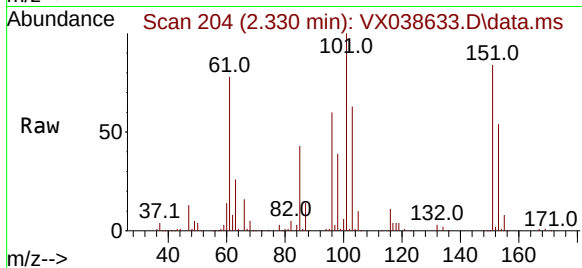
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.391 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 152518
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 84.4 58.6 87.8

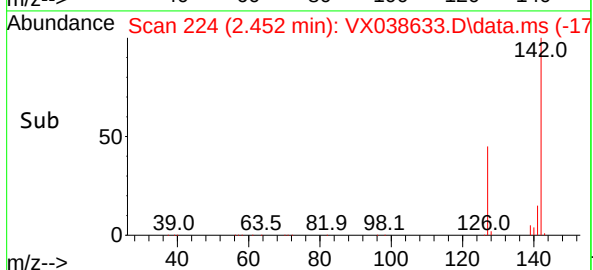
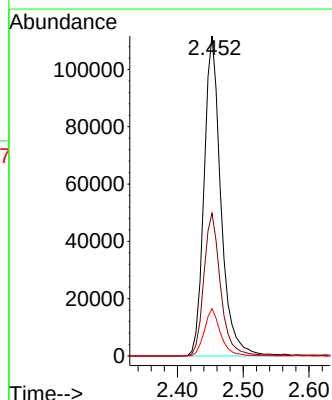
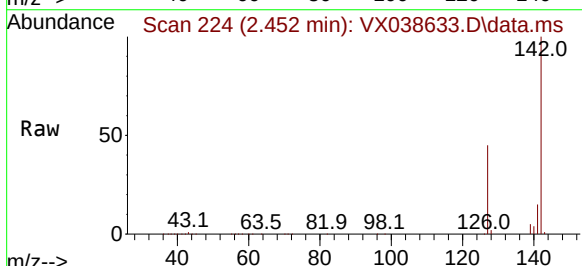
Manual Integrations
APPROVED

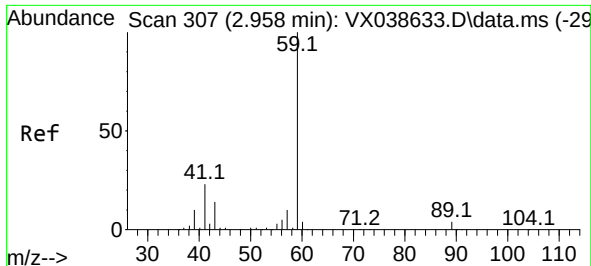
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 52.127 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

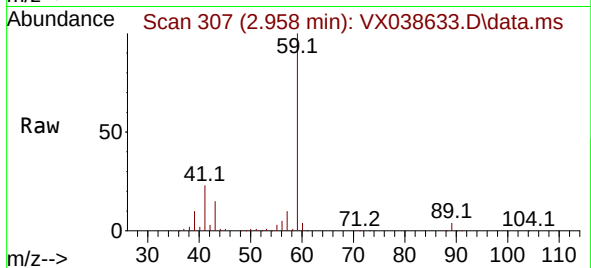
Tgt Ion:142 Resp: 198797
Ion Ratio Lower Upper
142 100
127 44.3 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 229.218 ug/l
RT: 2.958 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

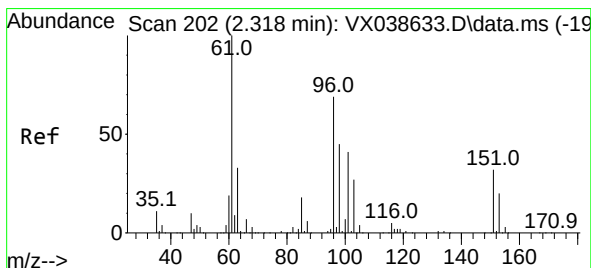
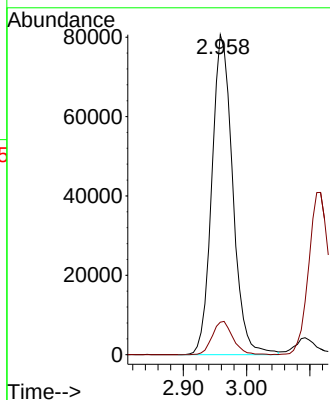
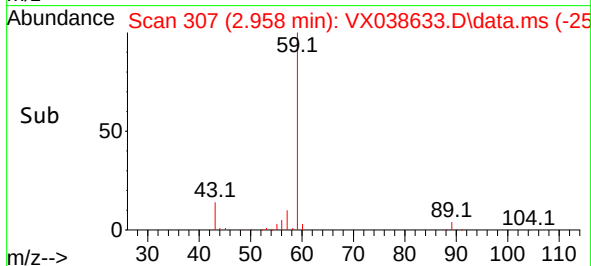
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



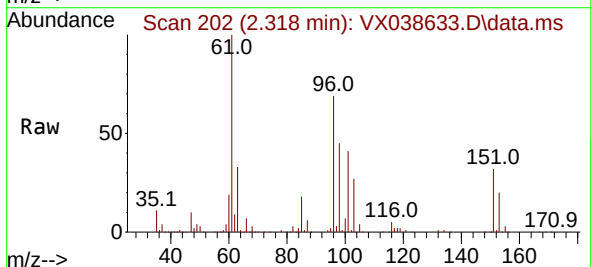
Tgt Ion: 59 Resp: 184940
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

Manual Integrations
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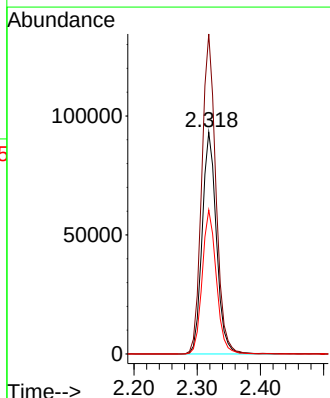
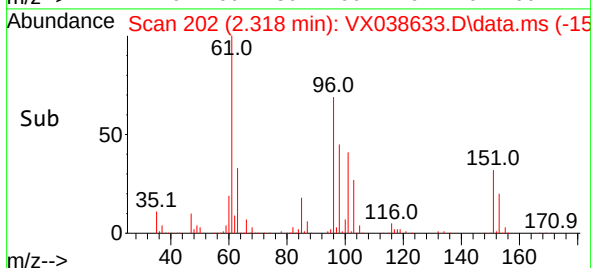
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

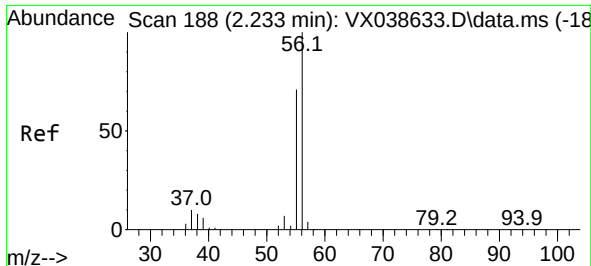


#12
1,1-Dichloroethene
Concen: 49.354 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



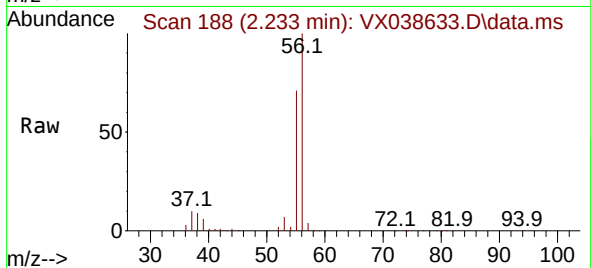
Tgt Ion: 96 Resp: 146017
Ion Ratio Lower Upper
96 100
61 144.3 144.6 216.8#
98 64.9 50.4 75.6





#13
Acrolein
Concen: 235.850 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

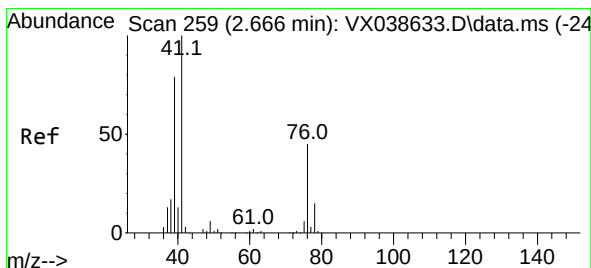
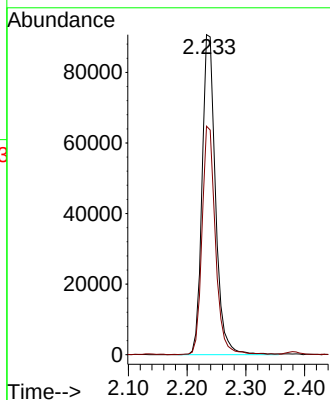
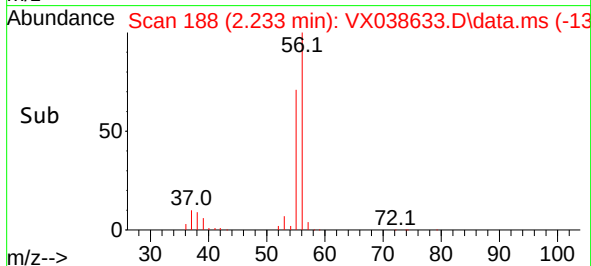
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 144220
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

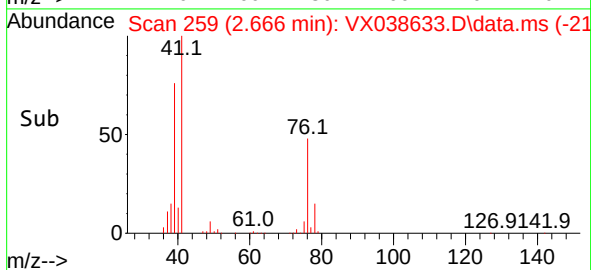
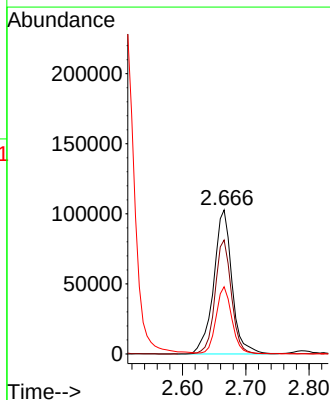
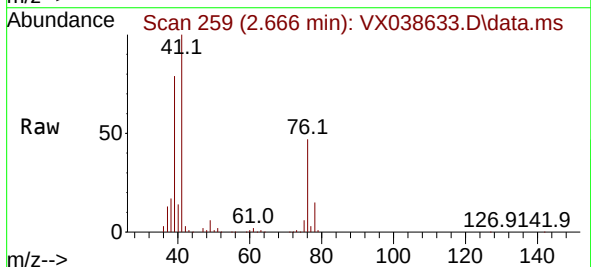
Manual Integrations
APPROVED

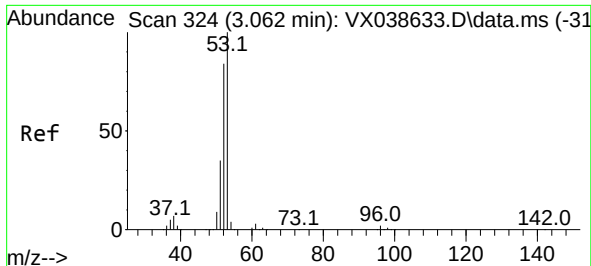
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#14
Allyl chloride
Concen: 48.797 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

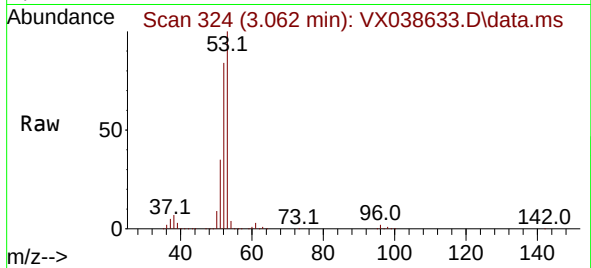
Tgt Ion: 41 Resp: 206785
Ion Ratio Lower Upper
41 100
39 70.9 55.8 83.6
76 40.0 24.3 36.5





#15
Acrylonitrile
Concen: 249.165 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

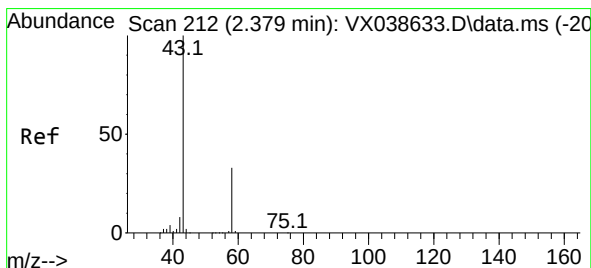
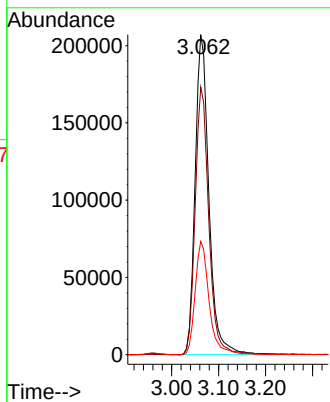
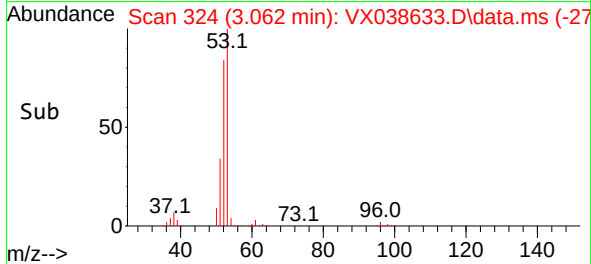
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 42426
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 36.1 29.8 44.6

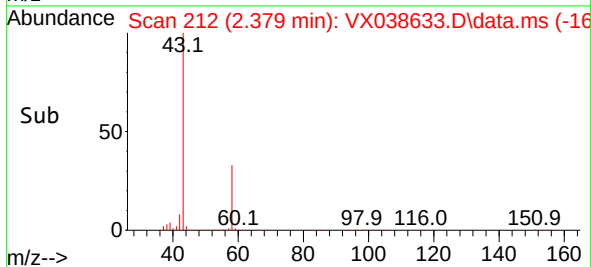
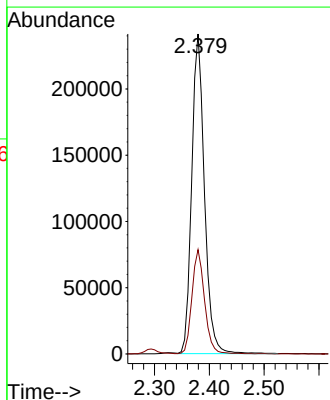
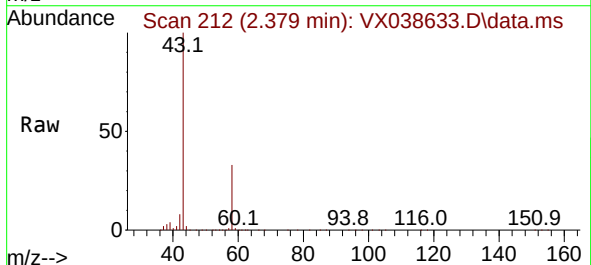
Manual Integrations
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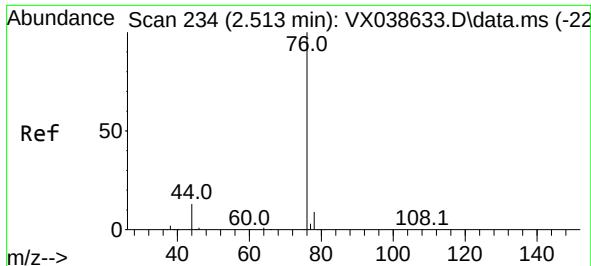
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#16
Acetone
Concen: 234.658 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion: 43 Resp: 390047
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17

Carbon Disulfide

Concen: 49.781 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 391340

Ion Ratio Lower Upper

76 100

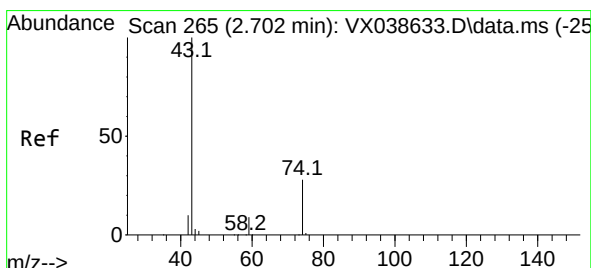
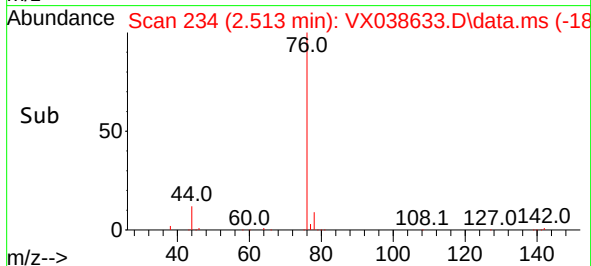
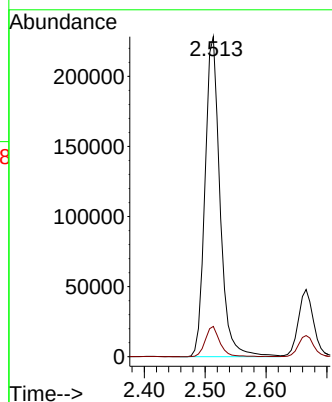
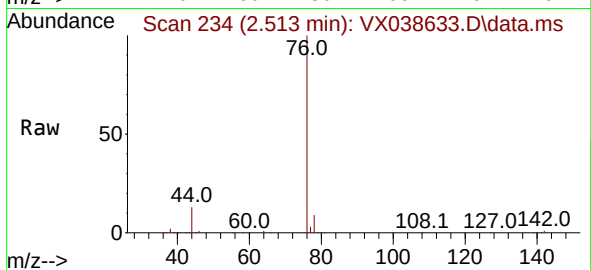
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#18

Methyl Acetate

Concen: 49.895 ug/l

RT: 2.702 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX038633.D

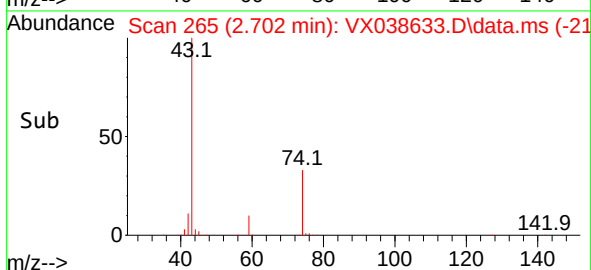
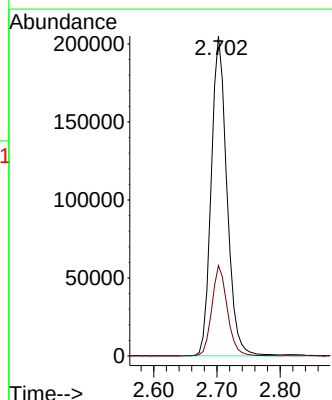
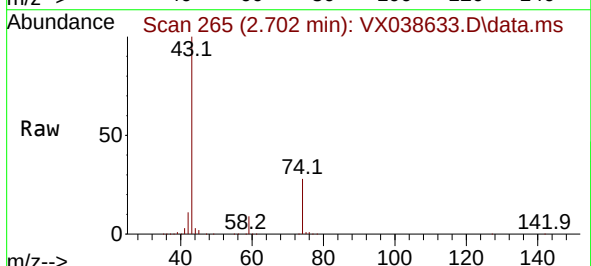
Acq: 07 Nov 2023 14:45

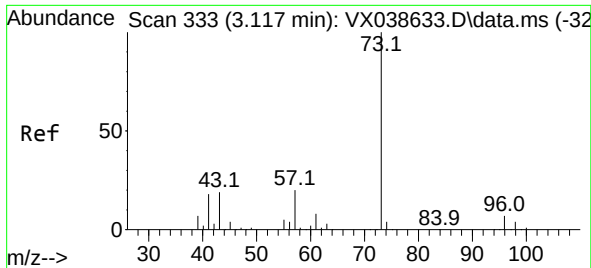
Tgt Ion: 43 Resp: 353339

Ion Ratio Lower Upper

43 100

74 28.0 17.8 26.8#





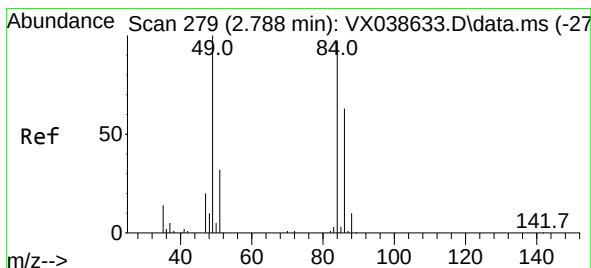
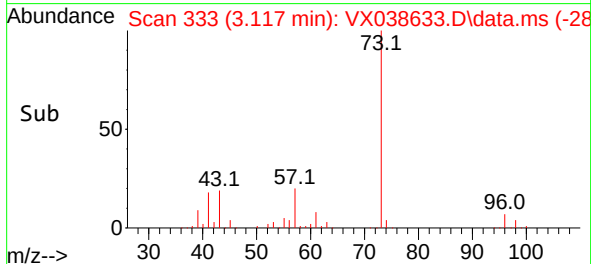
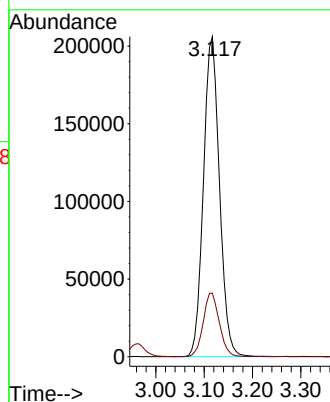
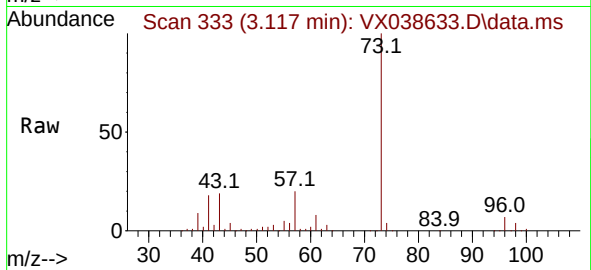
#19
Methyl tert-butyl Ether
Concen: 50.163 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 474602
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

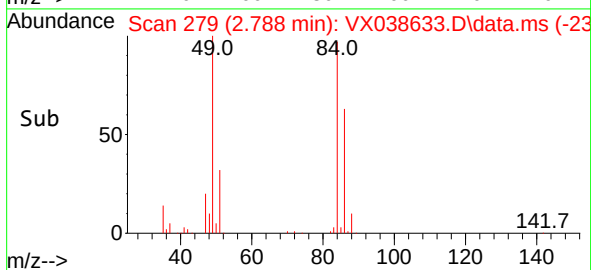
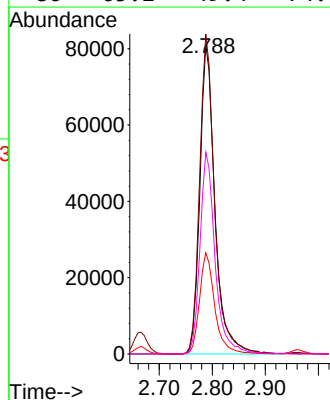
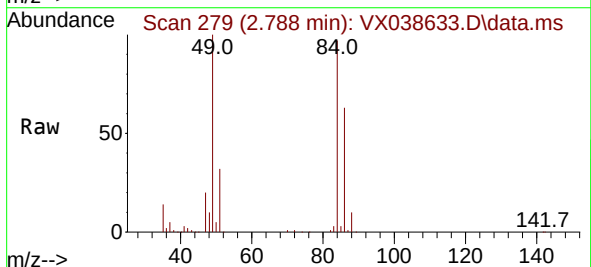
Manual Integrations
APPROVED

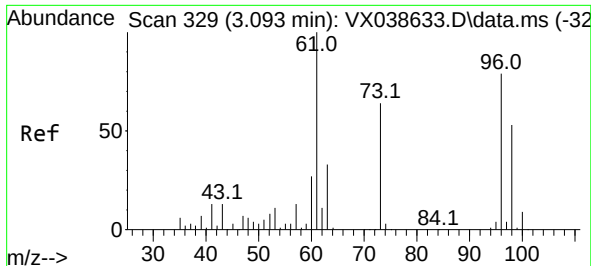
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 48.039 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

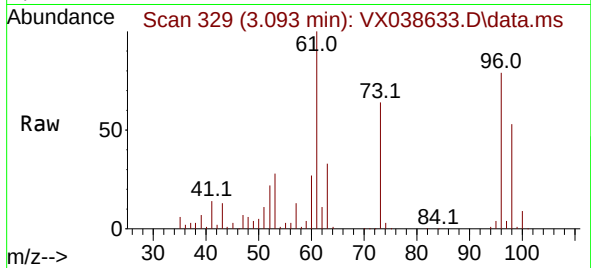
Tgt Ion: 84 Resp: 160966
Ion Ratio Lower Upper
84 100
49 103.4 103.6 155.4#
51 32.7 33.8 50.6#
86 65.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.269 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

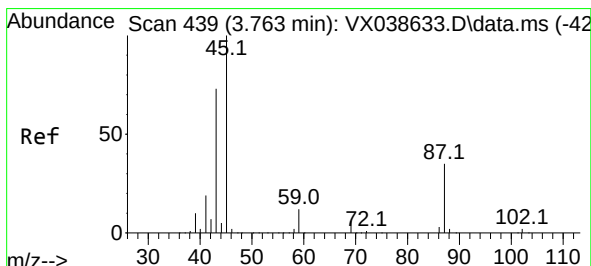
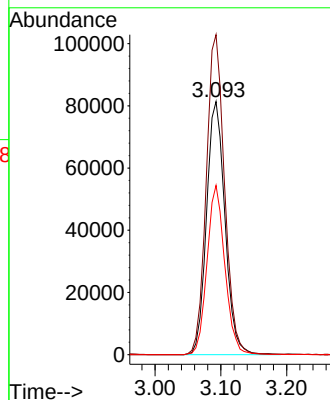
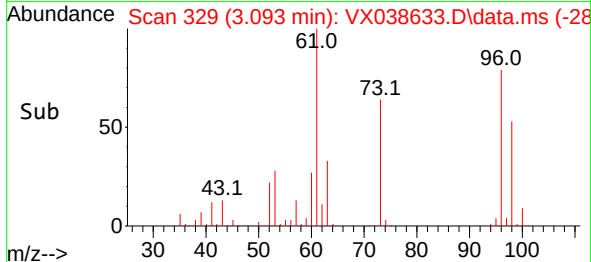
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



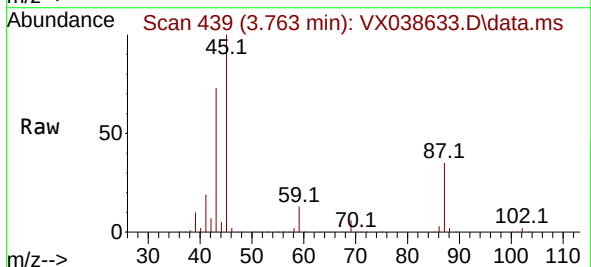
Tgt Ion: 96 Resp: 15869
Ion Ratio Lower Upper
96 100
61 126.5 119.2 178.8
98 66.9 48.7 73.1

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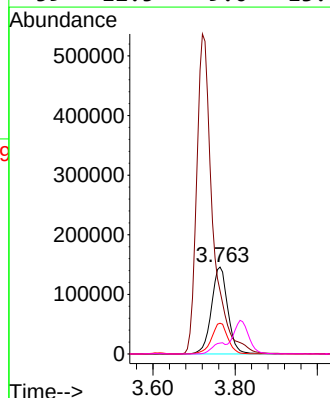
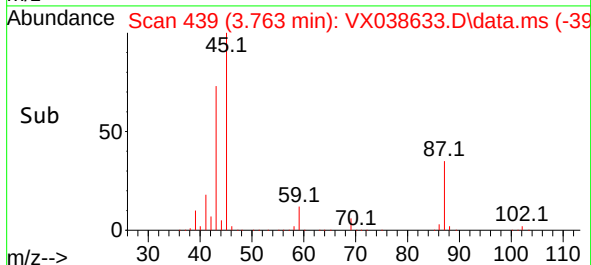
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

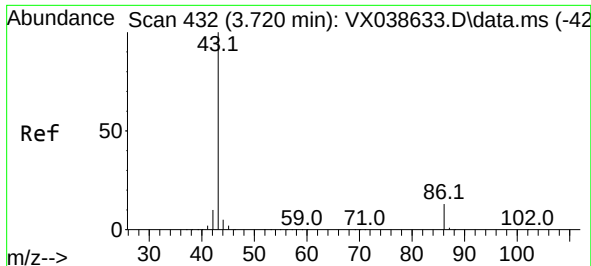


#22
Diisopropyl ether
Concen: 50.373 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



Tgt Ion: 45 Resp: 402315
Ion Ratio Lower Upper
45 100
43 72.8 69.7 104.5
87 35.4 20.8 31.2#
59 12.5 9.0 13.4





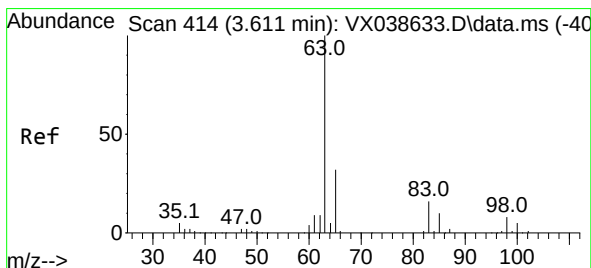
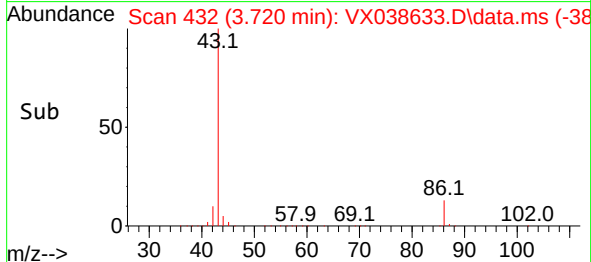
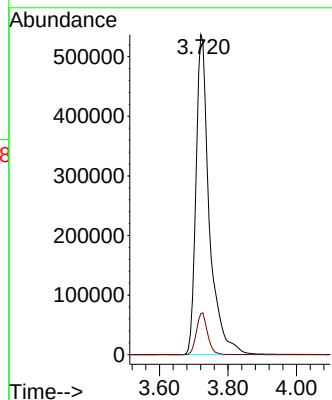
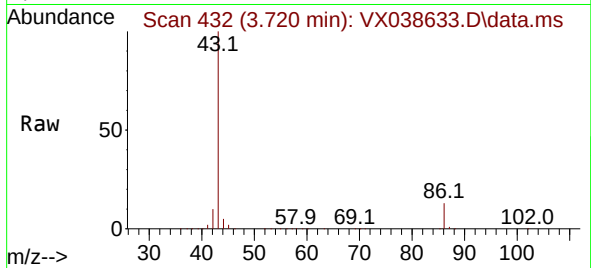
#23
 Vinyl Acetate
 Concen: 257.271 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038633.D
 Acq: 07 Nov 2023 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 145843
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.8 11.8

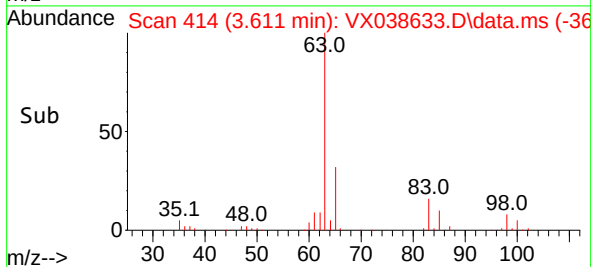
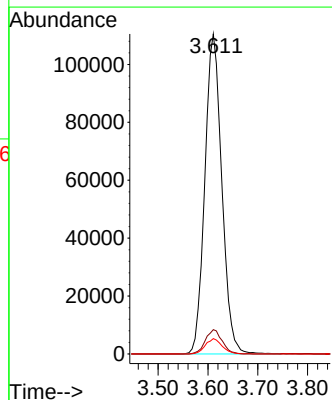
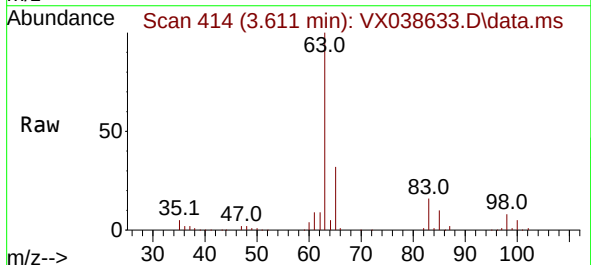
Manual Integrations
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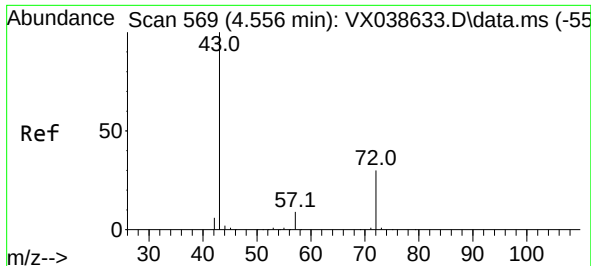
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 49.454 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038633.D
 Acq: 07 Nov 2023 14:45

Tgt Ion: 63 Resp: 261318
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 243.479 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 586272

Ion Ratio Lower Upper

43 100

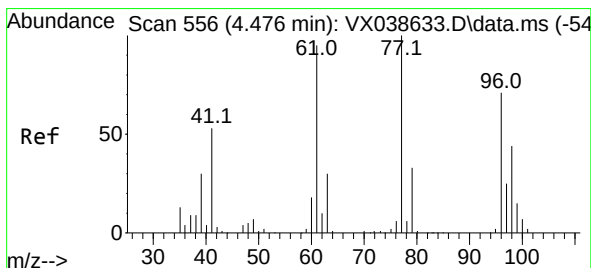
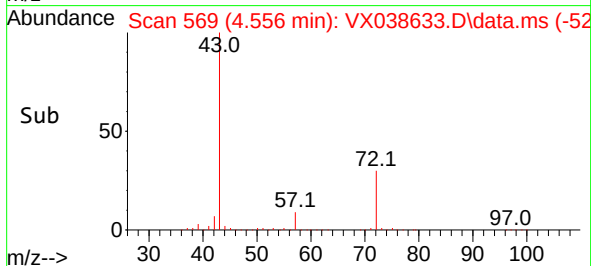
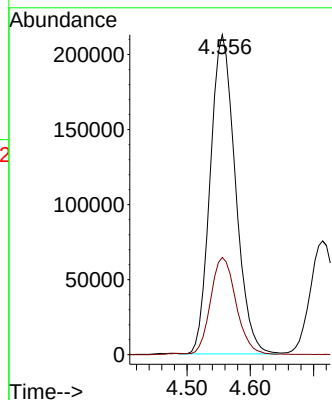
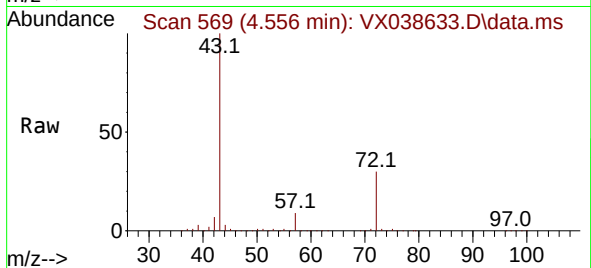
72 30.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#26

2,2-Dichloropropane

Concen: 48.837 ug/l

RT: 4.476 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038633.D

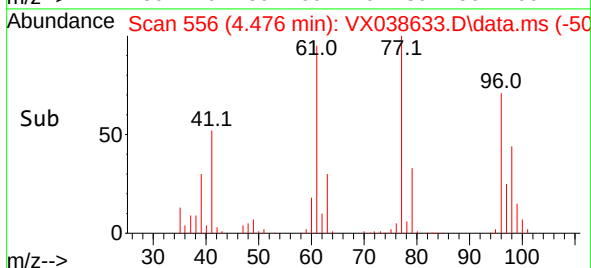
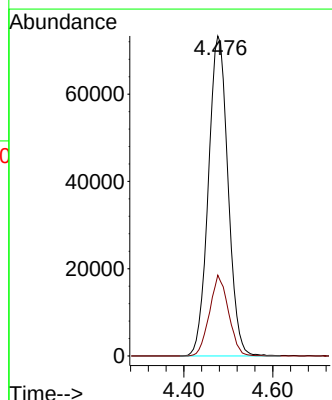
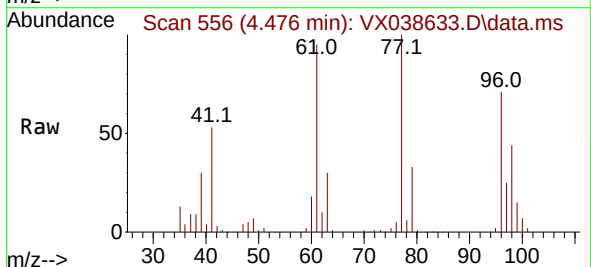
Acq: 07 Nov 2023 14:45

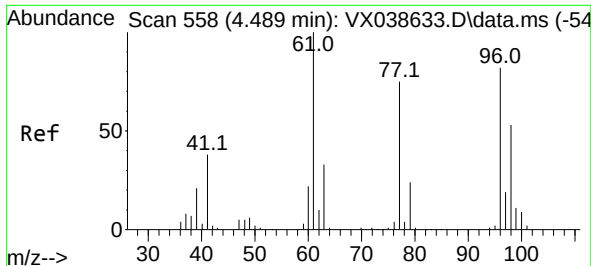
Tgt Ion: 77 Resp: 225318

Ion Ratio Lower Upper

77 100

97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.520 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 18418

Ion Ratio Lower Upper

96 100

61 128.7 0.0 312.2

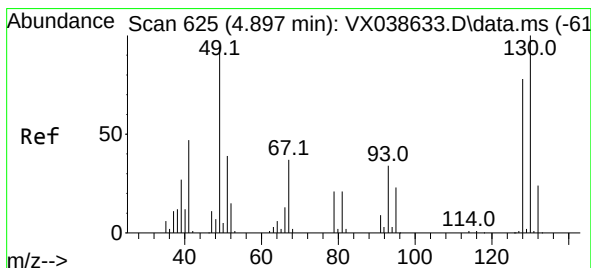
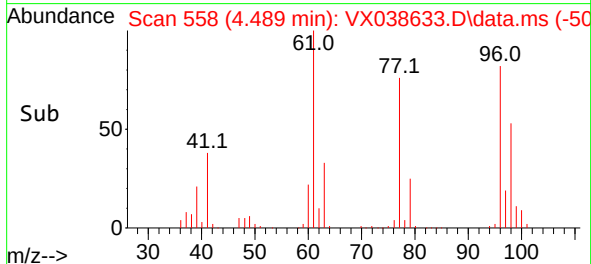
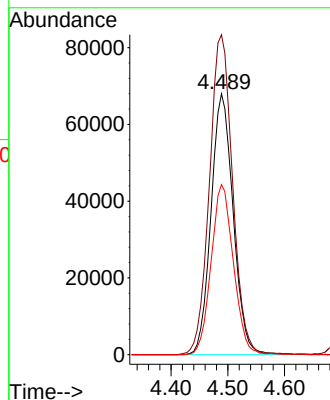
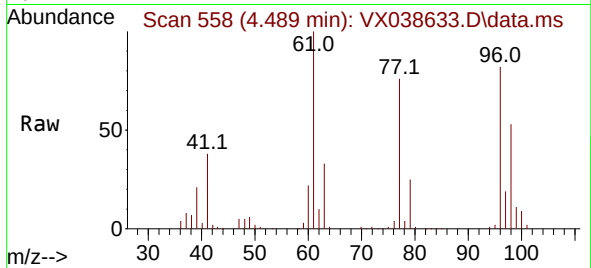
98 65.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#28

Bromochloromethane

Concen: 49.370 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

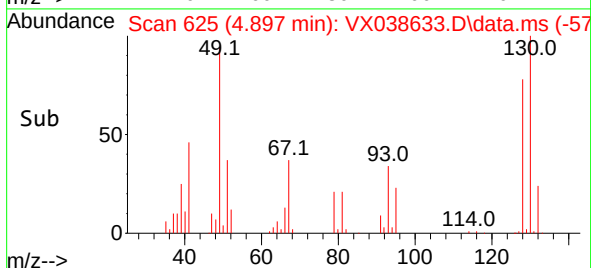
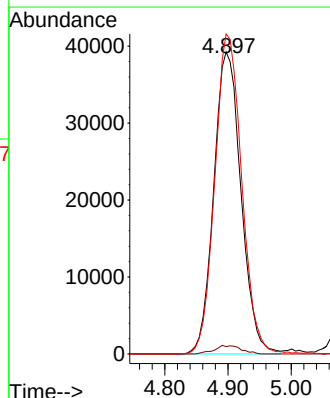
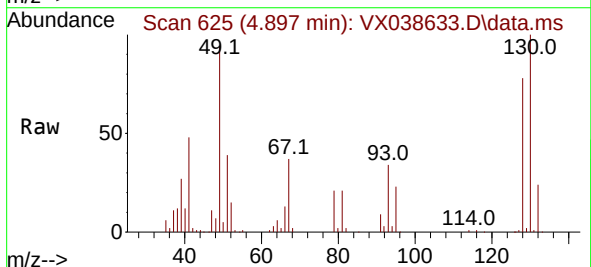
Tgt Ion: 49 Resp: 117238

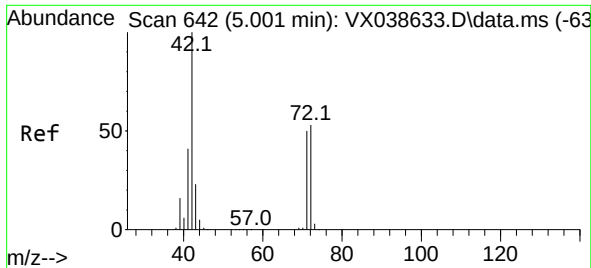
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 104.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 249.432 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 37368

Ion Ratio Lower Upper

42 100

72 54.7 34.2 51.4

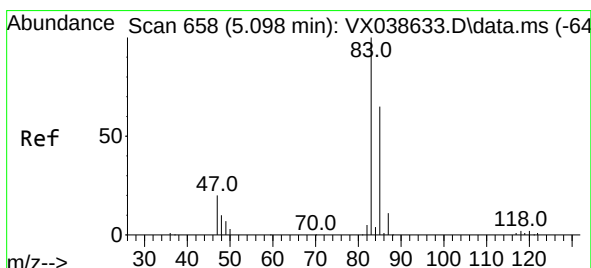
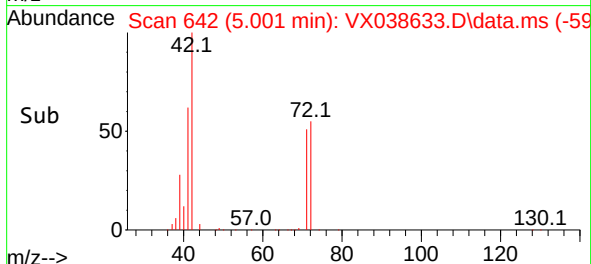
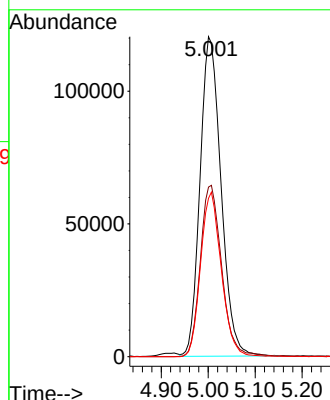
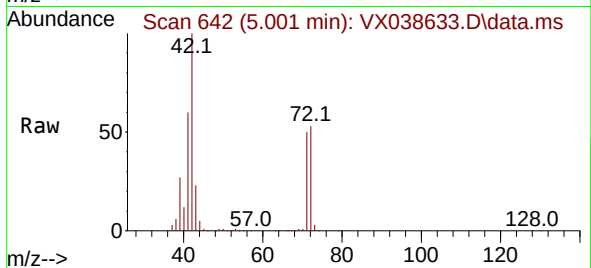
71 50.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 48.103 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX038633.D

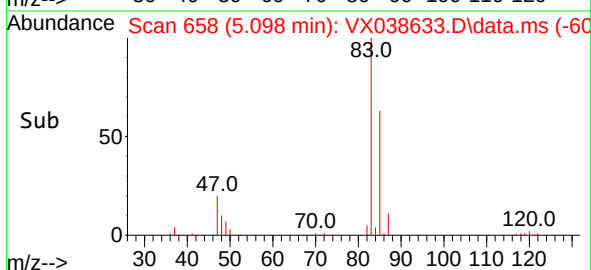
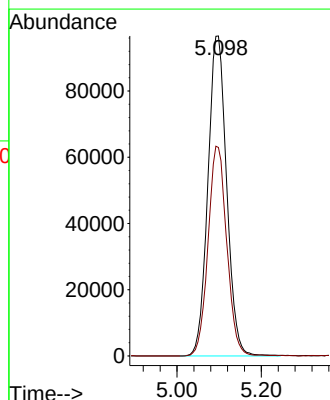
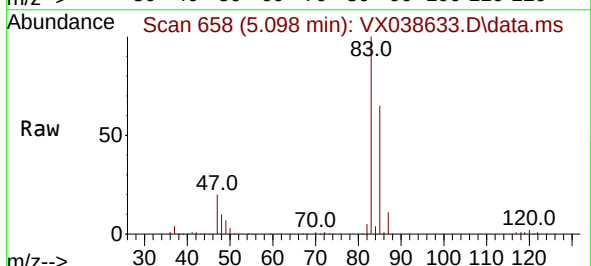
Acq: 07 Nov 2023 14:45

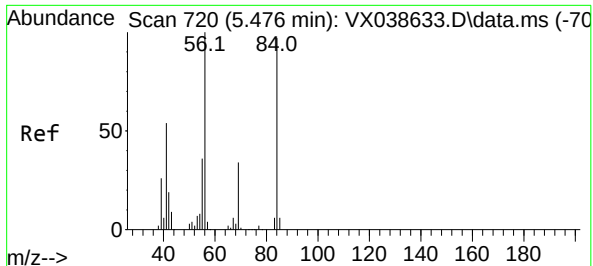
Tgt Ion: 83 Resp: 298231

Ion Ratio Lower Upper

83 100

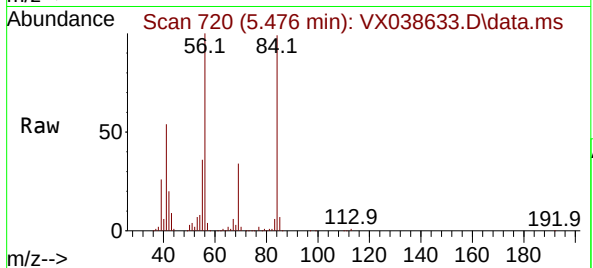
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 49.777 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

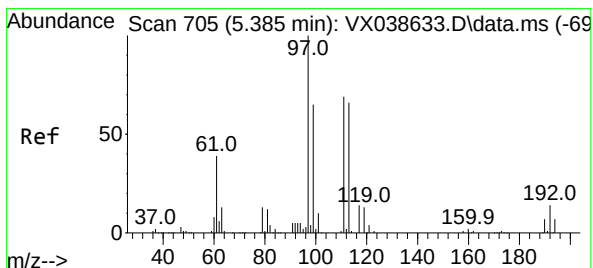
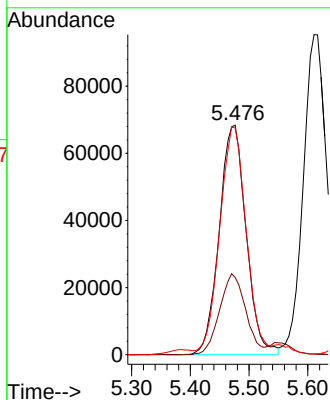
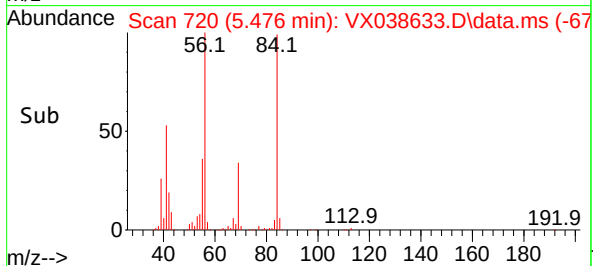
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



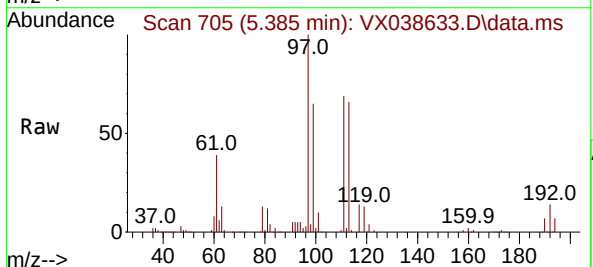
Tgt Ion: 56 Resp: 21743
Ion Ratio Lower Upper
56 100
69 33.7 23.4 35.2
84 96.7 65.9 98.9

Manual Integrations
APPROVED

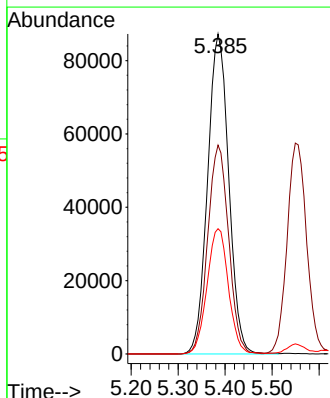
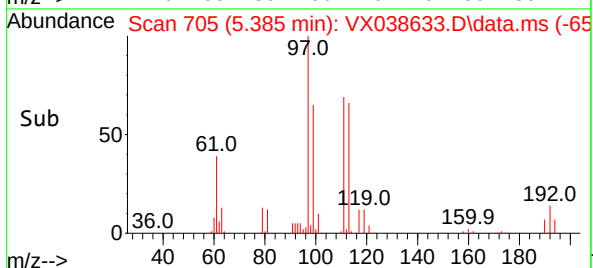
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

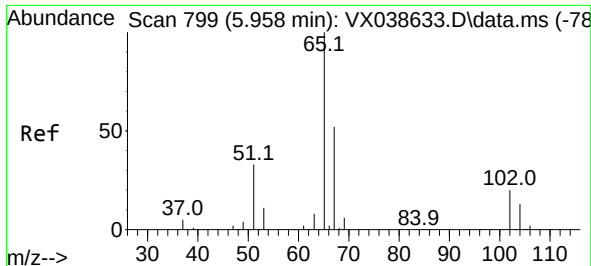


#32
1,1,1-Trichloroethane
Concen: 49.911 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



Tgt Ion: 97 Resp: 272321
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 39.7 36.4 54.6





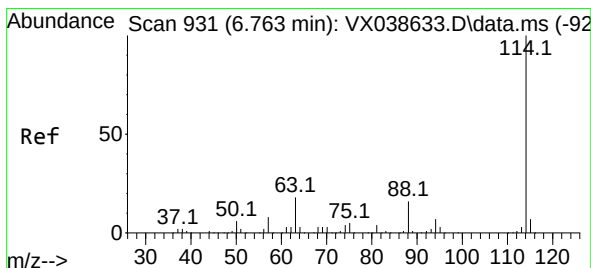
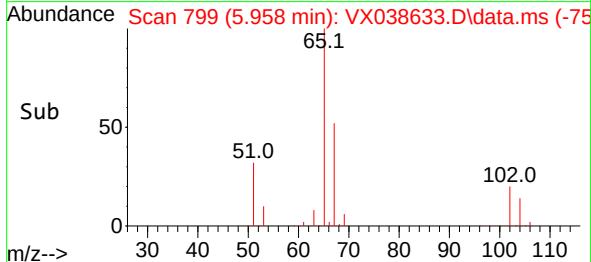
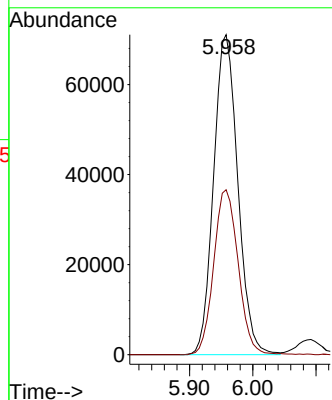
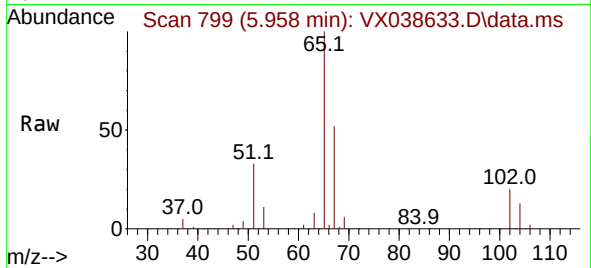
#33
1,2-Dichloroethane-d4
Concen: 47.894 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 189029
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

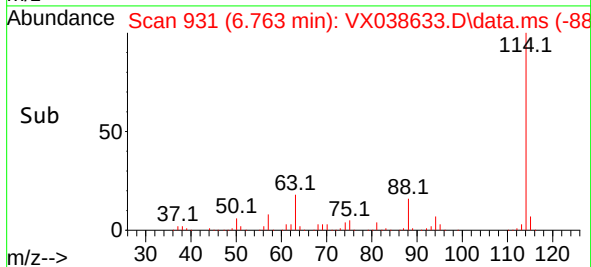
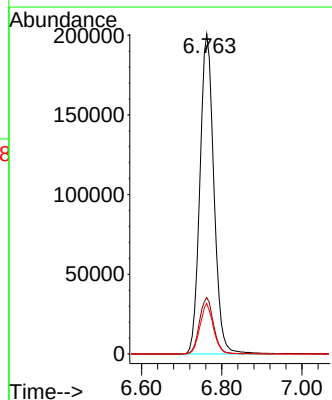
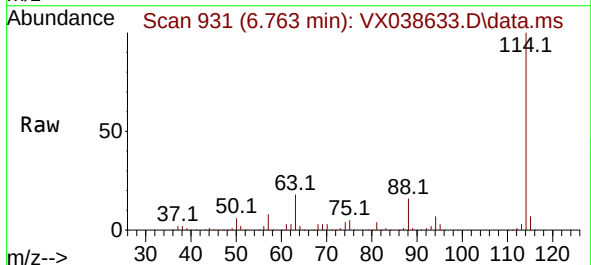
Manual Integrations
APPROVED

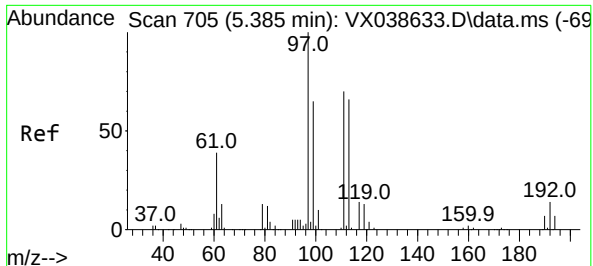
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion:114 Resp: 485524
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.885 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 170940

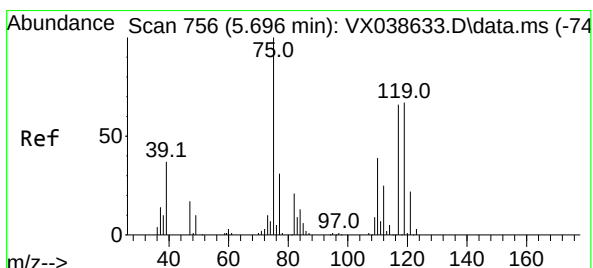
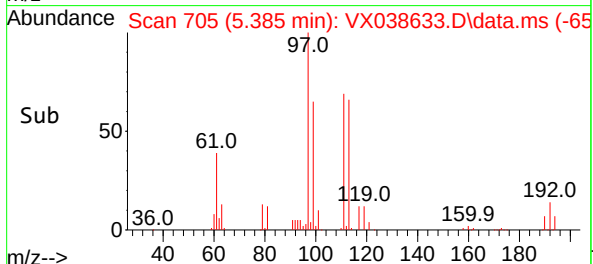
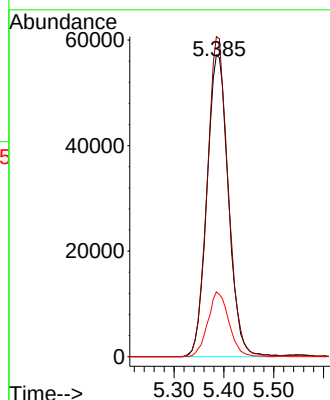
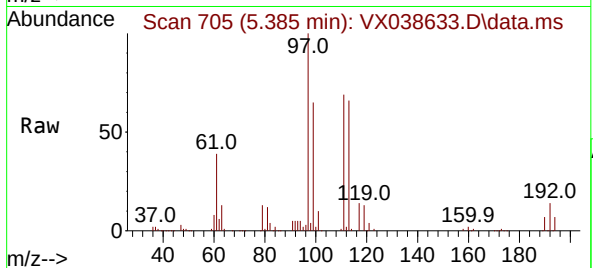
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	21.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#36

1,1-Dichloropropene

Concen: 48.897 ug/l

RT: 5.696 min Scan# 756

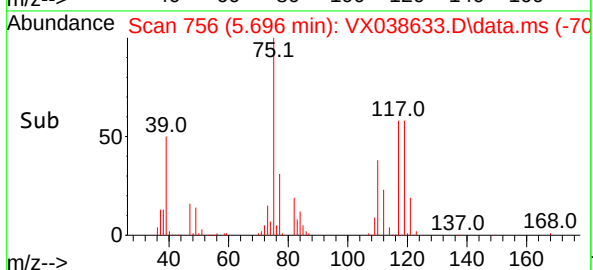
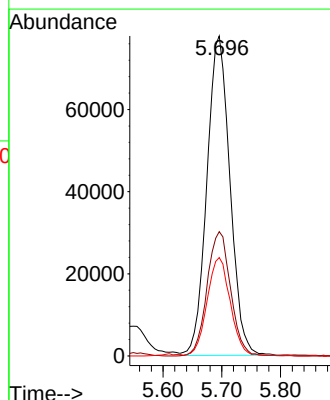
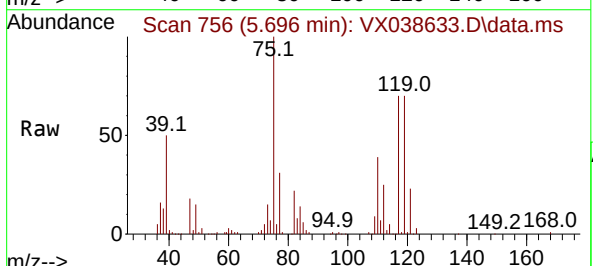
Delta R.T. 0.000 min

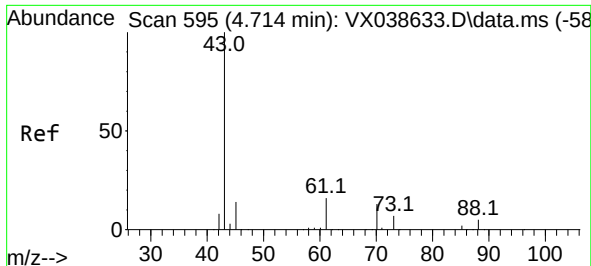
Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Tgt Ion: 75 Resp: 212399

Ion	Ratio	Lower	Upper
75	100		
110	39.7	17.0	50.9
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 49.898 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 22129

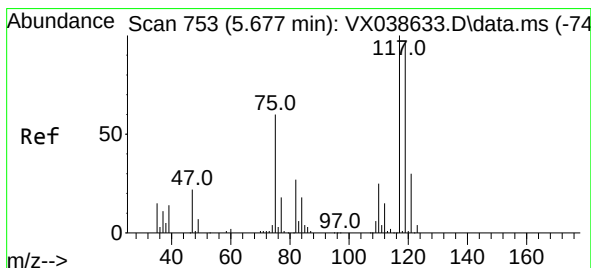
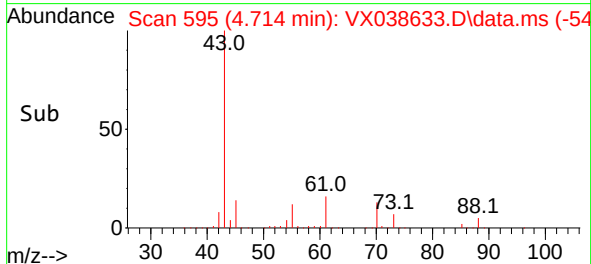
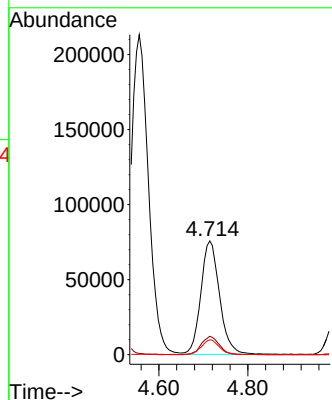
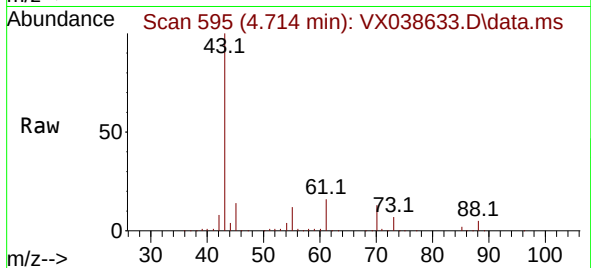
Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.6	16.0
70	12.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#38

Carbon Tetrachloride

Concen: 49.968 ug/l

RT: 5.677 min Scan# 753

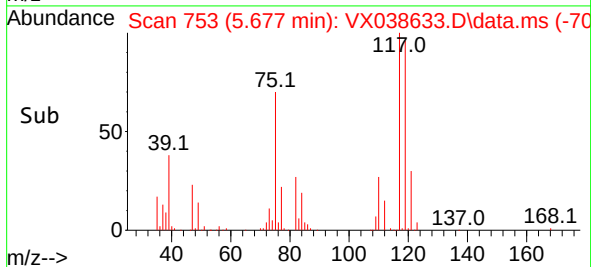
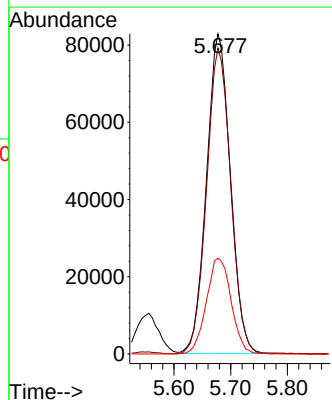
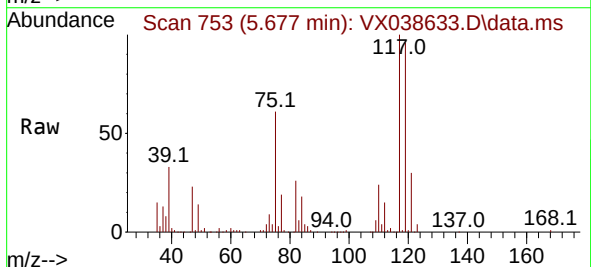
Delta R.T. 0.000 min

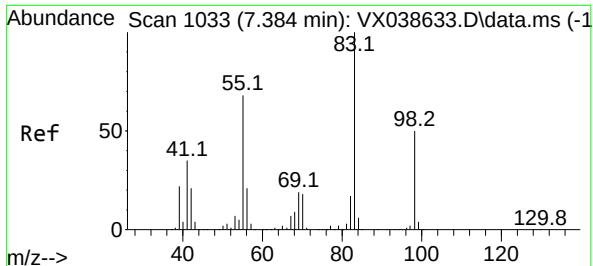
Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Tgt Ion:117 Resp: 242649

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.2
121	30.0	24.4	36.6





#39

Methylcyclohexane

Concen: 49.026 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 26625

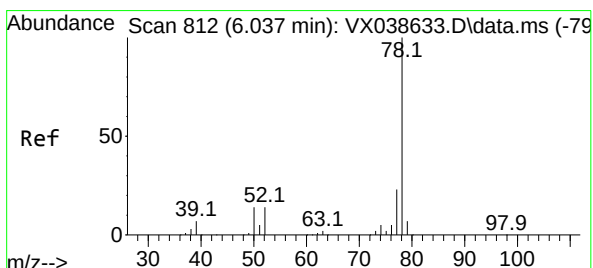
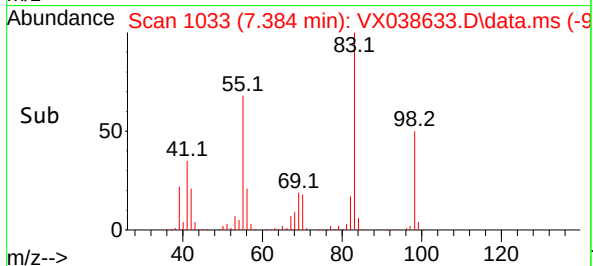
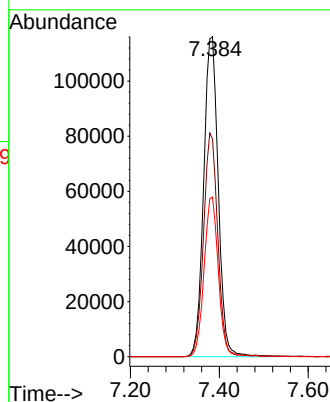
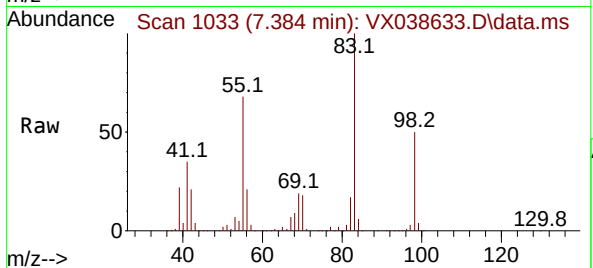
Ion	Ratio	Lower	Upper
83	100		
55	67.9	64.6	97.0
98	49.9	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 49.059 ug/l

RT: 6.037 min Scan# 812

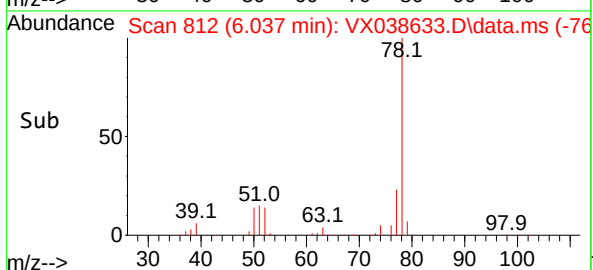
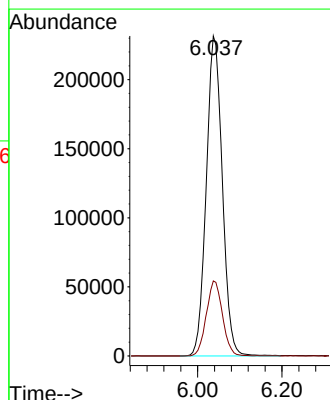
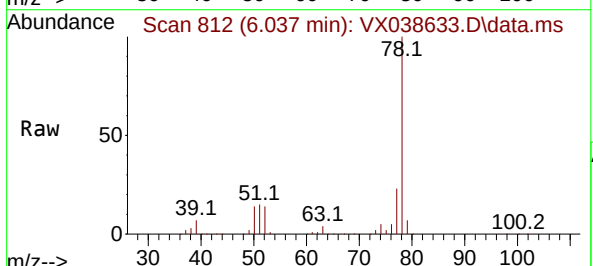
Delta R.T. 0.000 min

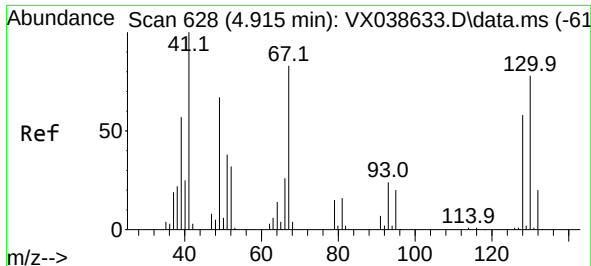
Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Tgt Ion: 78 Resp: 613794

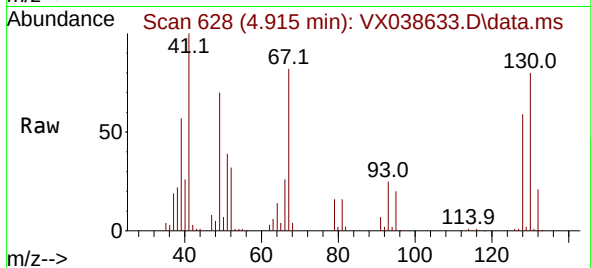
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#41
Methacrylonitrile
Concen: 50.136 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

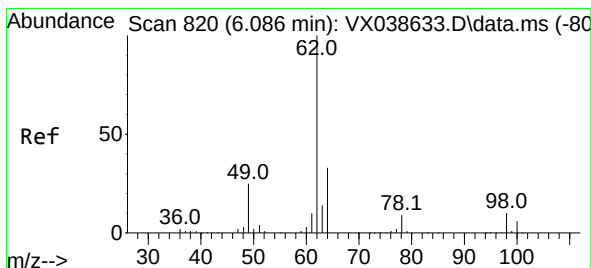
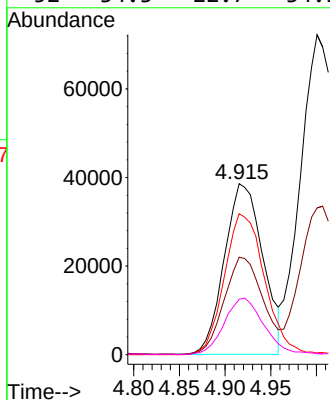
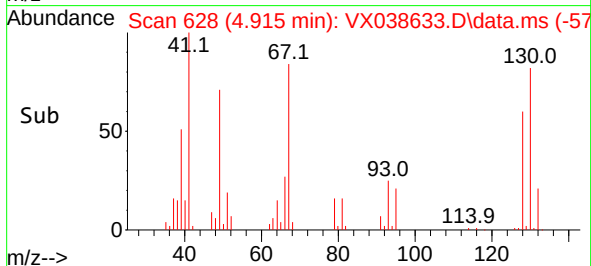
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 113279
Ion Ratio Lower Upper
41 100
39 56.9 45.2 67.8
67 86.5 52.6 78.8
52 34.3 22.7 34.1#

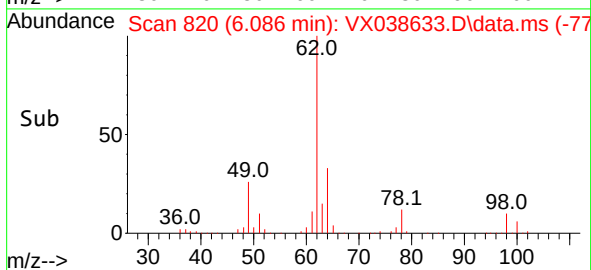
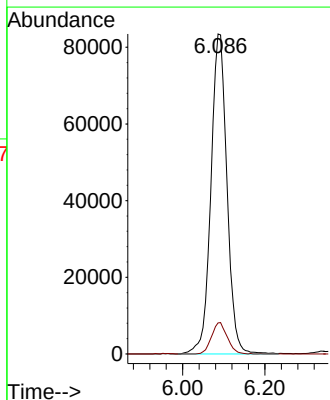
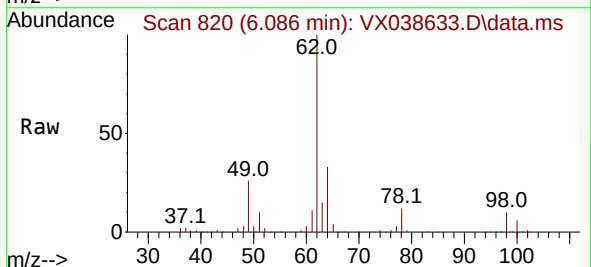
Manual Integrations
APPROVED

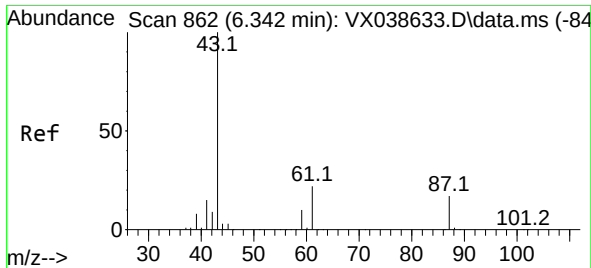
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 50.199 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

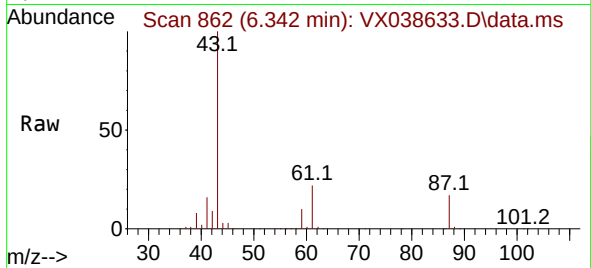
Tgt Ion: 62 Resp: 226618
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.042 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

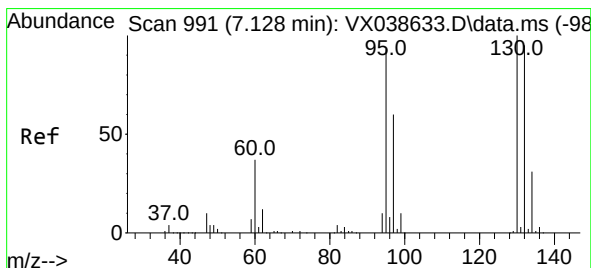
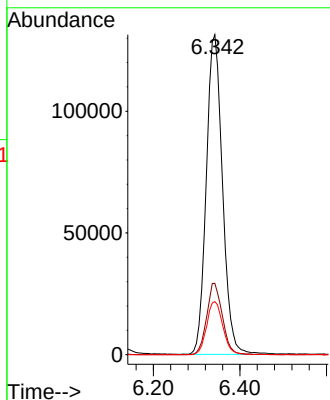
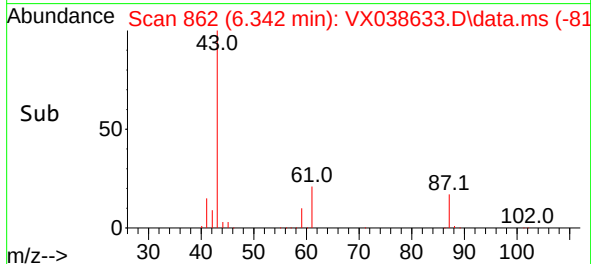
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 341190
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 16.6 9.8 14.6

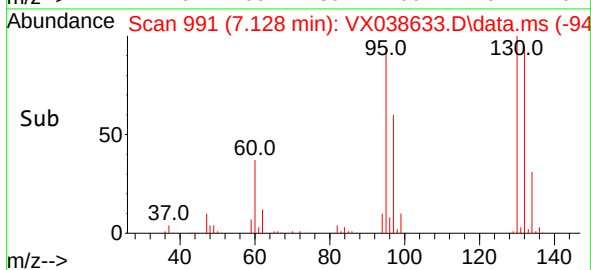
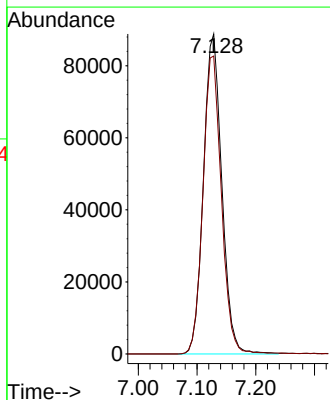
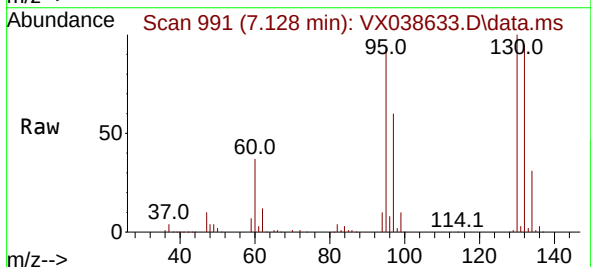
Manual Integrations
APPROVED

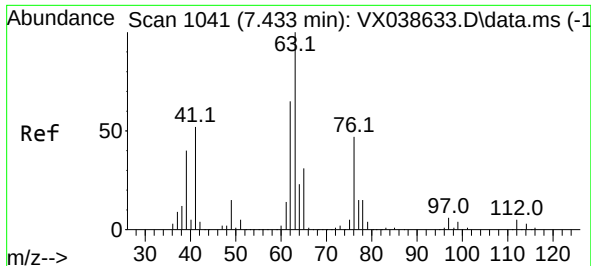
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 49.569 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion:130 Resp: 192962
Ion Ratio Lower Upper
130 100
95 93.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.850 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 15077

Ion Ratio Lower Upper

63 100

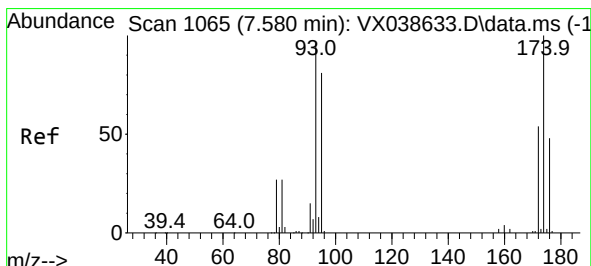
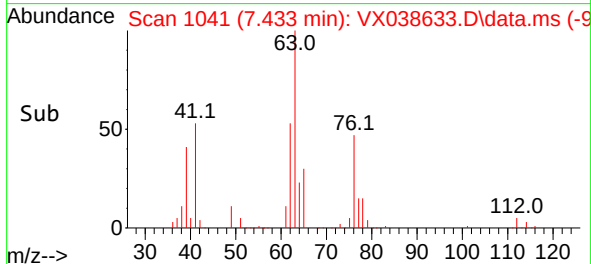
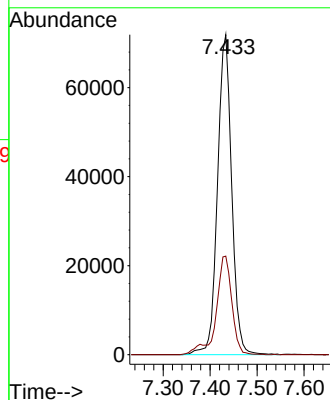
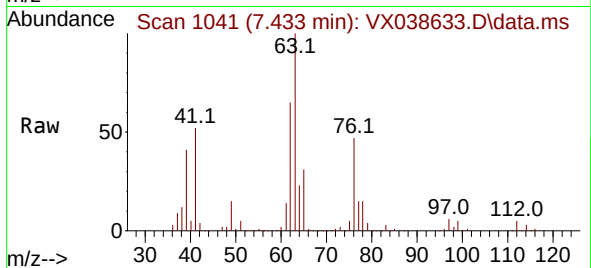
65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#46

Dibromomethane

Concen: 50.282 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

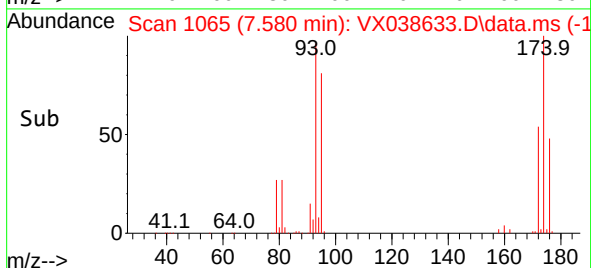
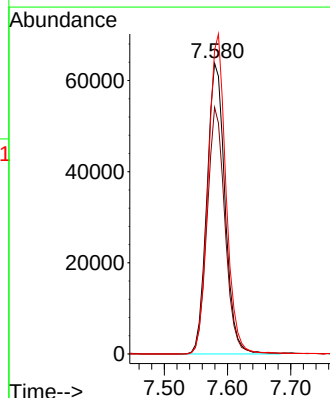
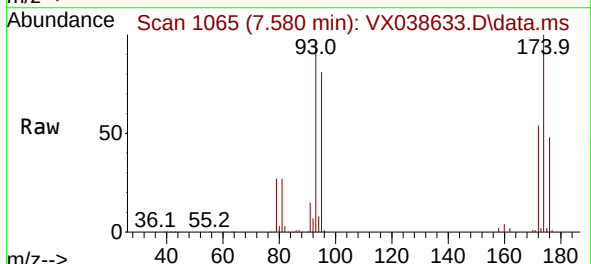
Tgt Ion: 93 Resp: 127180

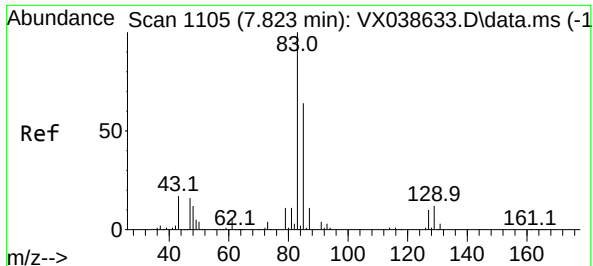
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

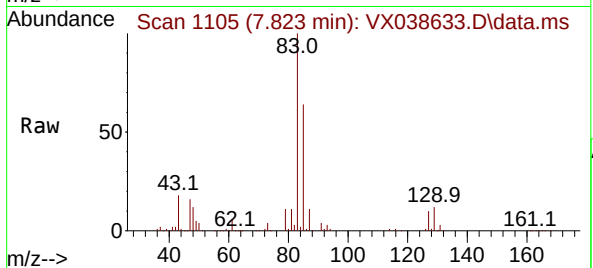
174 108.2 69.4 104.0#





#47
Bromodichloromethane
Concen: 48.813 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

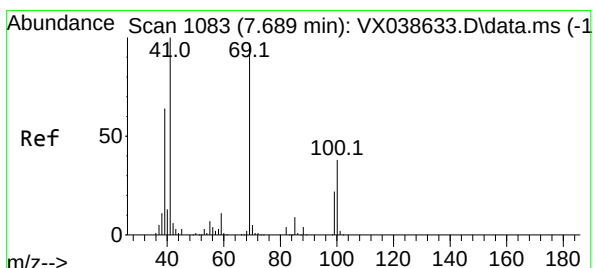
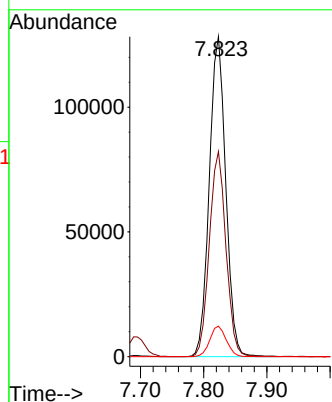
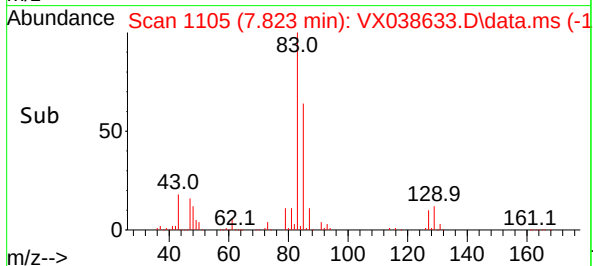
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 232197
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 9.6 7.1 10.7

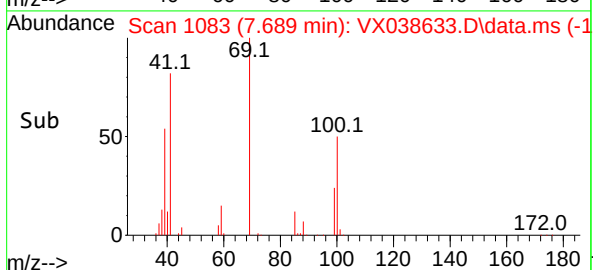
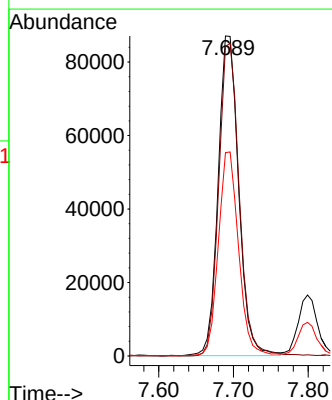
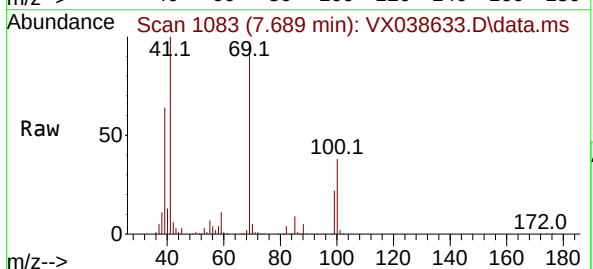
Manual Integrations
APPROVED

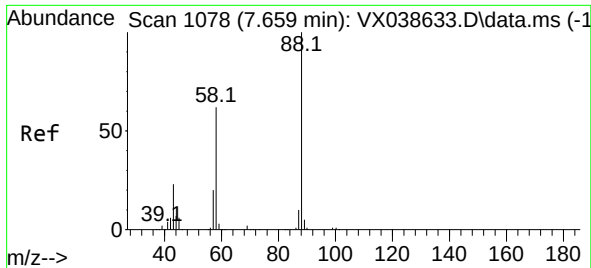
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#48
Methyl methacrylate
Concen: 50.568 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

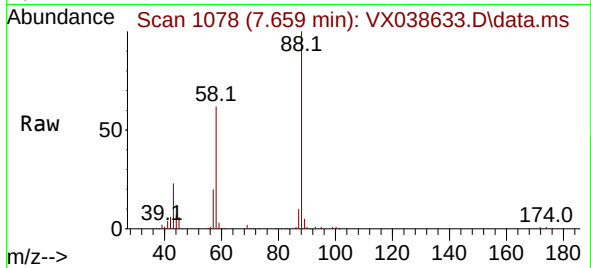
Tgt Ion: 41 Resp: 166161
Ion Ratio Lower Upper
41 100
69 97.8 59.2 88.8#
39 62.8 47.7 71.5





#49
1,4-Dioxane
Concen: 988.566 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

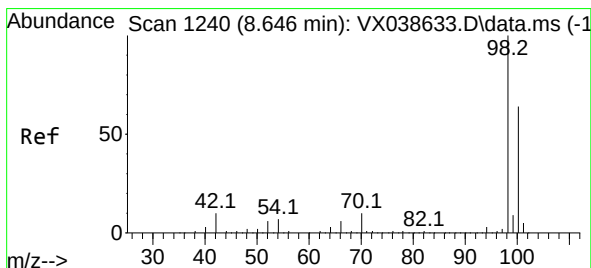
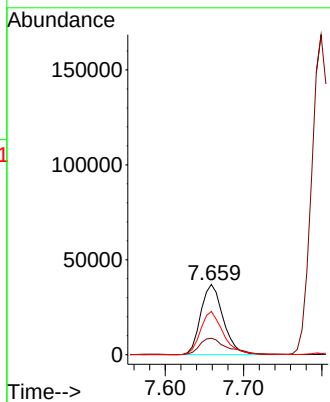
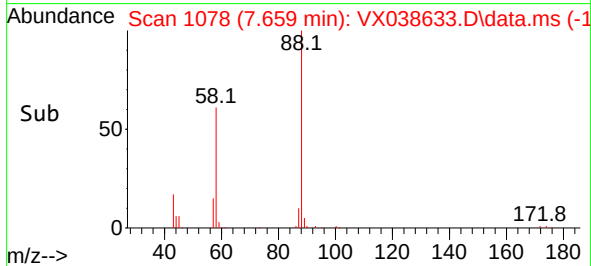
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 73948
Ion Ratio Lower Upper
88 100
43 29.3 0.0 0.0
58 62.4 60.1 90.1

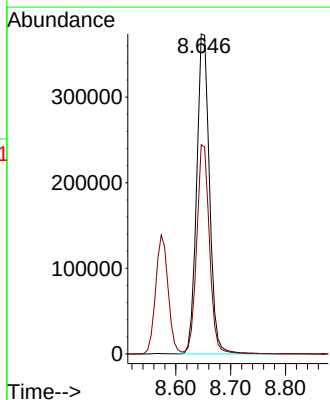
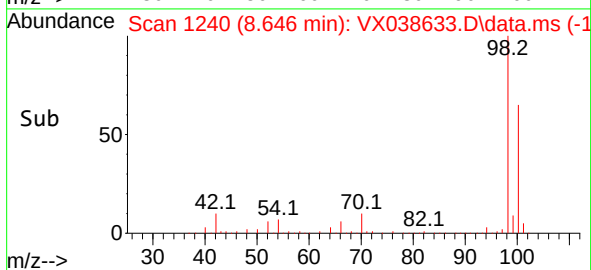
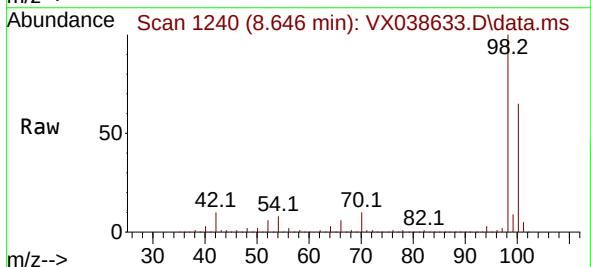
Manual Integrations
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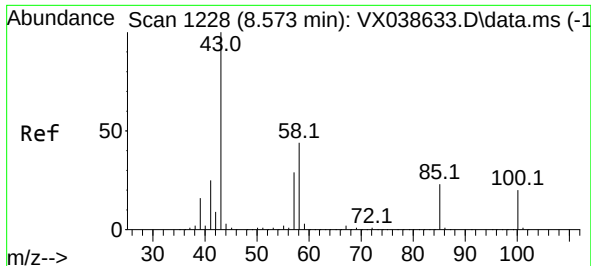
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#50
Toluene-d8
Concen: 48.641 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion: 98 Resp: 608658
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 252.783 ug/l

RT: 8.573 min Scan# 112294

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 112294

Ion Ratio Lower Upper

43 100

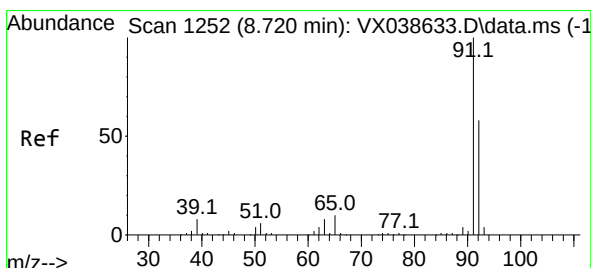
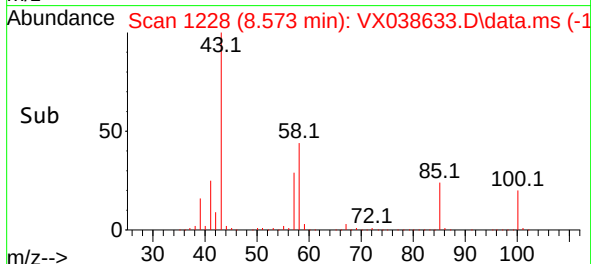
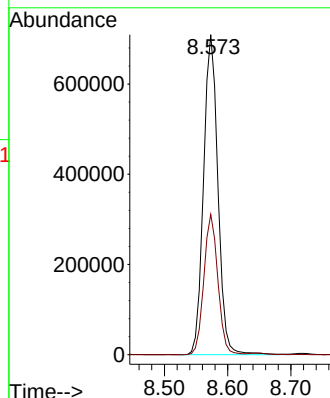
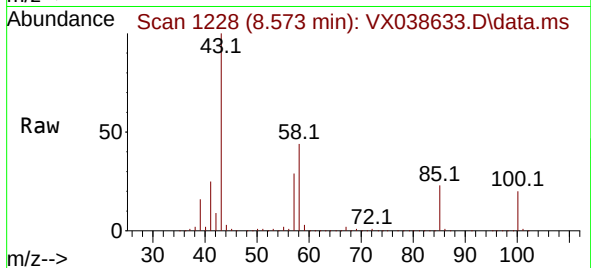
58 42.7 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#52

Toluene

Concen: 50.429 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038633.D

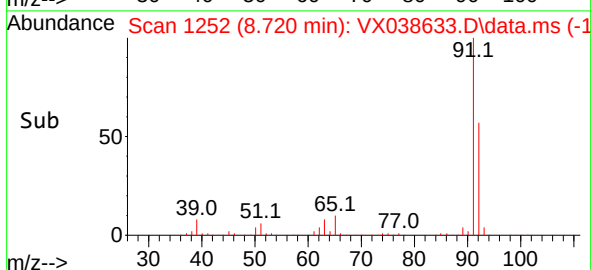
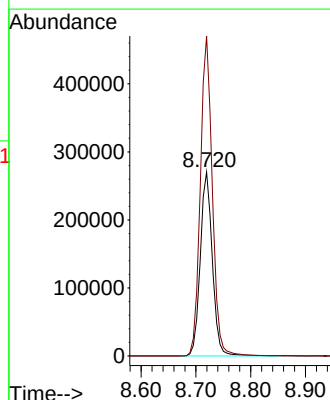
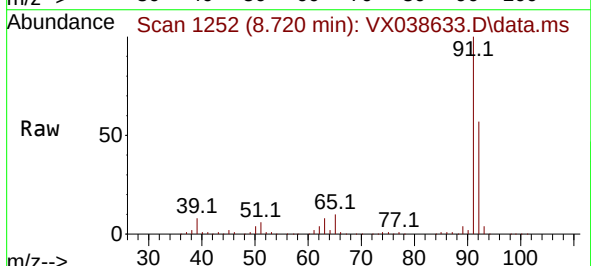
Acq: 07 Nov 2023 14:45

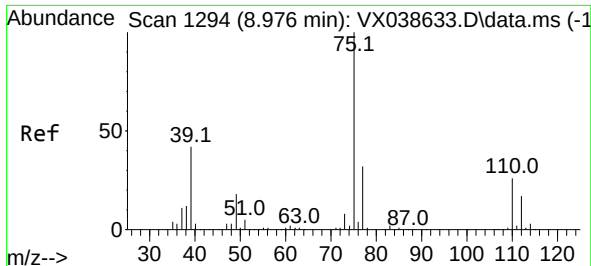
Tgt Ion: 92 Resp: 413318

Ion Ratio Lower Upper

92 100

91 173.4 134.2 201.2





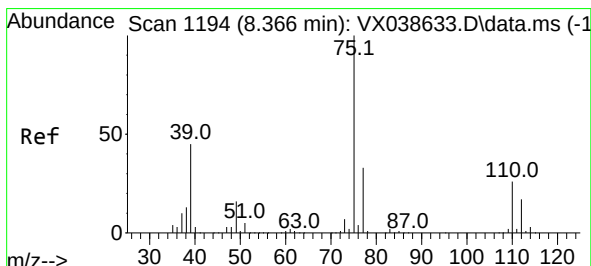
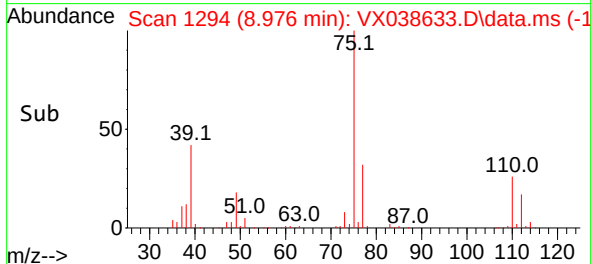
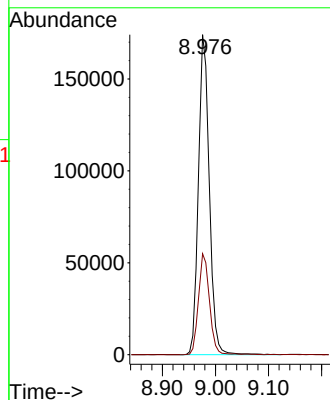
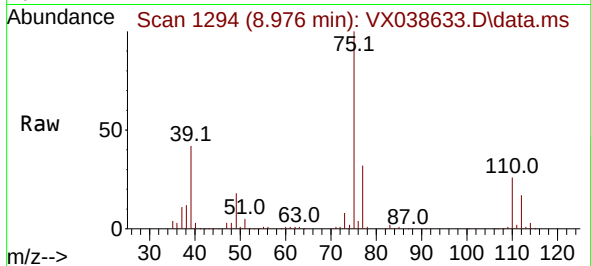
#53
t-1,3-Dichloropropene
Concen: 51.316 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 248519
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

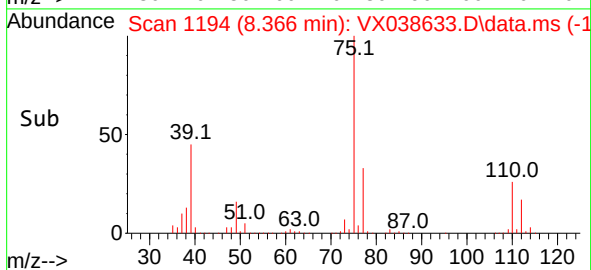
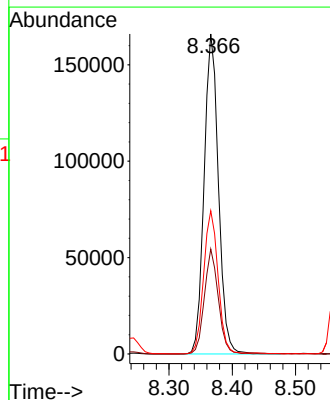
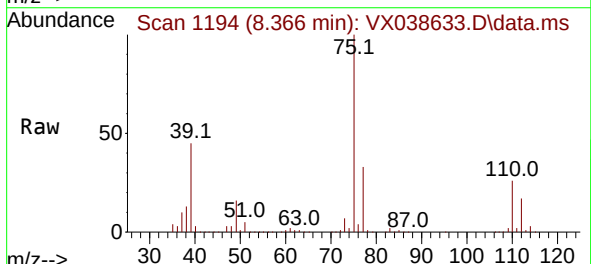
Manual Integrations
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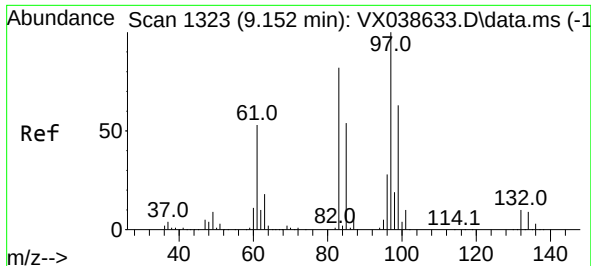
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#54
cis-1,3-Dichloropropene
Concen: 51.365 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

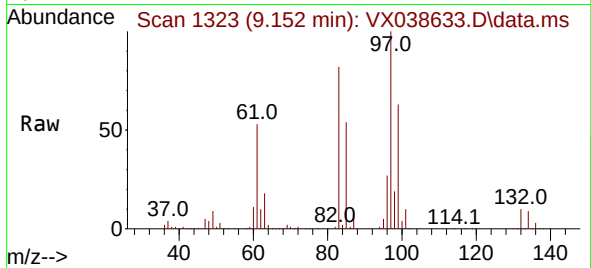
Tgt Ion: 75 Resp: 262602
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 44.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 50.555 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

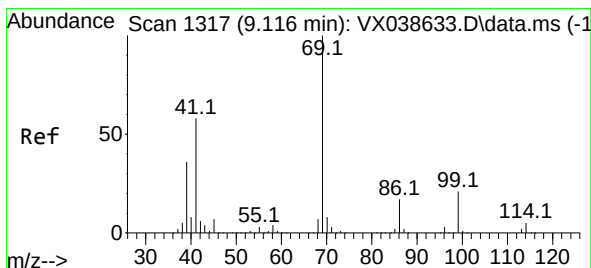
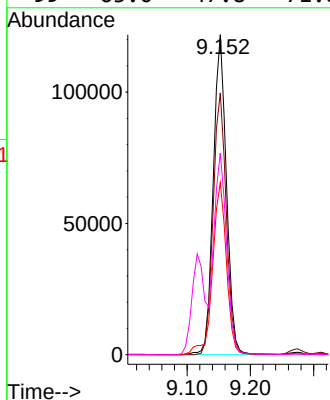
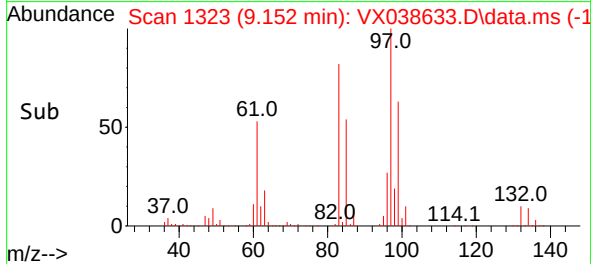
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.8	98.8
85	53.8	41.6	62.4
99	63.0	47.8	71.8

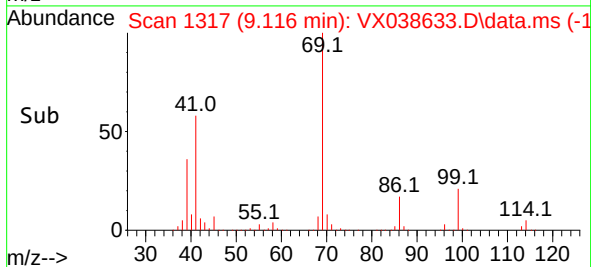
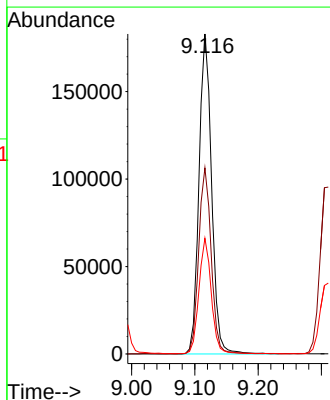
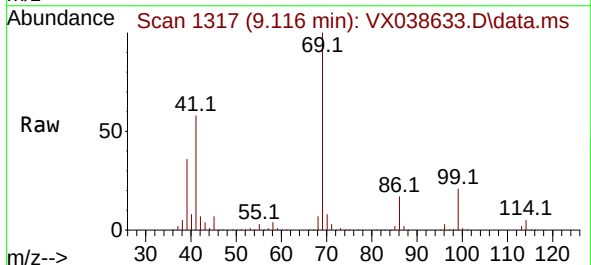
Manual Integrations
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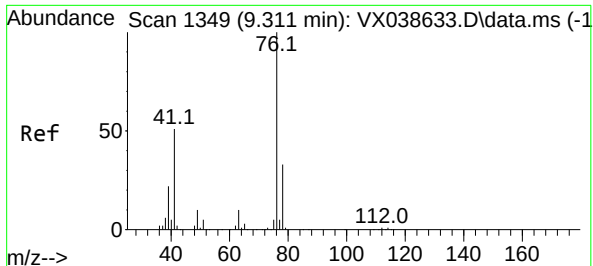
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#56
Ethyl methacrylate
Concen: 52.245 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.7	56.8	85.2
39	35.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.745 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 26944

Ion Ratio Lower Upper

76 100

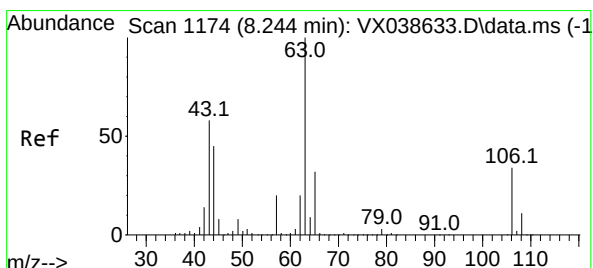
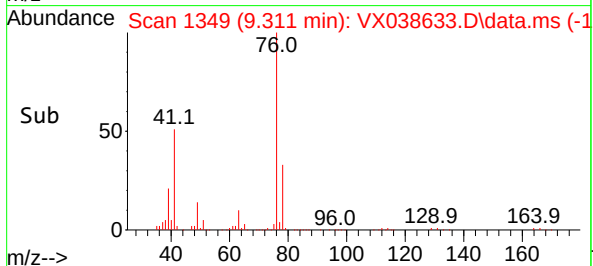
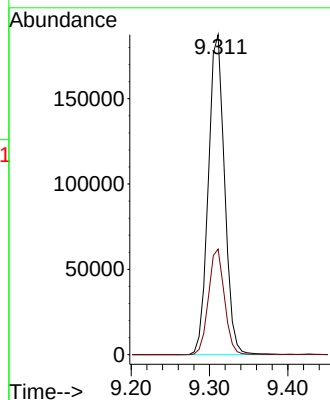
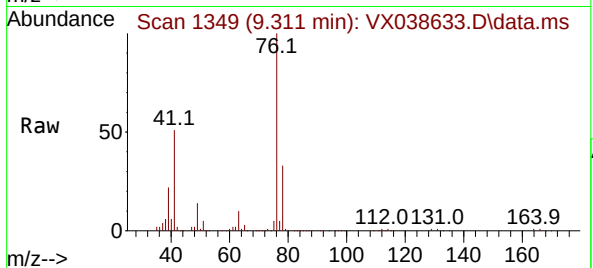
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.493 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038633.D

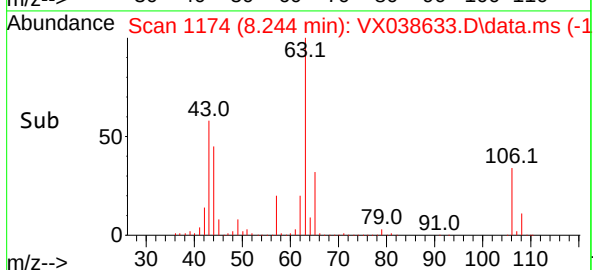
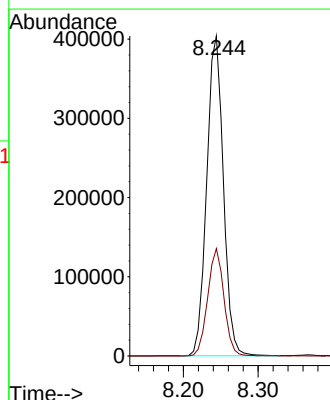
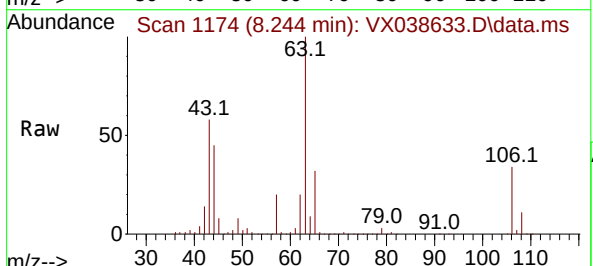
Acq: 07 Nov 2023 14:45

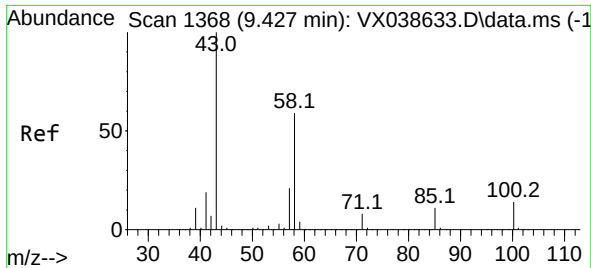
Tgt Ion: 63 Resp: 625549

Ion Ratio Lower Upper

63 100

106 32.9 22.5 33.7





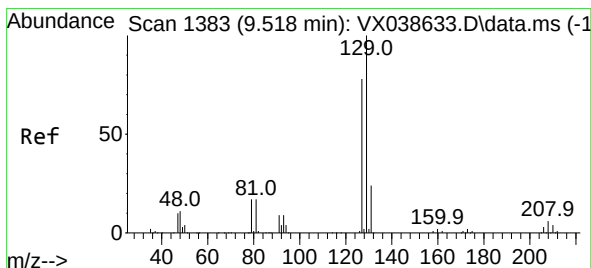
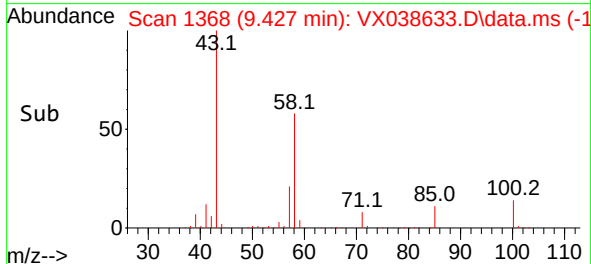
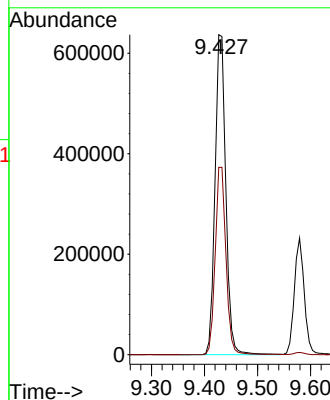
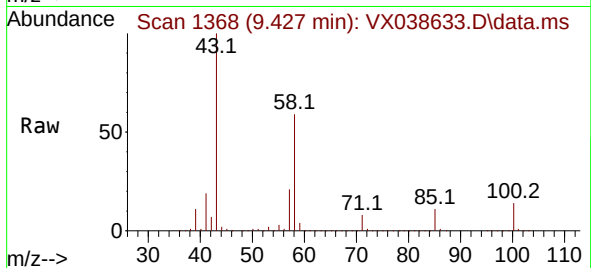
#59
2-Hexanone
Concen: 250.484 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 900354
Ion Ratio Lower Upper
43 100
58 58.4 26.2 78.5

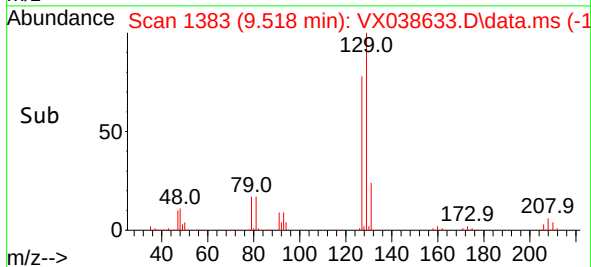
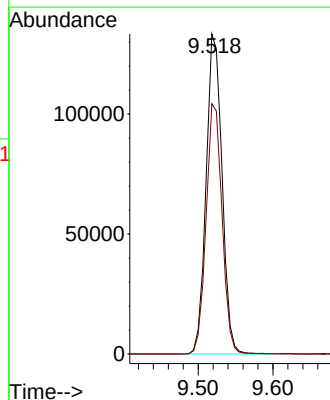
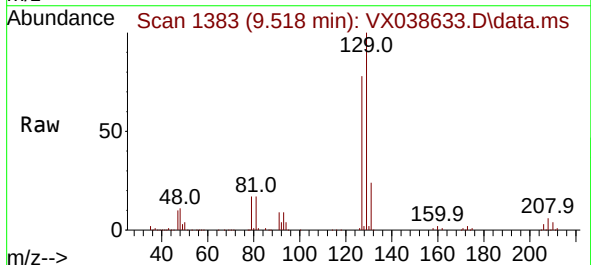
Manual Integrations
APPROVED

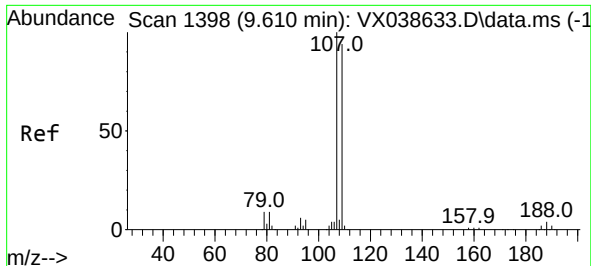
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#60
Dibromochloromethane
Concen: 50.414 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

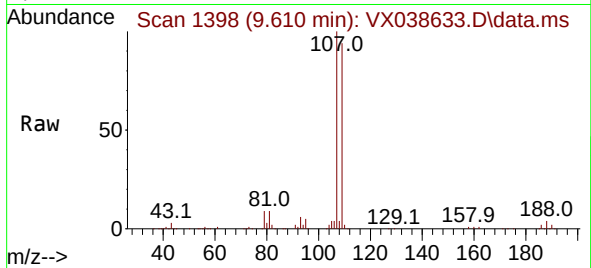
Tgt Ion:129 Resp: 196803
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.340 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

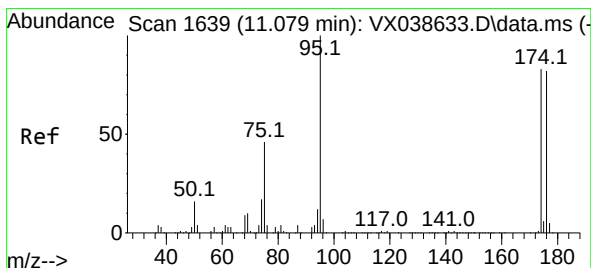
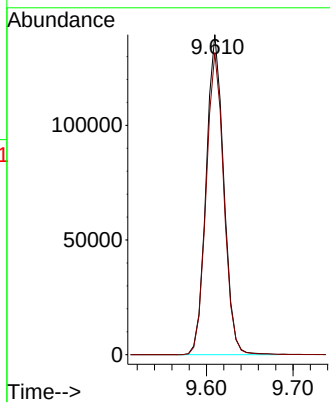
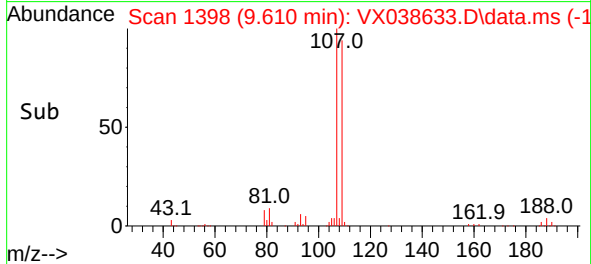
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



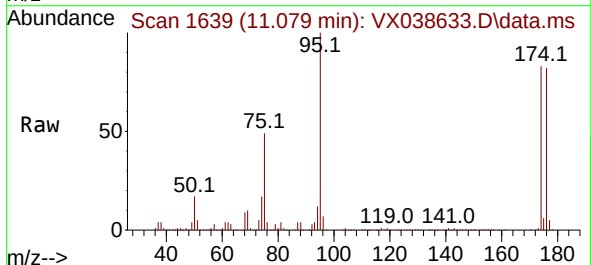
Tgt Ion:107 Resp: 196740
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

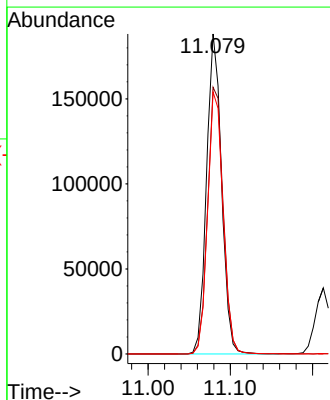
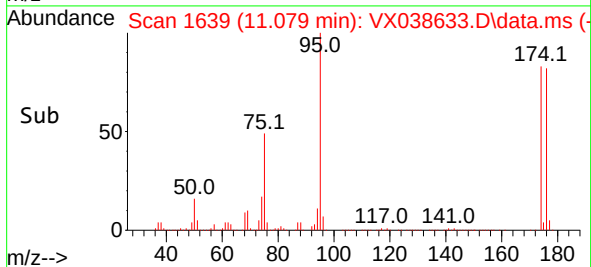
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

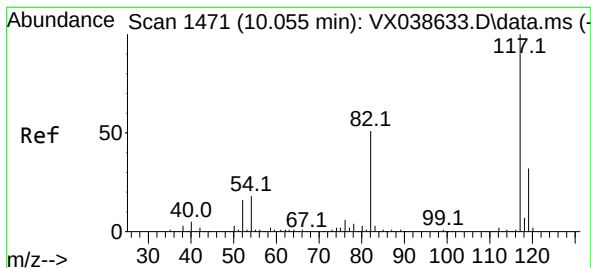


#62
4-Bromofluorobenzene
Concen: 48.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



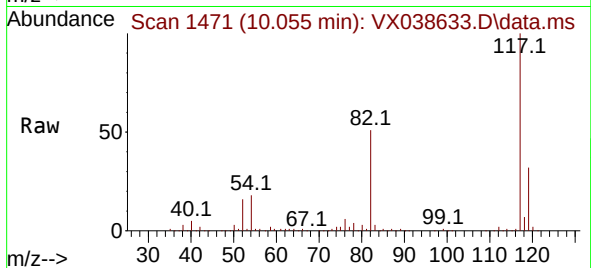
Tgt Ion: 95 Resp: 237403
Ion Ratio Lower Upper
95 100
174 87.2 0.0 135.6
176 84.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

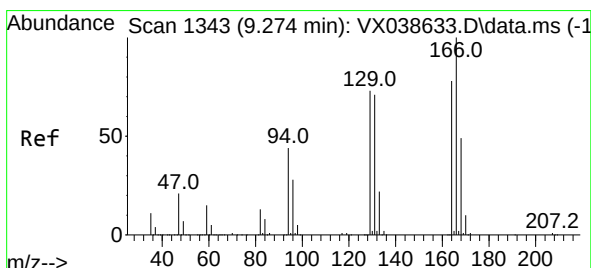
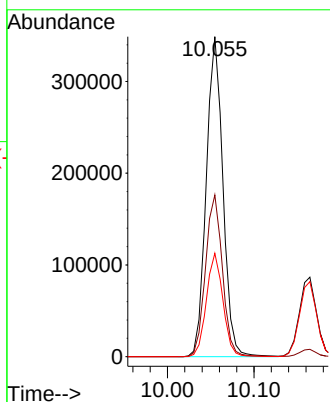
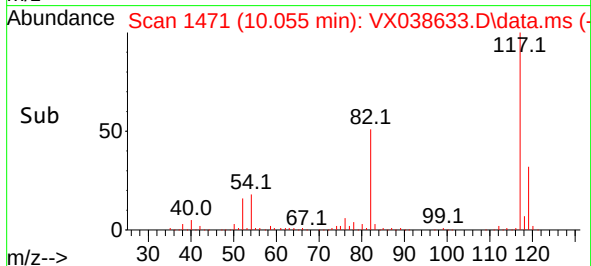
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 466090
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 32.3 25.5 38.3

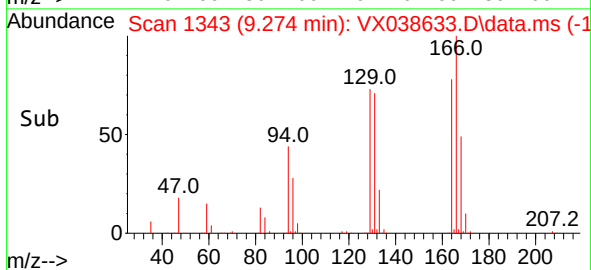
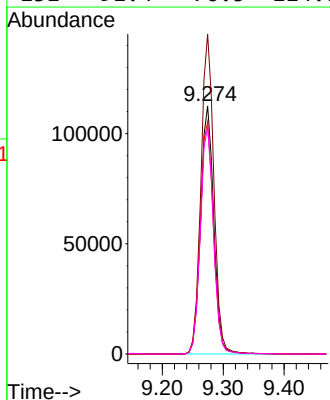
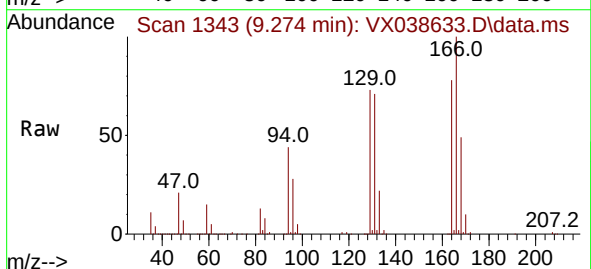
Manual Integrations
APPROVED

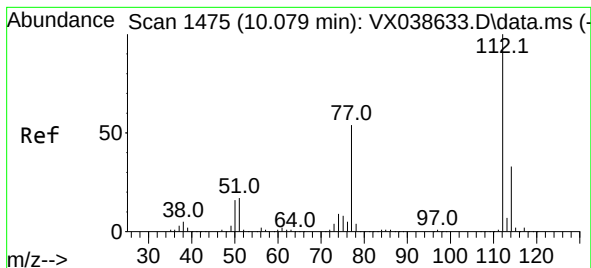
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 48.301 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

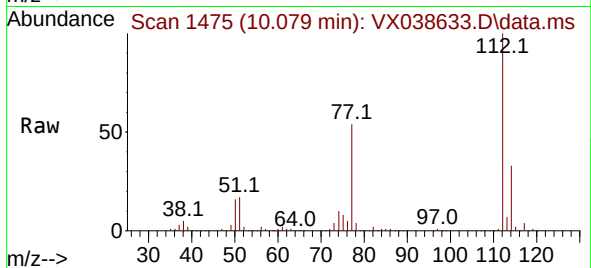
Tgt Ion:164 Resp: 168516
Ion Ratio Lower Upper
164 100
166 129.0 102.7 154.1
129 93.6 80.4 120.6
131 91.4 76.5 114.7





#65
Chlorobenzene
Concen: 49.569 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

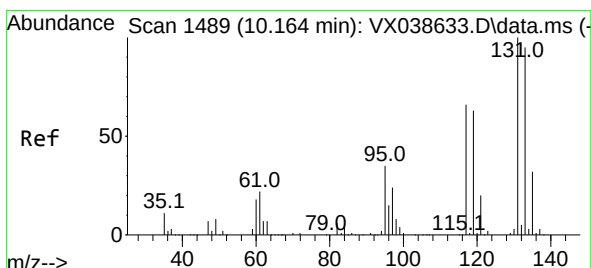
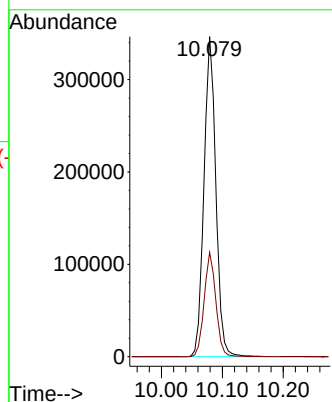
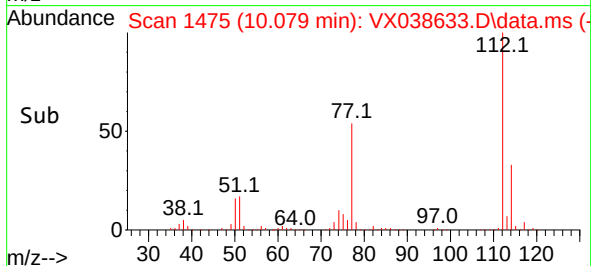
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



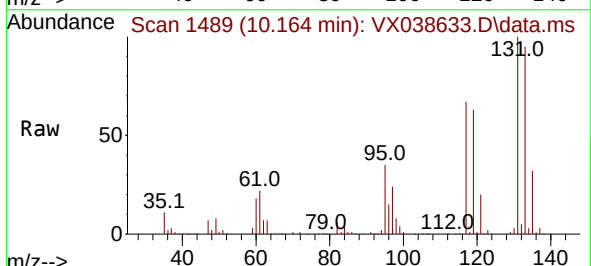
Tgt Ion:112 Resp: 47032
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

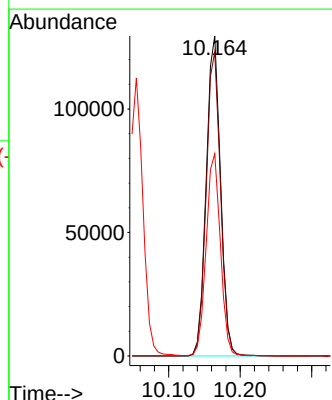
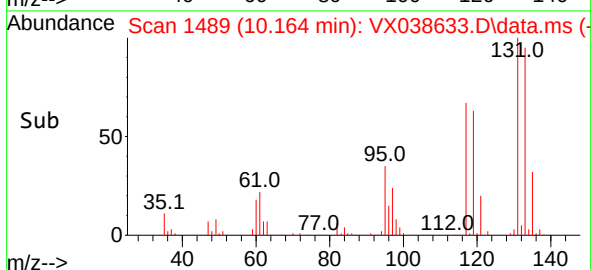
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

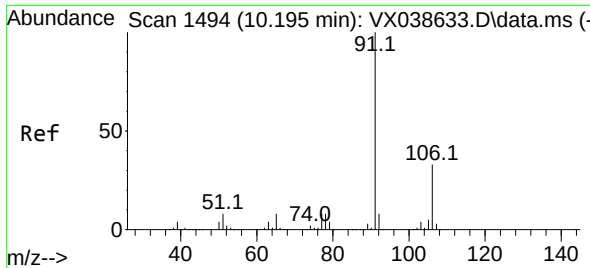


#66
1,1,1,2-Tetrachloroethane
Concen: 50.536 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



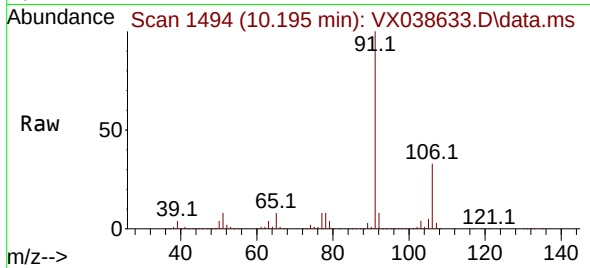
Tgt Ion:131 Resp: 180255
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.2 32.2 96.6





#67
Ethyl Benzene
Concen: 50.113 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

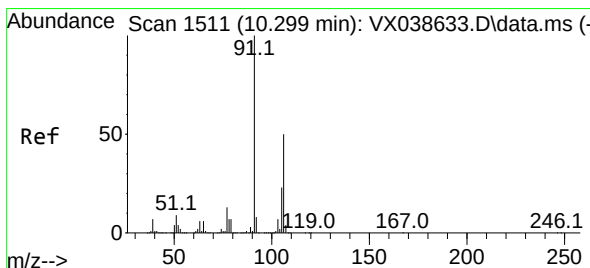
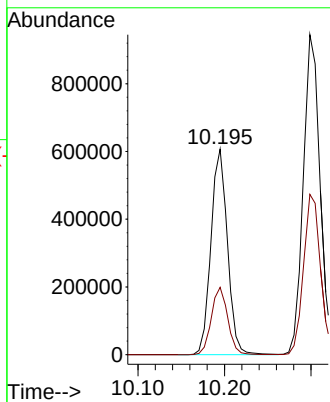
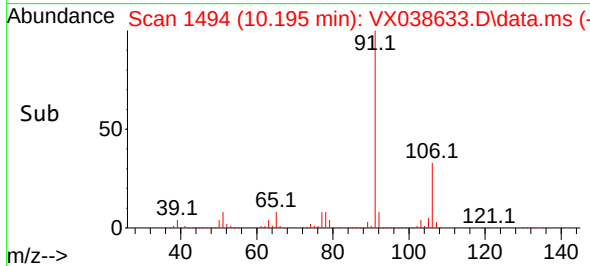
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



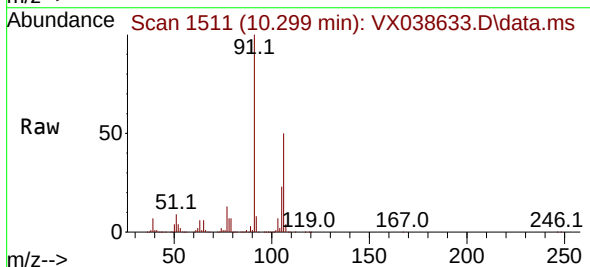
Tgt Ion: 91 Resp: 804285
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
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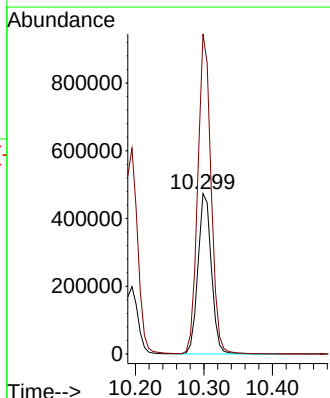
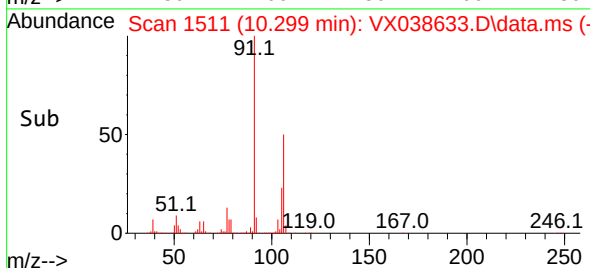
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

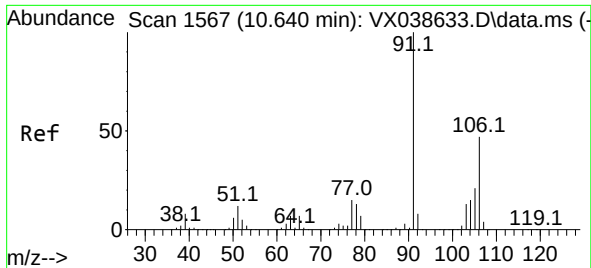


#68
m/p-Xylenes
Concen: 101.395 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



Tgt Ion:106 Resp: 645867
Ion Ratio Lower Upper
106 100
91 197.3 165.5 248.3





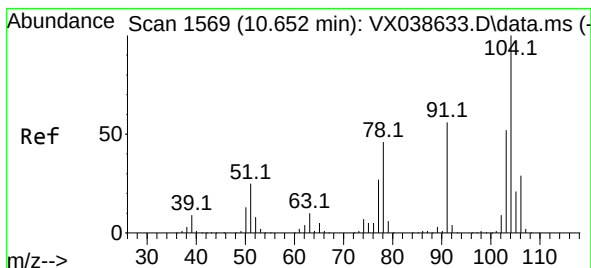
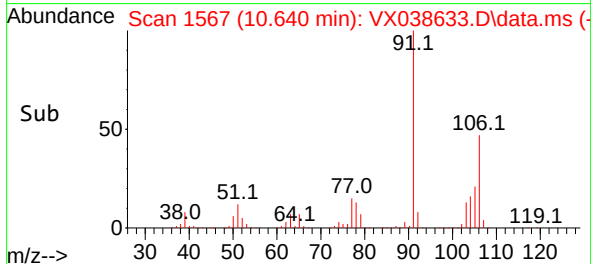
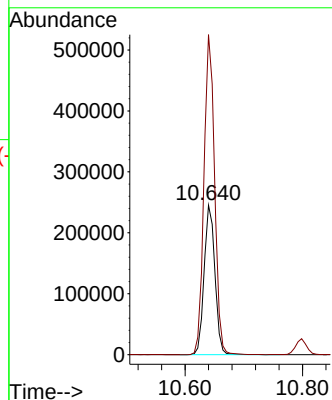
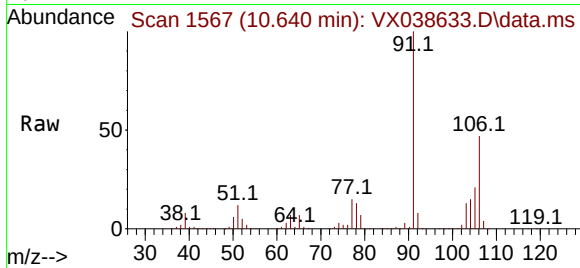
#69
o-Xylene
Concen: 50.620 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 313562
Ion Ratio Lower Upper
106 100
91 211.1 108.9 326.8

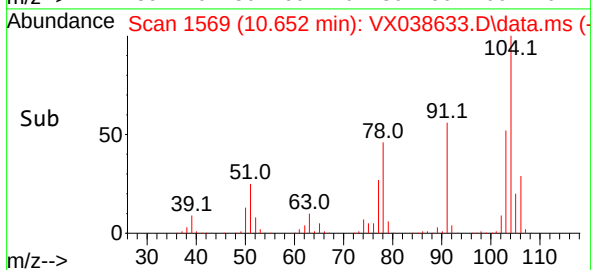
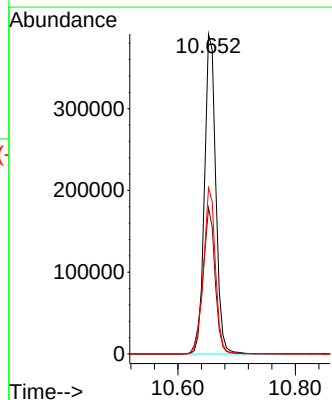
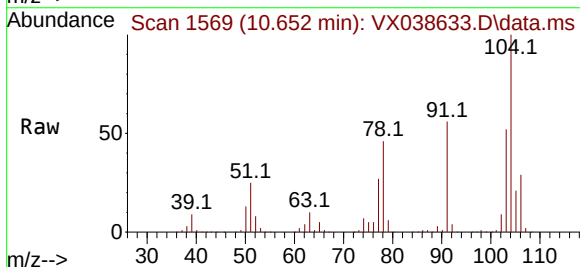
Manual Integrations
APPROVED

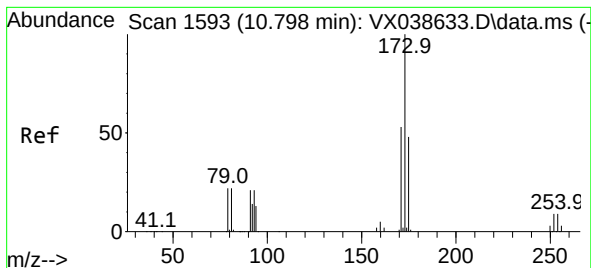
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 51.178 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion:104 Resp: 523211
Ion Ratio Lower Upper
104 100
78 49.1 43.6 65.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 51.031 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 160650

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

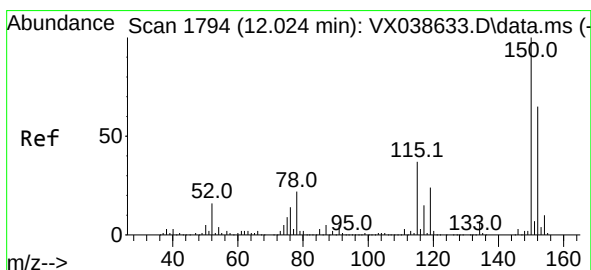
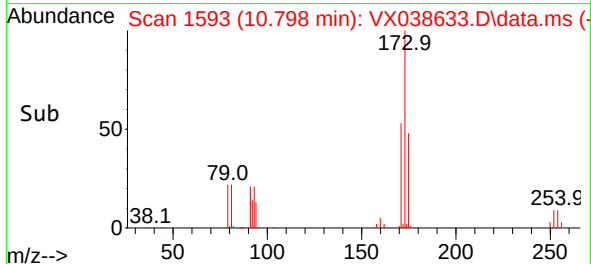
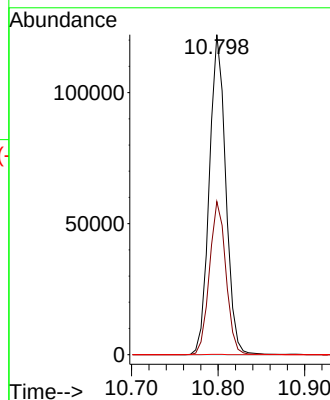
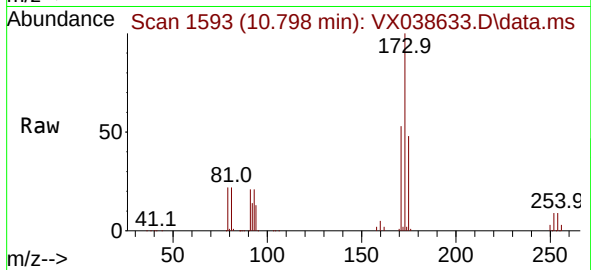
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

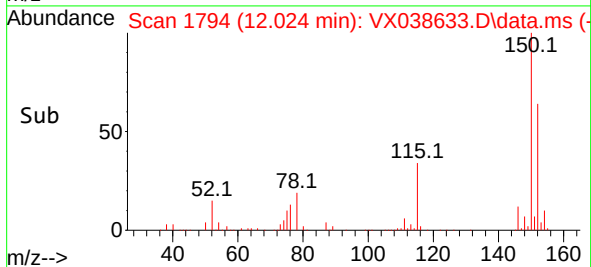
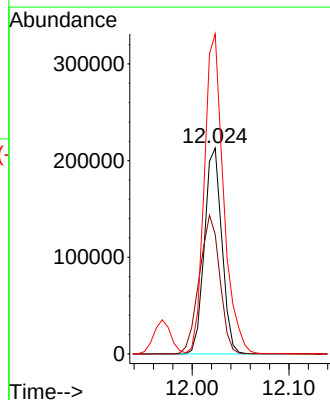
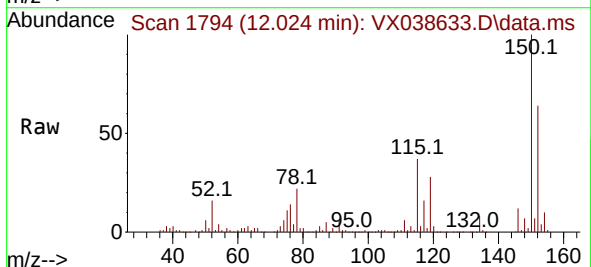
Tgt Ion:152 Resp: 267376

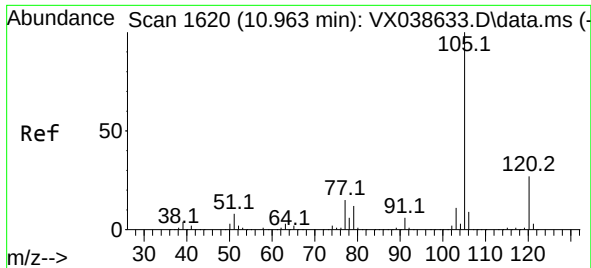
Ion Ratio Lower Upper

152 100

115 79.2 43.3 129.9

150 171.2 0.0 345.0





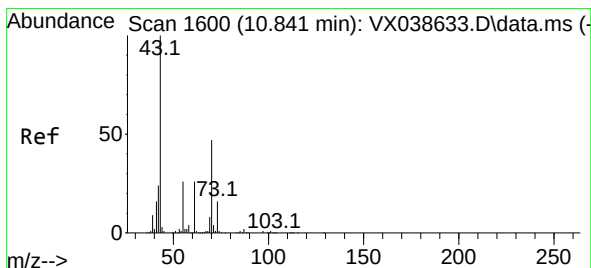
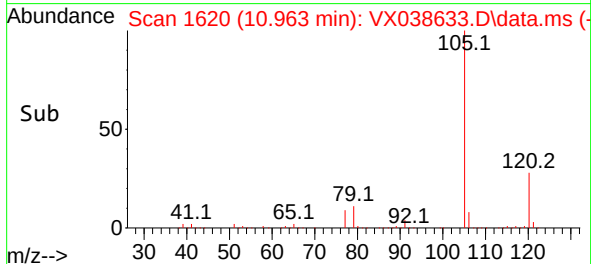
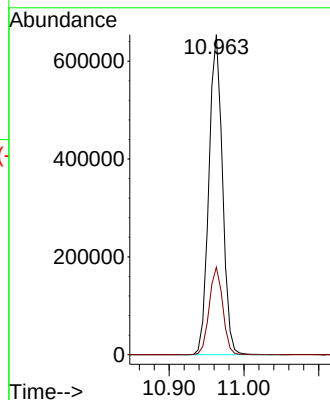
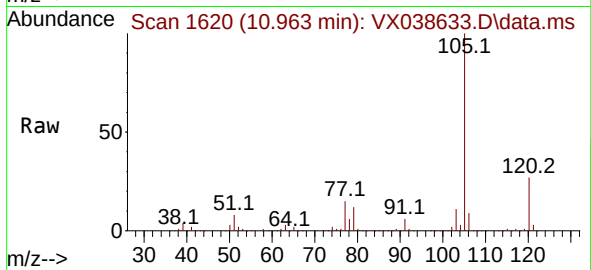
#73
Isopropylbenzene
Concen: 50.137 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 82241
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6

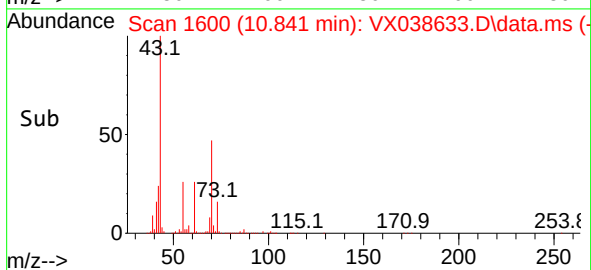
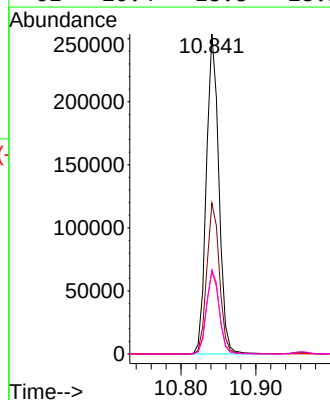
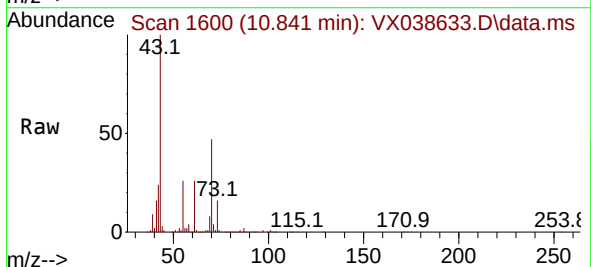
Manual Integrations
APPROVED

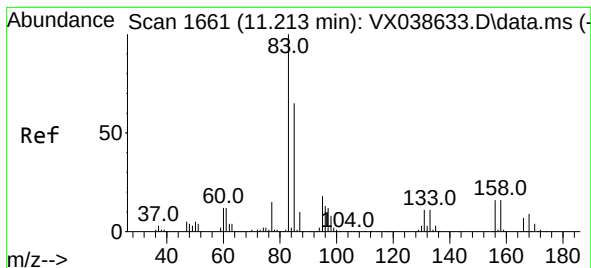
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#74
N-ethyl acetate
Concen: 51.706 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

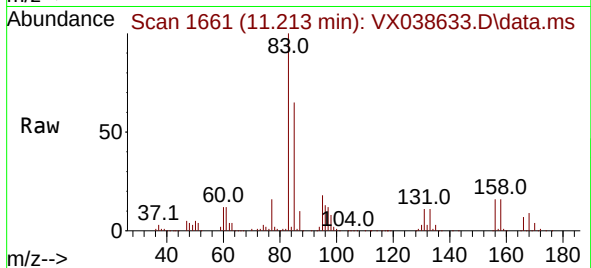
Tgt Ion: 43 Resp: 294696
Ion Ratio Lower Upper
43 100
70 47.6 32.9 49.3
55 26.4 19.3 28.9
61 26.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.281 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

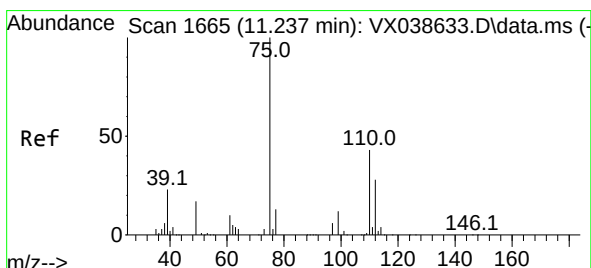
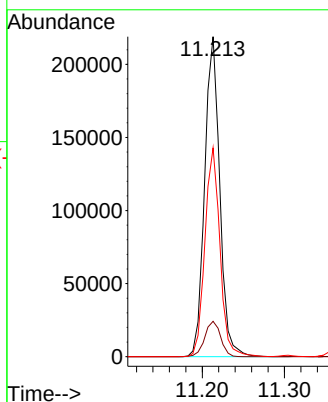
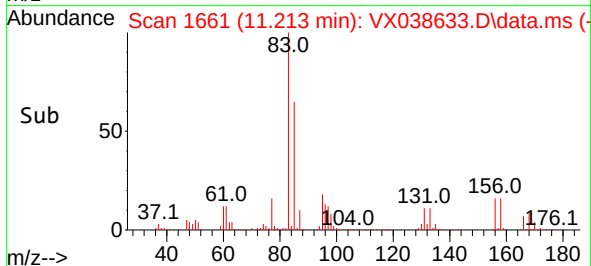
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



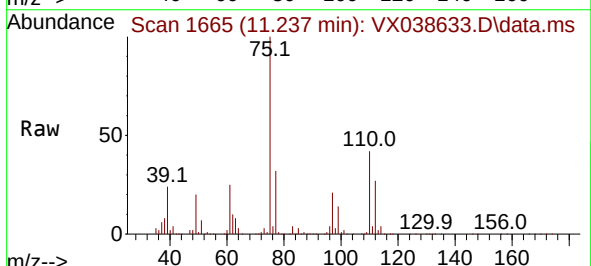
Tgt Ion: 83 Resp: 27946
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 65.2 32.0 96.2

Manual Integrations
APPROVED

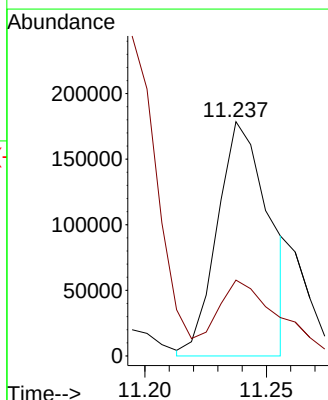
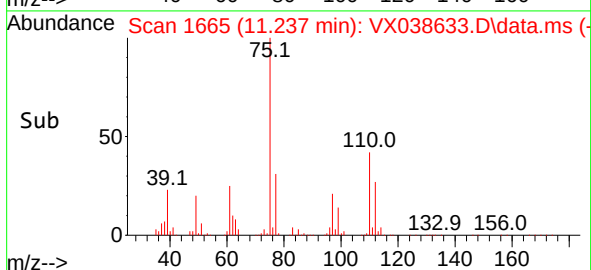
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

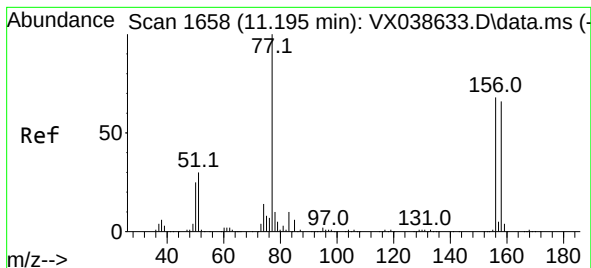


#76
1,2,3-Trichloropropane
Concen: 49.635 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



Tgt Ion: 75 Resp: 262835
Ion Ratio Lower Upper
75 100
77 38.9 19.1 57.5





#77

Bromobenzene

Concen: 49.146 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

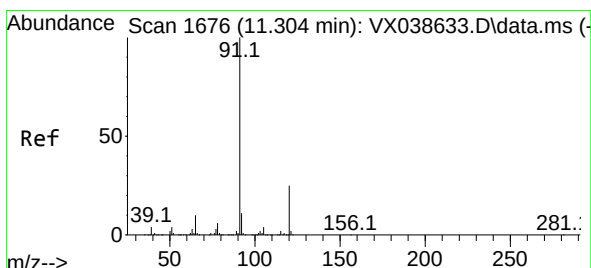
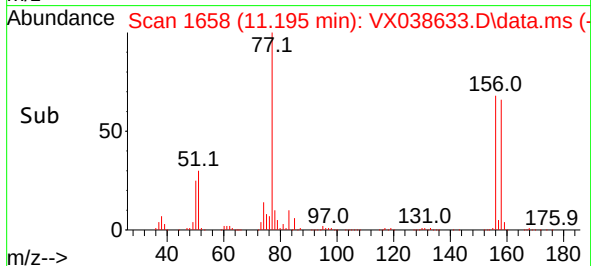
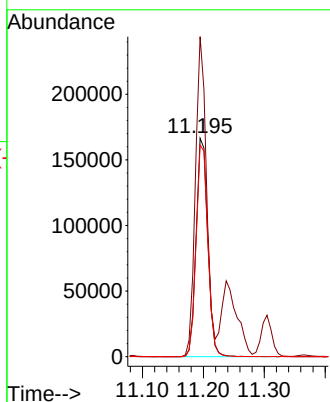
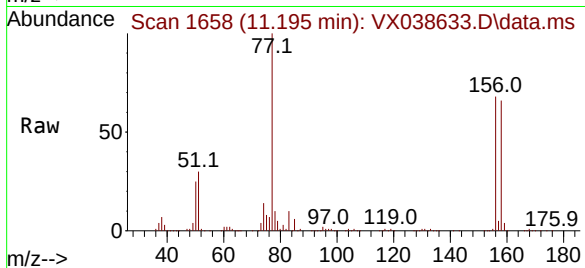
Tgt Ion:	156	Resp:	221252
Ion Ratio	Lower	Upper	
156	100		
77	138.8	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#78

n-propylbenzene

Concen: 50.482 ug/l

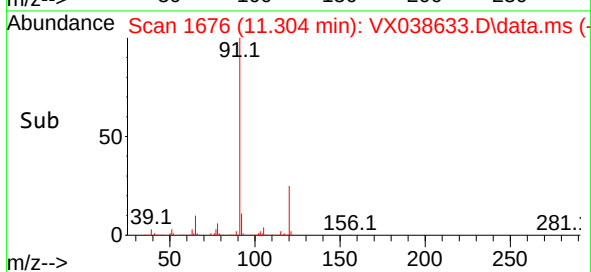
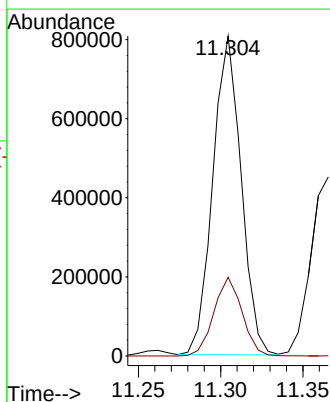
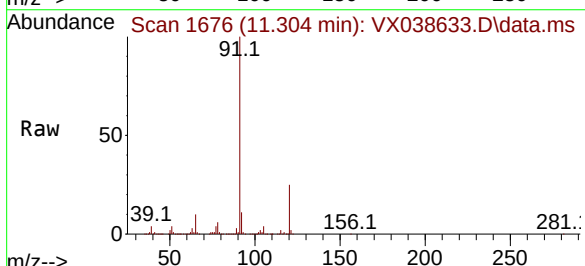
RT: 11.304 min Scan# 1676

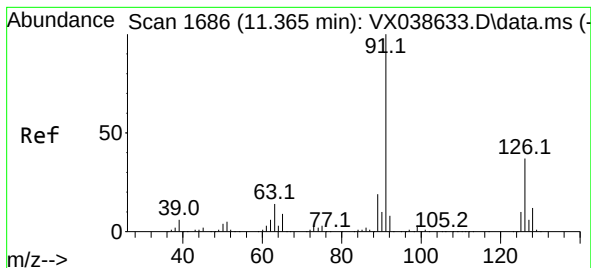
Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Tgt Ion:	91	Resp:	963617
Ion Ratio	Lower	Upper	
91	100		
120	24.6	11.5	34.4





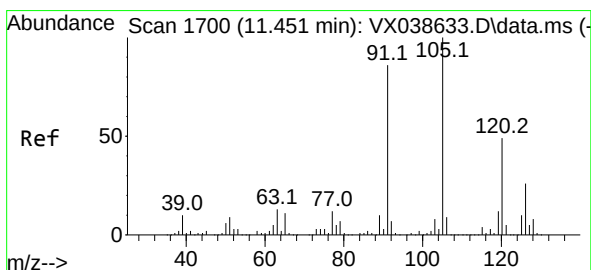
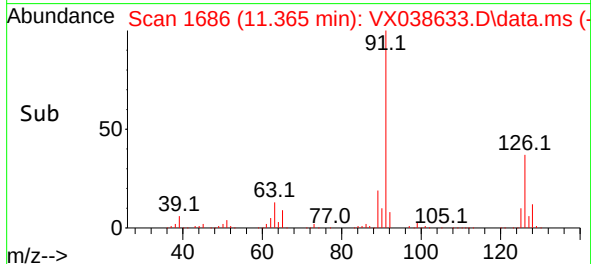
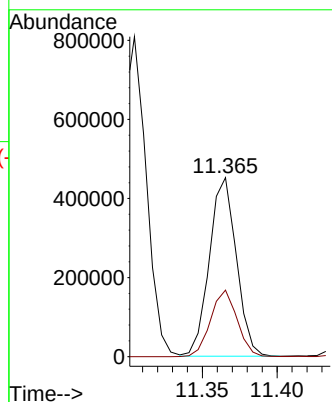
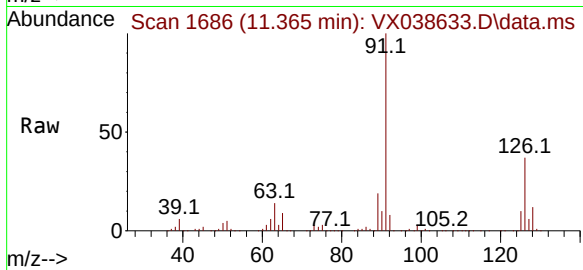
#79
2-Chlorotoluene
Concen: 49.573 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 56653
Ion Ratio Lower Upper
91 100
126 36.8 16.3 48.8

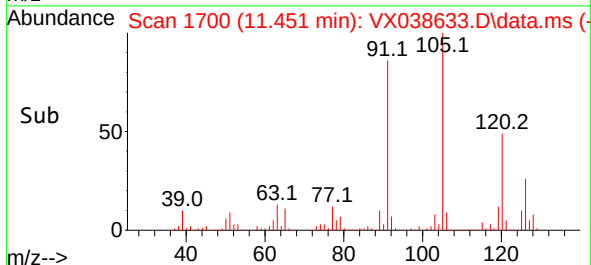
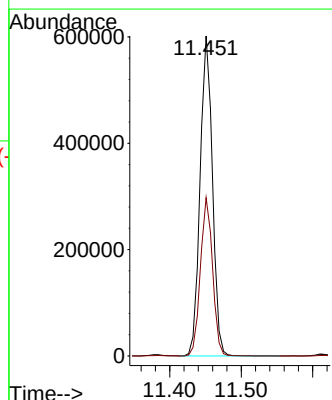
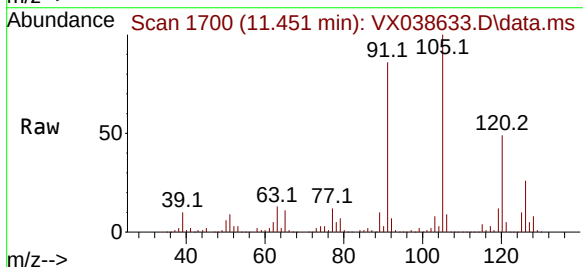
Manual Integrations
APPROVED

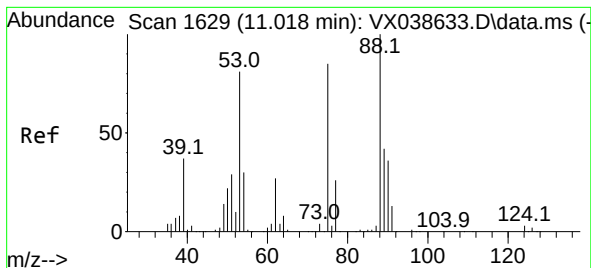
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.823 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion:105 Resp: 717500
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





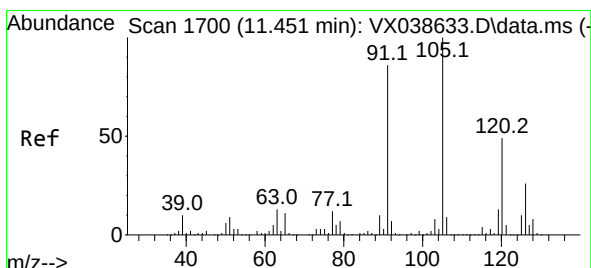
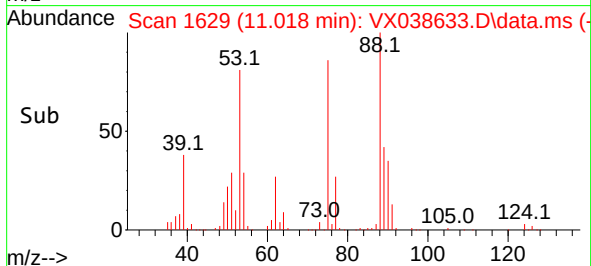
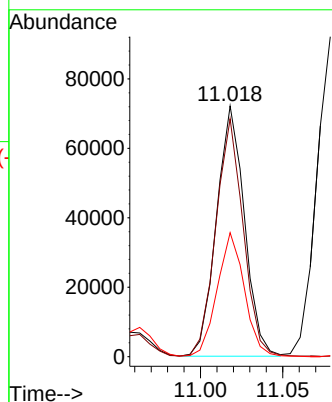
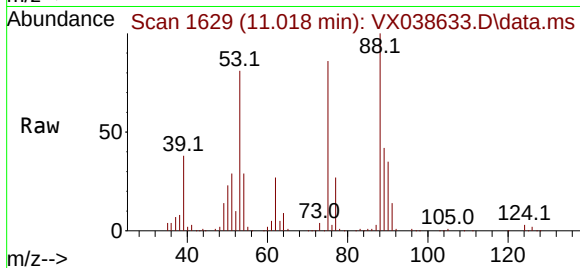
#81
trans-1,4-Dichloro-2-butene
Concen: 50.327 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 8525
Ion Ratio Lower Upper
75 100
53 92.8 90.5 135.7
89 48.3 36.9 55.3

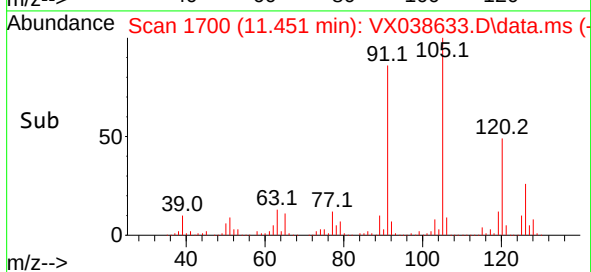
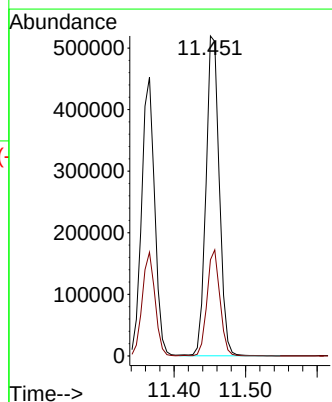
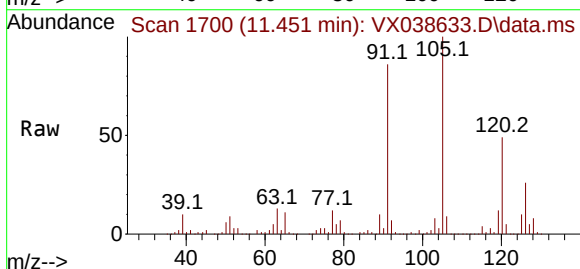
Manual Integrations
APPROVED

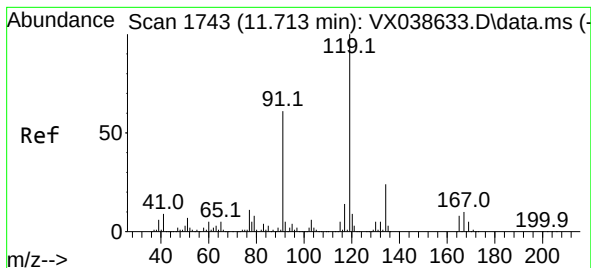
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#82
4-Chlorotoluene
Concen: 50.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion: 91 Resp: 671364
Ion Ratio Lower Upper
91 100
126 32.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.063 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

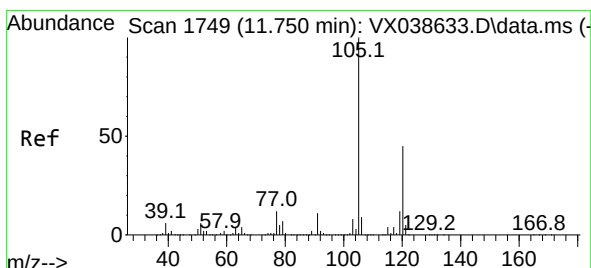
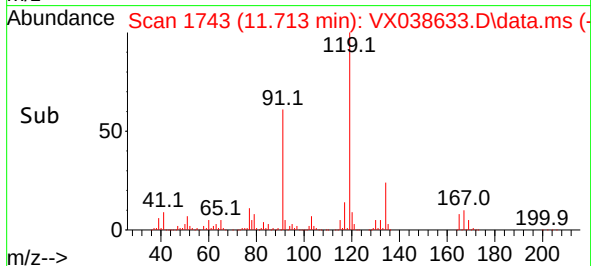
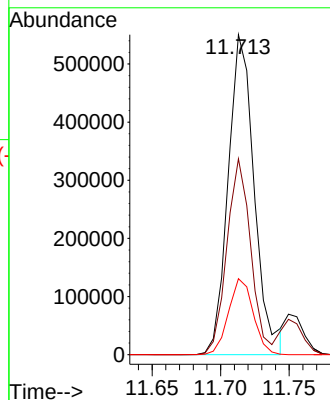
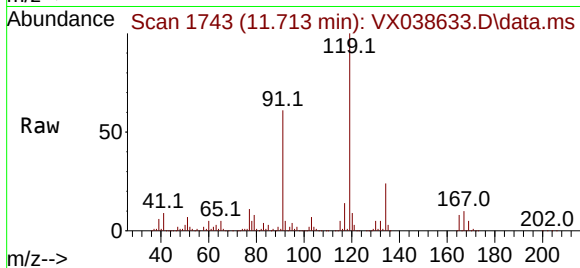
Tgt Ion:	119	Resp:	730464
Ion Ratio	Lower	Upper	
119	100		
91	56.0	31.2	93.6
134	22.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.069 ug/l

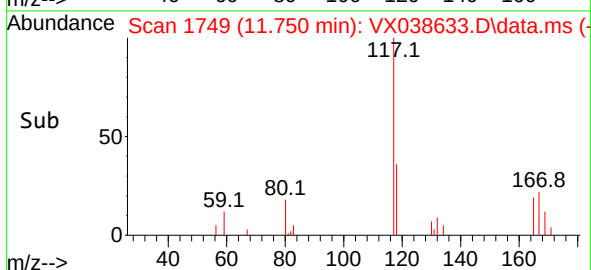
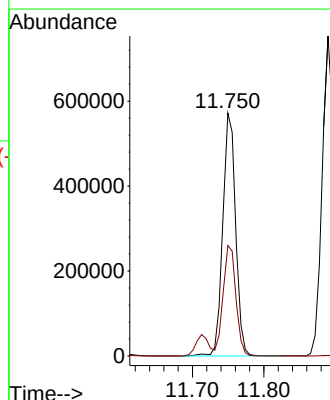
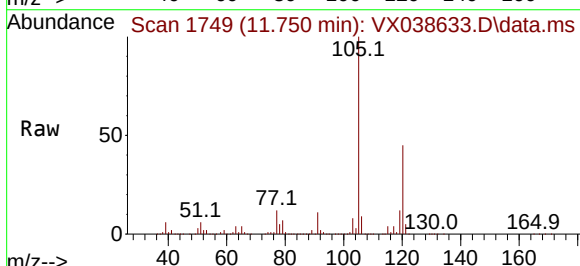
RT: 11.750 min Scan# 1749

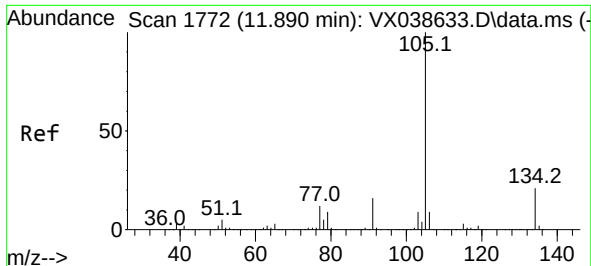
Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

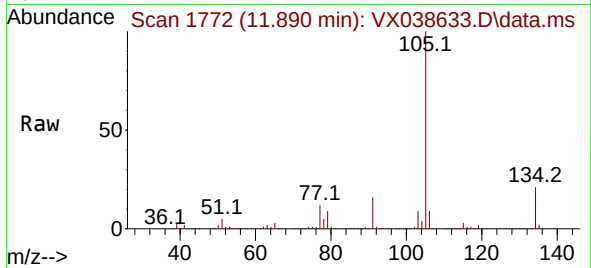
Tgt Ion:	105	Resp:	715076
Ion Ratio	Lower	Upper	
105	100		
120	45.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 50.383 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038633.D
 Acq: 07 Nov 2023 14:45

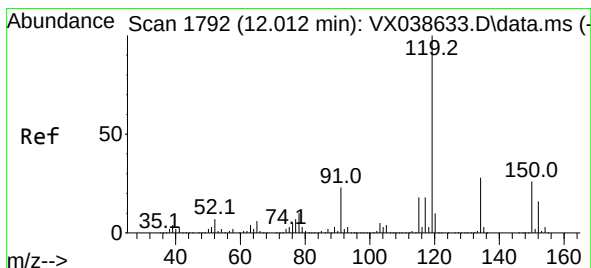
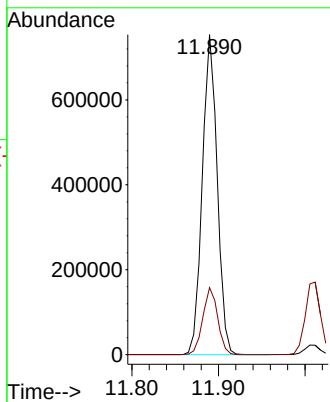
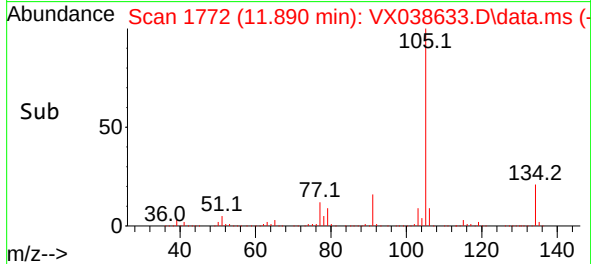
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



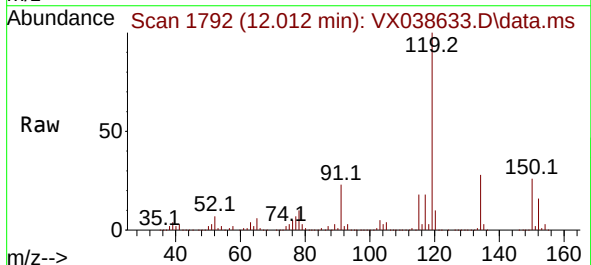
Tgt Ion:105 Resp: 89931
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.4

Manual Integrations
 APPROVED

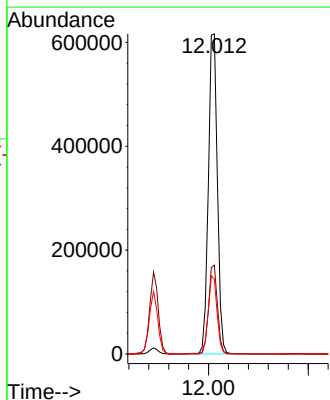
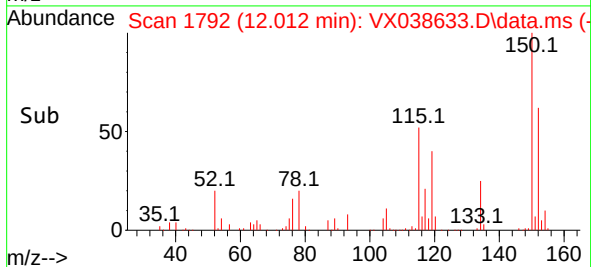
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

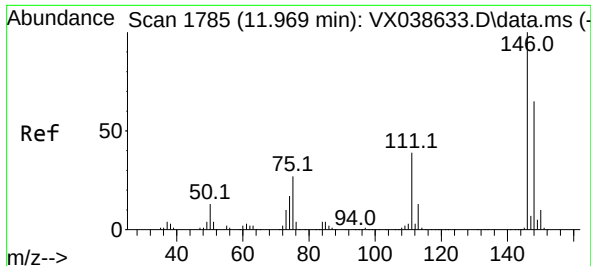


#86
 p-Isopropyltoluene
 Concen: 50.804 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038633.D
 Acq: 07 Nov 2023 14:45



Tgt Ion:119 Resp: 772518
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 23.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.100 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 42261

Ion Ratio Lower Upper

146 100

111 39.4 22.1 66.1

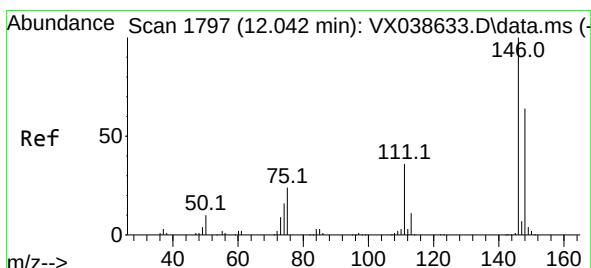
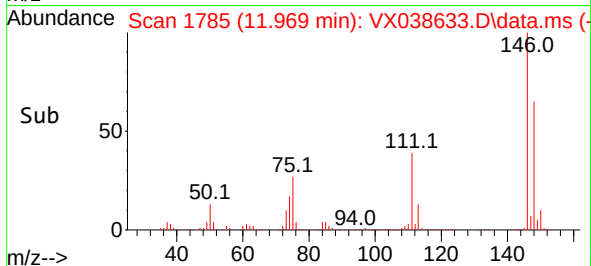
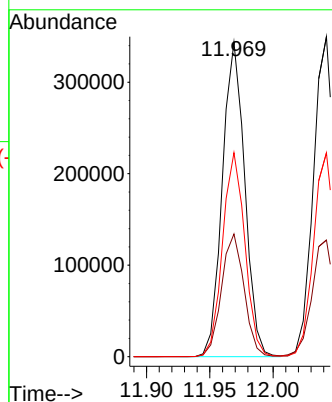
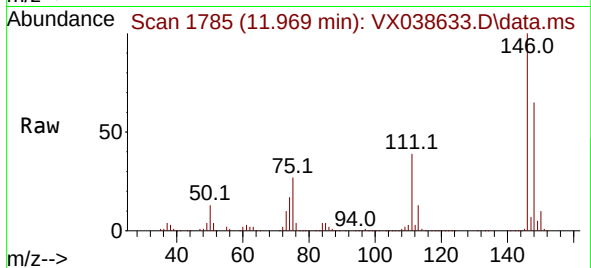
148 64.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#88

1,4-Dichlorobenzene

Concen: 48.583 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

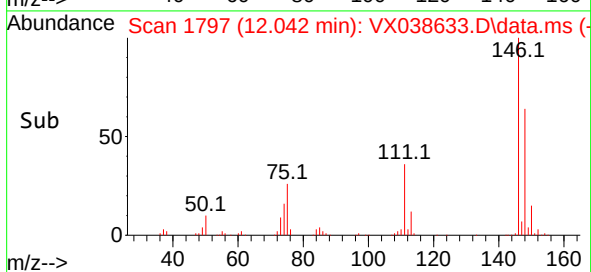
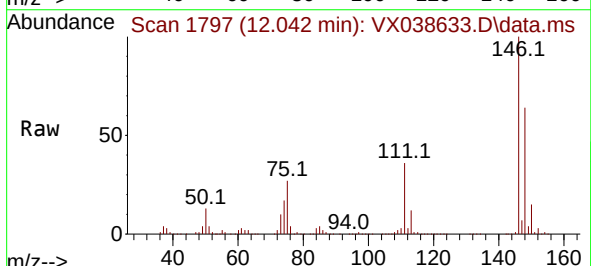
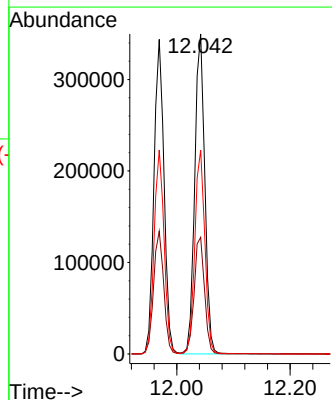
Tgt Ion:146 Resp: 429811

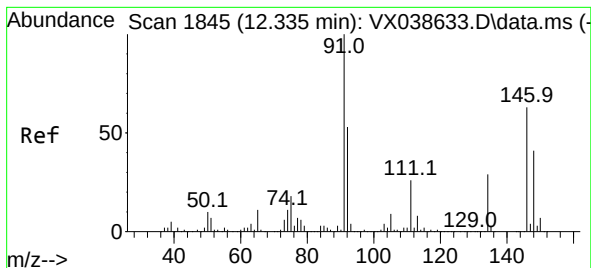
Ion Ratio Lower Upper

146 100

111 37.9 21.3 63.7

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 50.341 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 68117

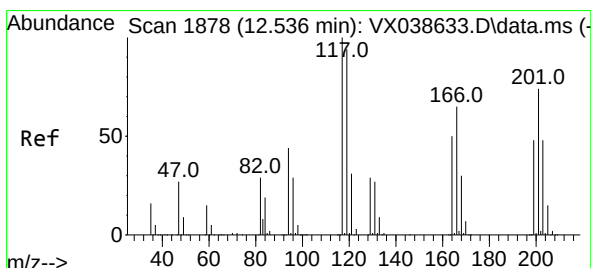
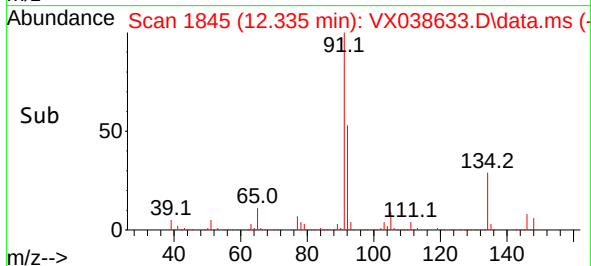
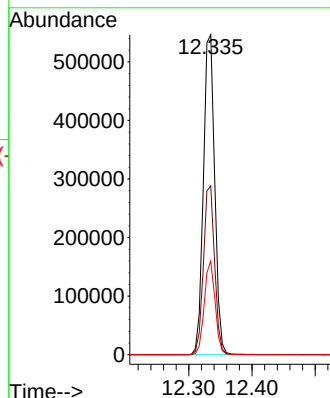
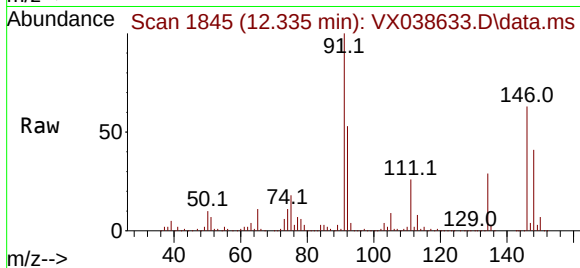
Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.4	82.0
134	28.0	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 51.087 ug/l

RT: 12.536 min Scan# 1878

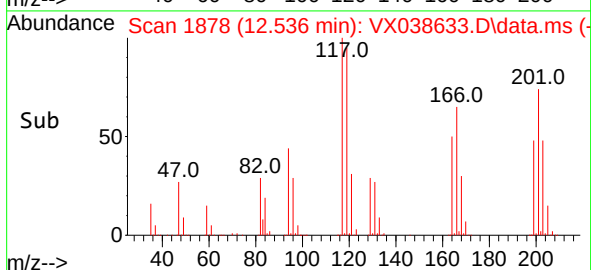
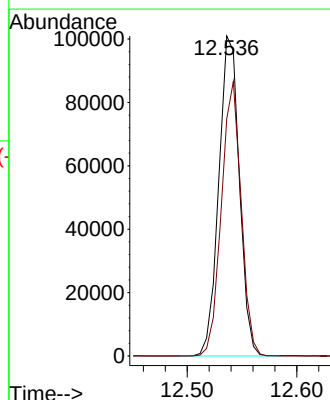
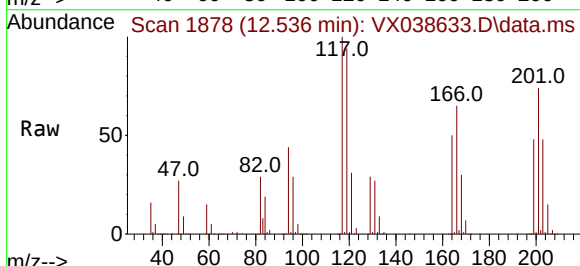
Delta R.T. 0.000 min

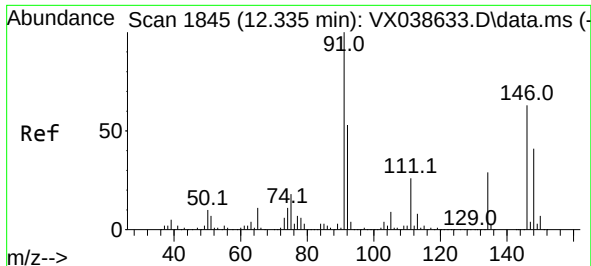
Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Tgt Ion:117 Resp: 131581

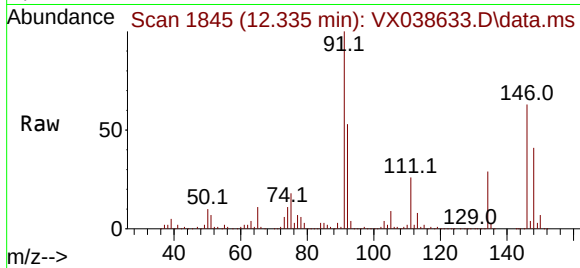
Ion	Ratio	Lower	Upper
117	100		
201	82.3	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 49.380 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

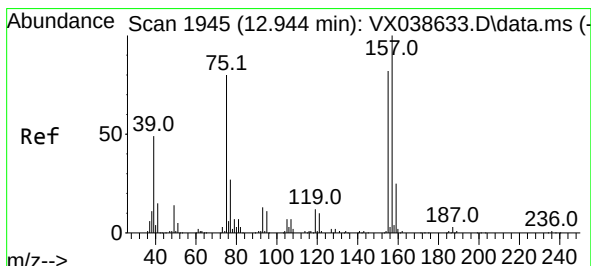
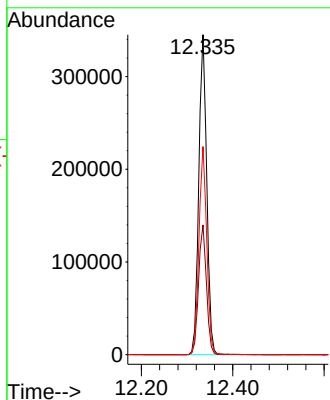
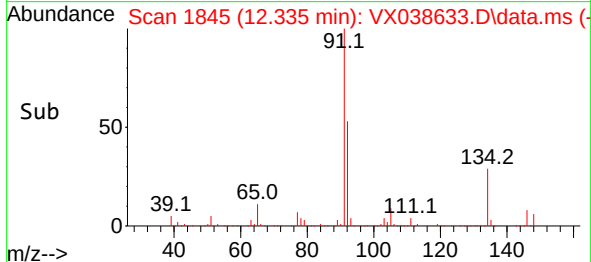
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



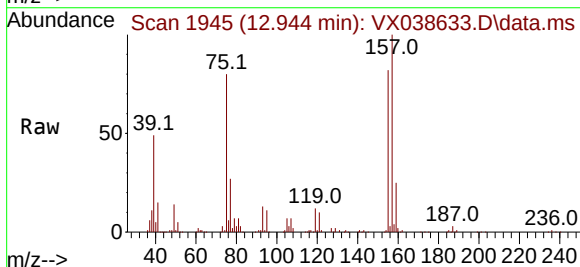
Tgt Ion:146 Resp: 41508
Ion Ratio Lower Upper
146 100
111 40.5 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

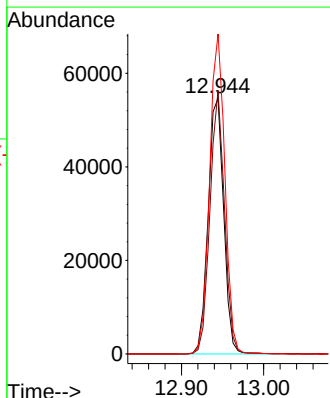
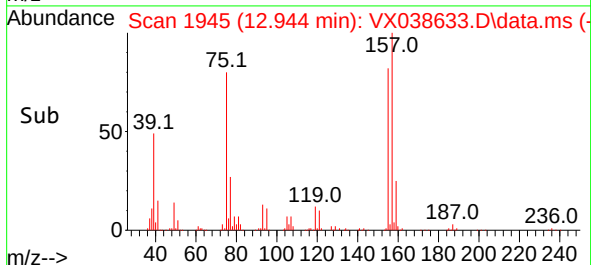
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

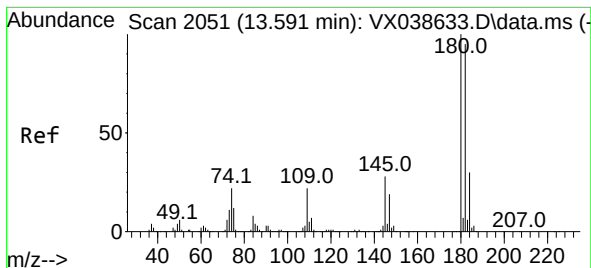


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.241 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45



Tgt Ion: 75 Resp: 71607
Ion Ratio Lower Upper
75 100
155 96.6 36.1 108.5
157 123.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.543 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 29786

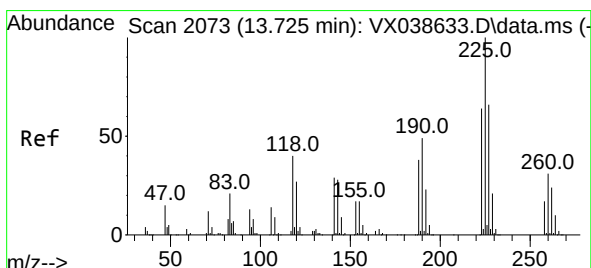
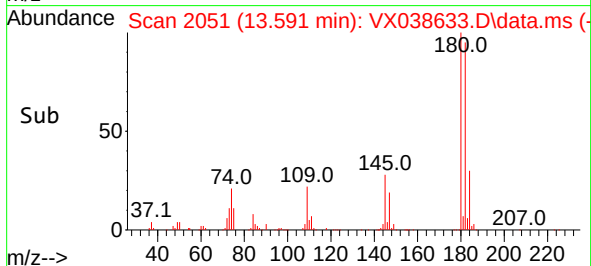
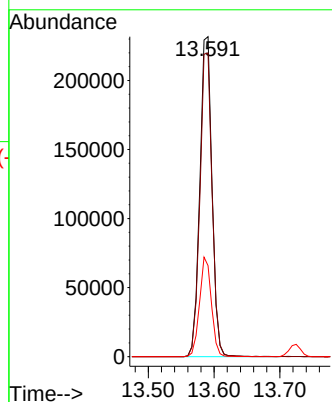
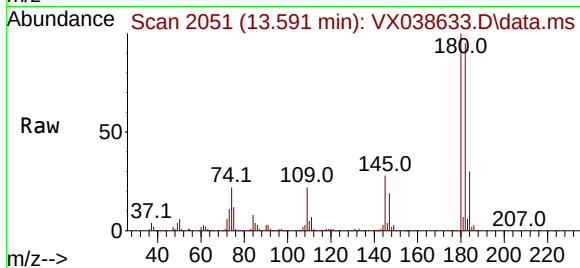
Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.3	144.8
145	30.3	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#94

Hexachlorobutadiene

Concen: 47.753 ug/l

RT: 13.725 min Scan# 2073

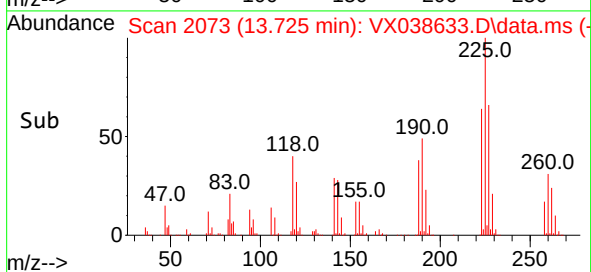
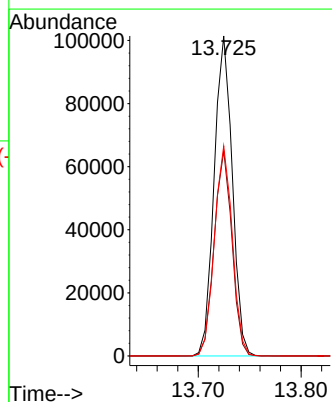
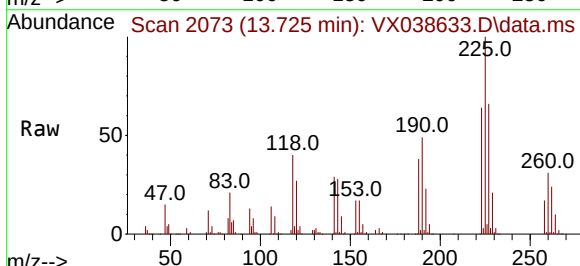
Delta R.T. 0.000 min

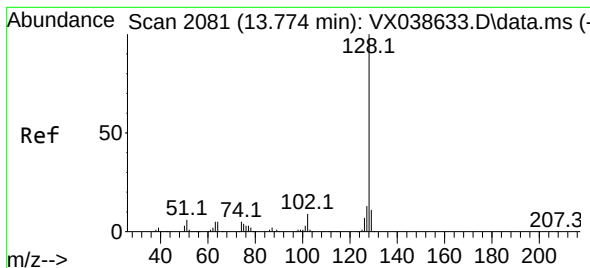
Lab File: VX038633.D

Acq: 07 Nov 2023 14:45

Tgt Ion:225 Resp: 123885

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	64.9	32.5	97.5





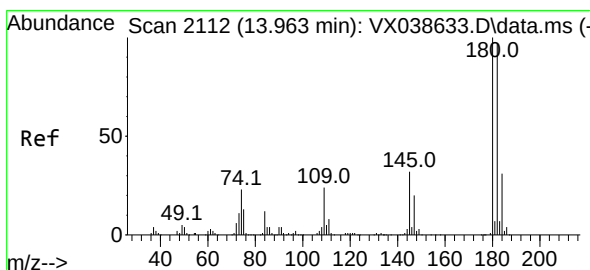
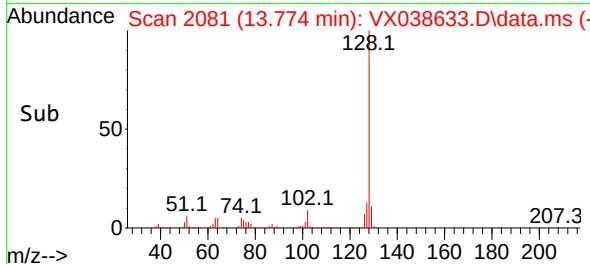
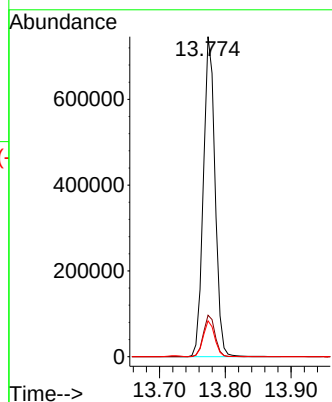
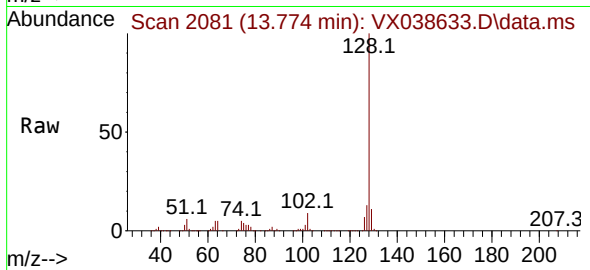
#95
Naphthalene
Concen: 50.778 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 92087
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.968 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 07 Nov 2023 14:45

Tgt Ion:180 Resp: 290185
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 32.1 17.8 53.5

