

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036067.D
 Acq On : 07 Jun 2023 17:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 07:23:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	35158	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	203978	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	189835	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	98393	33.682	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.267%#			
60) 4-Bromofluorobenzene	11.079	95	100509	31.553	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.167%			
63) Toluene-d8	8.647	98	254883	30.371	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45679	25.407	ug/l	97
3) Chloromethane	1.294	50	42986	19.489	ug/l	95
4) Vinyl Chloride	1.374	62	42044	20.284	ug/l	95
5) Bromomethane	1.617	94	21952	15.743	ug/l	98
6) Chloroethane	1.691	64	28703	21.965	ug/l	95
7) Trichlorofluoromethane	1.892	101	67947	21.623	ug/l	98
8) Diethyl Ether	2.130	74	25425	19.461	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	40717	24.085	ug/l	98
10) 1,1-Dichloroethene	2.319	96	37147	21.078	ug/l	93
11) Methyl Iodide	2.453	142	26086	12.252	ug/l	96
12) Methyl Acetate	2.709	43	111419	22.374	ug/l	99
13) Acrolein	2.245	56	35676	90.627	ug/l	100
14) Acrylonitrile	3.068	53	133811	107.187	ug/l	98
15) Acetone	2.404	58	37443	100.274	ug/l	93
16) Carbon Disulfide	2.514	76	74350	19.439	ug/l	100
17) Allyl chloride	2.666	41	73944	20.797	ug/l	96
18) Methylene Chloride	2.788	84	45127	19.662	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	40982	20.628	ug/l	97
20) Diisopropyl ether	3.757	45	160231	20.875	ug/l	95
21) 1,1-Dichloroethane	3.611	63	85892	21.349	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	50239	20.436	ug/l	98
23) tert-Butyl Alcohol	3.032	59	51716m	113.488	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	154876	21.804	ug/l	96
25) Chloroform	5.092	83	92081	22.304	ug/l	100
26) Cyclohexane	5.470	56	67212	22.089	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	62380	21.961	ug/l	98
30) 2-Butanone	4.568	43	194496	104.601	ug/l	99
31) 2,2-Dichloropropane	4.477	77	65727	21.538	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	76840	23.165	ug/l	99
33) Carbon Tetrachloride	5.678	117	60695	23.172	ug/l	95
34) Benzene	6.037	78	180868	20.184	ug/l	99
35) Methacrylonitrile	4.928	41	42523	21.431	ug/l	99
36) 1,2-Dichloroethane	6.086	62	78793	22.594	ug/l	99
37) Trichloroethene	7.123	130	45492	20.197	ug/l	94
38) Methylcyclohexane	7.379	83	65173	20.922	ug/l	94
39) 1,2-Dichloropropane	7.427	63	50006	20.732	ug/l	94
40) Dibromomethane	7.580	93	33728	20.676	ug/l	96
41) Bromodichloromethane	7.818	83	63651	21.584	ug/l #	99
42) Vinyl Acetate	3.721	43	547269	100.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	72837	20.540	ug/l	99
44) Isopropyl Acetate	6.336	43	117274	20.288	ug/l	98
45) 1,4-Dioxane	7.744	88	23683	431.372	ug/l #	59
46) Methyl methacrylate	7.696	41	57236	20.493	ug/l	97
47) n-amyl Acetate	10.841	43	96127	19.799	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	63900	19.586	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	70303	19.526	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	48905	20.954	ug/l	98
51) Ethyl methacrylate	9.116	69	73200	20.347	ug/l	97
52) 1,3-Dichloropropane	9.305	76	86103	21.170	ug/l	99
53) Dibromochloromethane	9.518	129	46017	21.500	ug/l	96
54) 1,2-Dibromoethane	9.610	107	49921	20.588	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	207892	108.889	ug/l	98
56) Bromoform	10.799	173	28547	20.575	ug/l	95
58) 4-Methyl-2-Pentanone	8.573	43	388550	105.376	ug/l	98
59) 2-Hexanone	9.427	43	290669	104.765	ug/l	99
61) Tetrachloroethene	9.275	164	37230	20.364	ug/l	91
62) Toluene	8.720	91	198563	20.311	ug/l	99
64) Chlorobenzene	10.079	112	125105	20.206	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	44254	20.445	ug/l	97
66) Ethyl Benzene	10.195	91	226059	20.676	ug/l	100
67) m/p-Xylenes	10.299	106	169993	41.077	ug/l	98
68) o-Xylene	10.640	106	84555	20.427	ug/l	95
69) Styrene	10.652	104	142386	20.842	ug/l	98
70) Isopropylbenzene	10.963	105	224572	21.255	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	78659	21.018	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	67093m	20.584	ug/l	
73) Bromobenzene	11.195	156	51490	20.059	ug/l	93
74) n-propylbenzene	11.305	91	259709	20.621	ug/l	99
75) 2-Chlorotoluene	11.366	91	162228	20.970	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	189842	21.155	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	16335	16.613	ug/l	90
78) 4-Chlorotoluene	11.451	91	186978	21.216	ug/l	99
79) tert-butylbenzene	11.713	119	181606	20.963	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	190193	21.090	ug/l	97
81) sec-Butylbenzene	11.890	105	226959	20.750	ug/l	99
82) p-Isopropyltoluene	12.006	119	189035	20.774	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	98906	20.358	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	100053	20.518	ug/l	99
85) n-Butylbenzene	12.329	91	160927	19.879	ug/l	100
86) Hexachloroethane	12.536	117	27743	19.361	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	98997	20.797	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15478	21.640	ug/l	90
89) 1,2,4-Trichlorobenzene	13.585	180	53966	18.917	ug/l	99
90) Hexachlorobutadiene	13.725	225	22917	21.792	ug/l	99
91) Naphthalene	13.774	128	199834	20.242	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	54900	19.275	ug/l	98

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

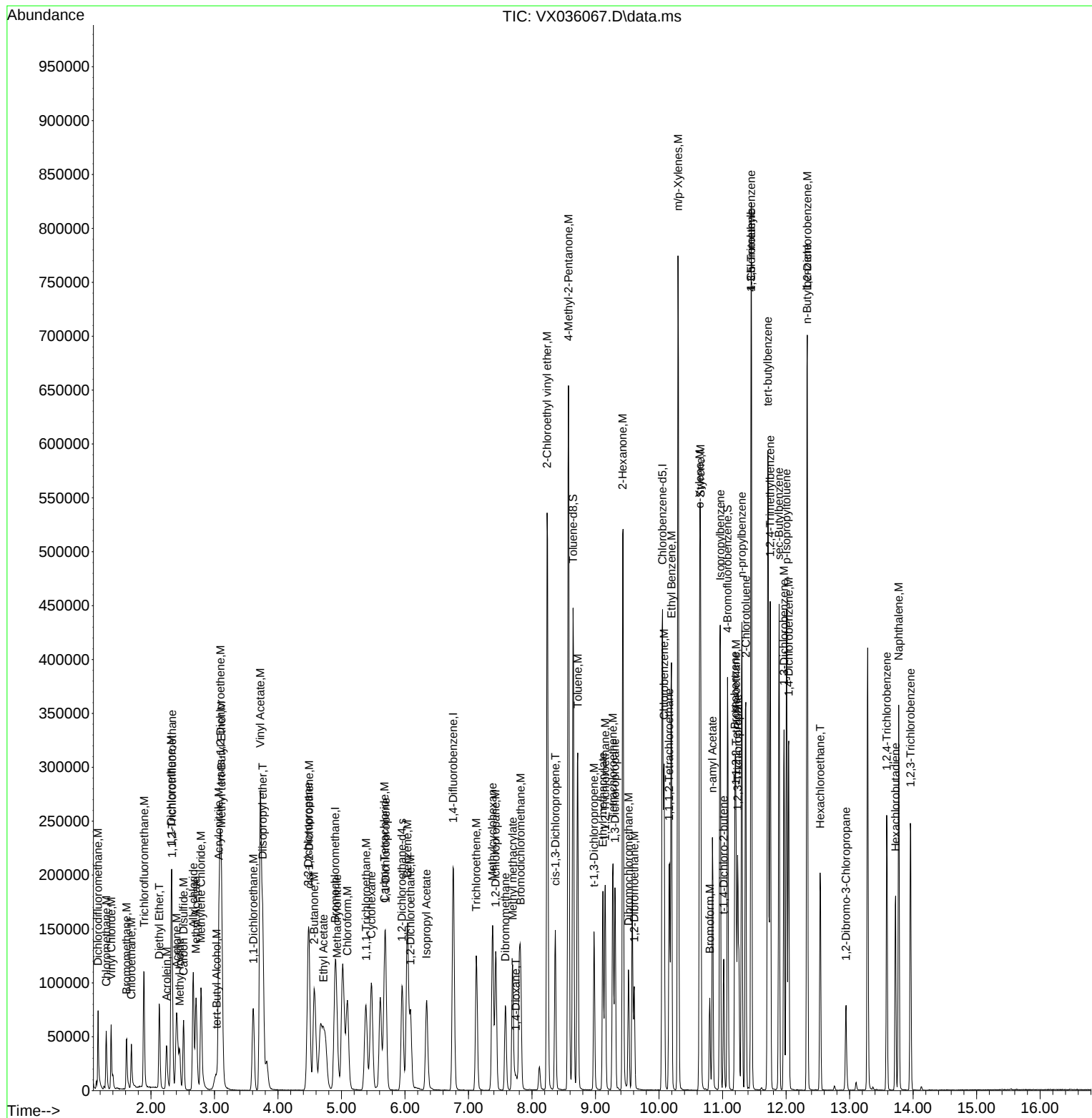
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
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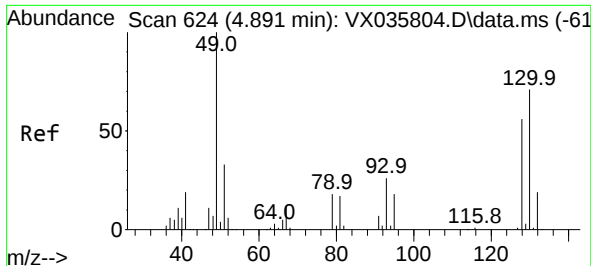
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

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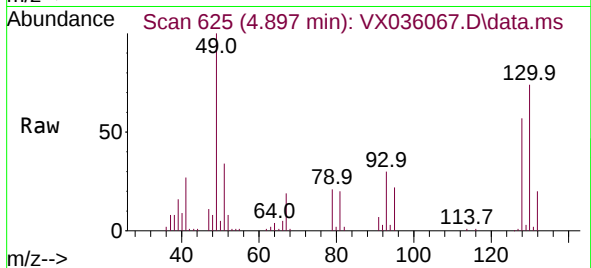
Reviewed By : John Carlone 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

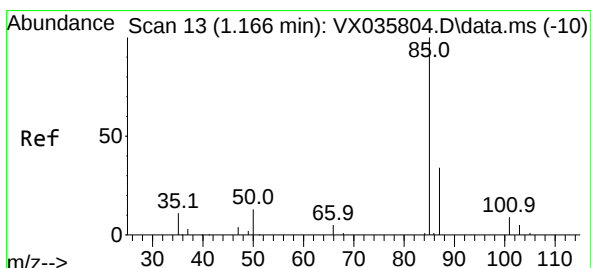
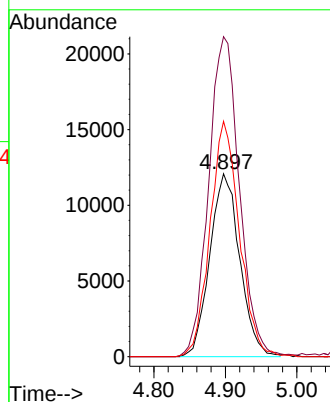
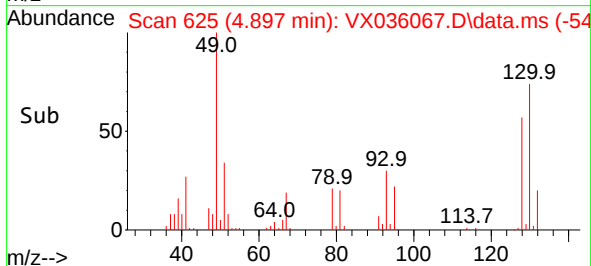
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 35158
Ion Ratio Lower Upper
128 100
49 179.6 0.0 428.8
130 126.0 0.0 310.8

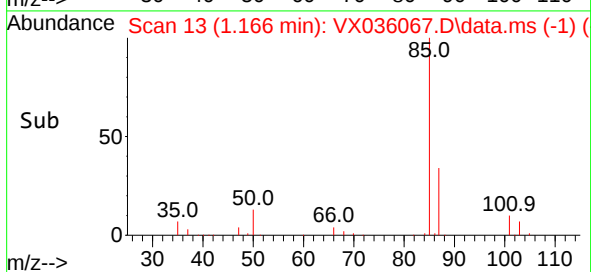
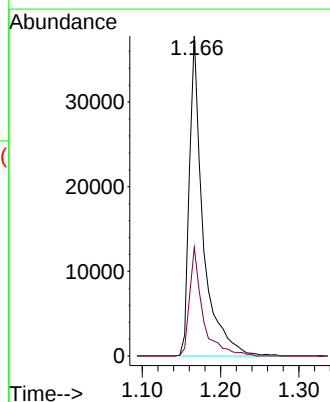
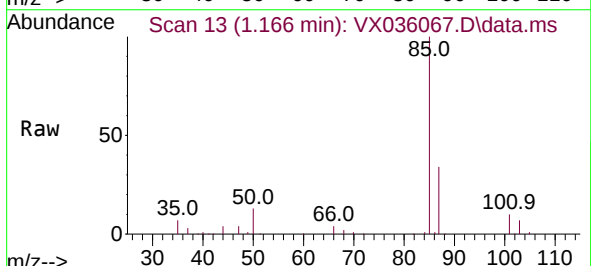
Manual Integrations
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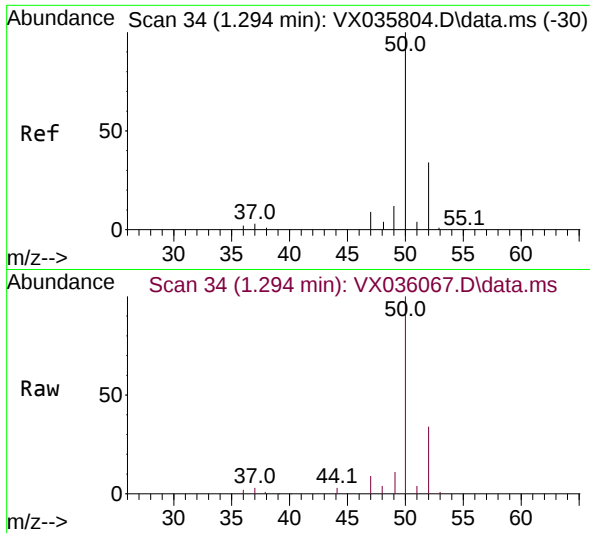
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#2
Dichlorodifluoromethane
Concen: 25.407 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 85 Resp: 45679
Ion Ratio Lower Upper
85 100
87 33.9 16.0 48.0





#3

Chloromethane

Concen: 19.489 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 42980

Ion Ratio Lower Upper

50 100

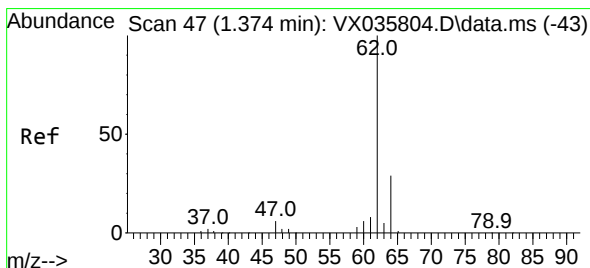
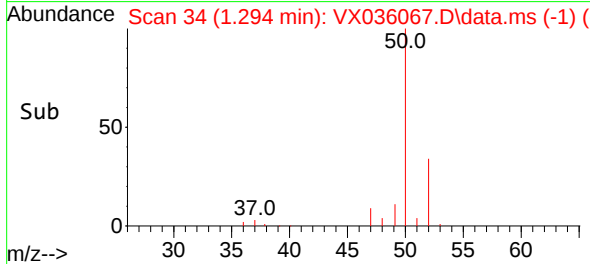
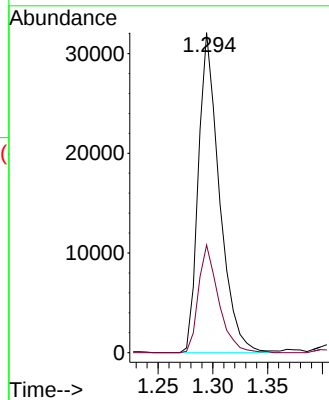
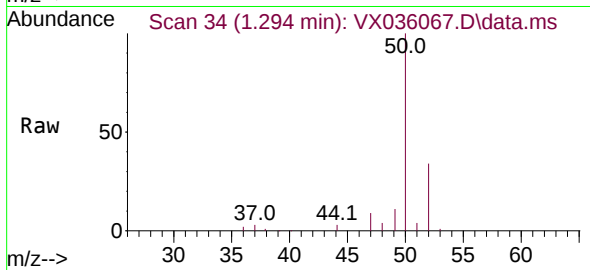
52 33.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#4

Vinyl Chloride

Concen: 20.284 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX036067.D

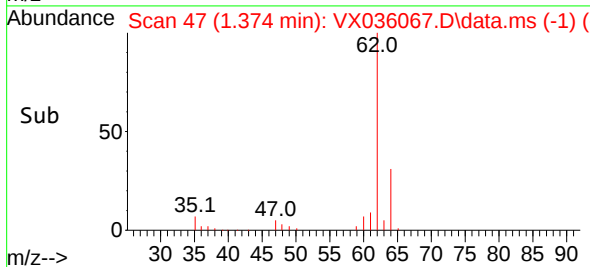
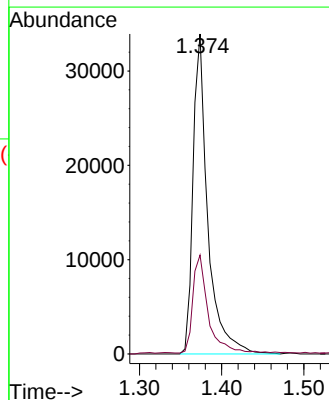
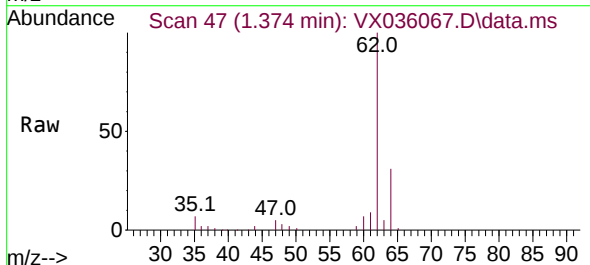
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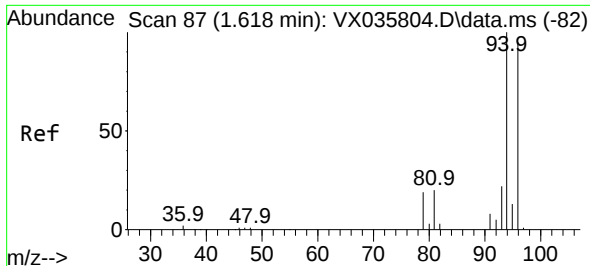
Tgt Ion: 62 Resp: 42044

Ion Ratio Lower Upper

62 100

64 30.6 26.9 40.3





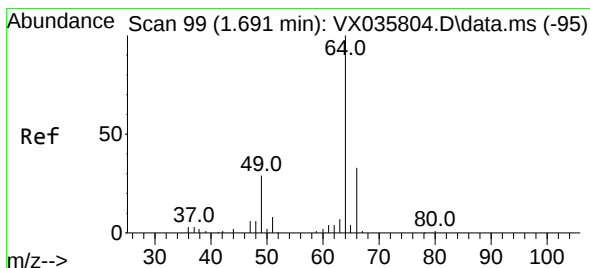
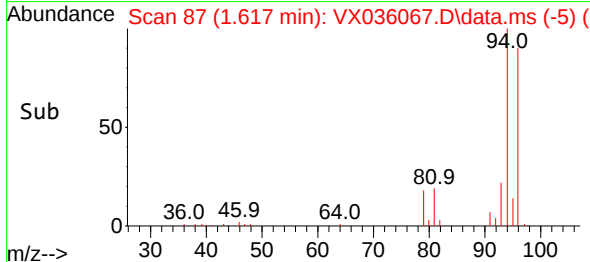
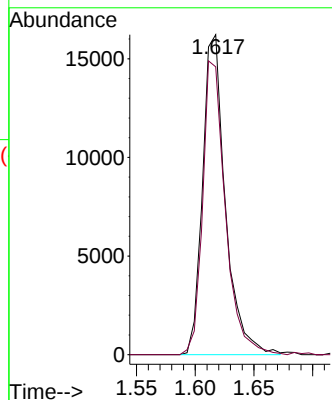
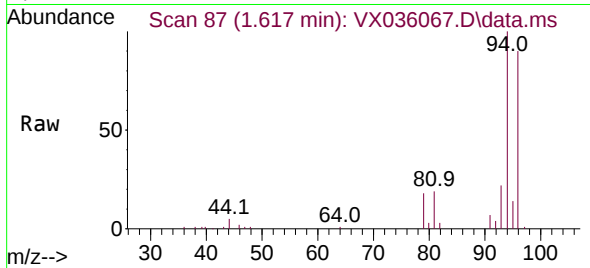
#5
Bromomethane
Concen: 15.743 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 21952
Ion Ratio Lower Upper
94 100
96 90.0 73.4 110.0

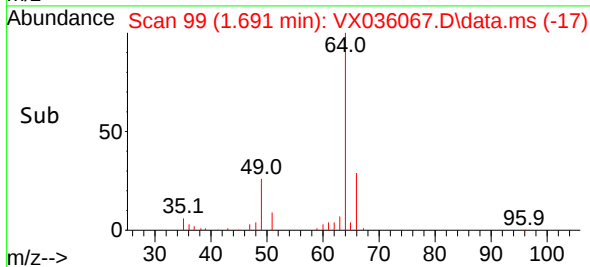
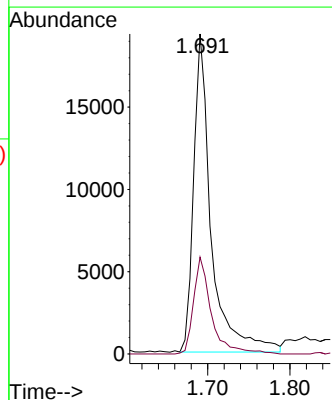
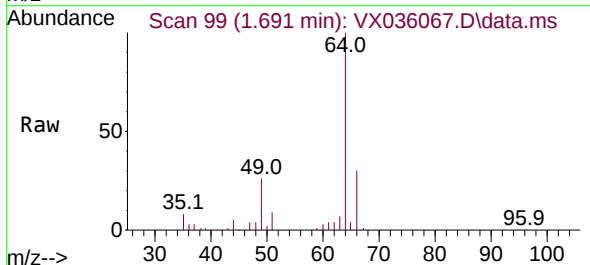
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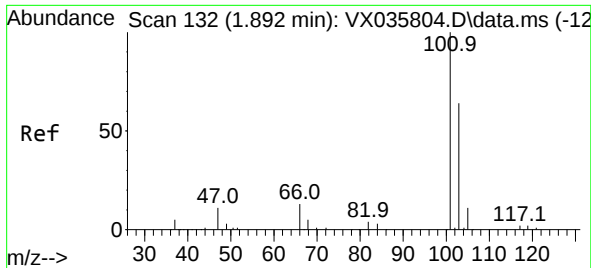
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#6
Chloroethane
Concen: 21.965 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 64 Resp: 28703
Ion Ratio Lower Upper
64 100
66 30.4 26.6 40.0





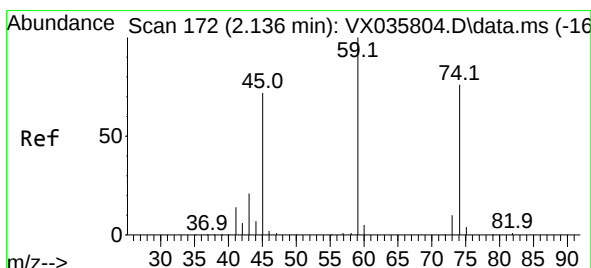
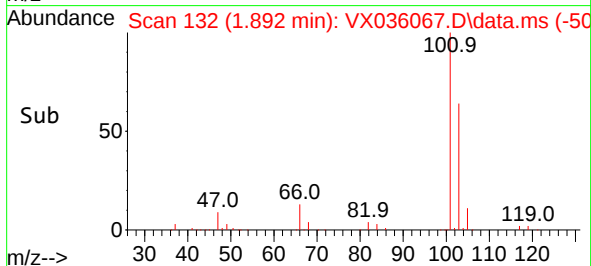
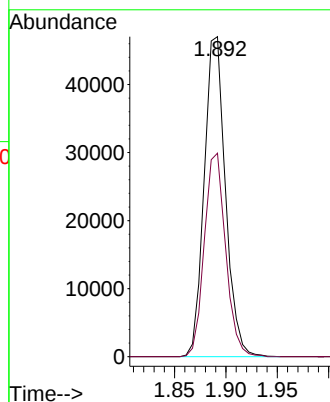
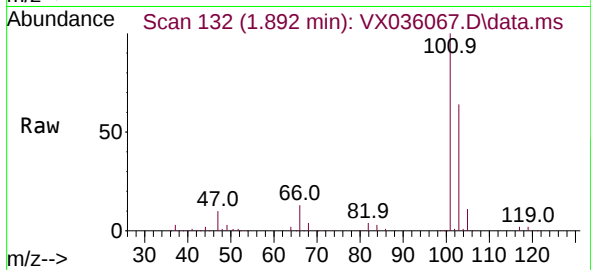
#7
Trichlorofluoromethane
Concen: 21.623 ug/l
RT: 1.892 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 6794
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1

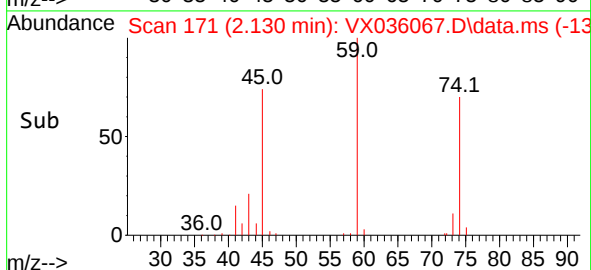
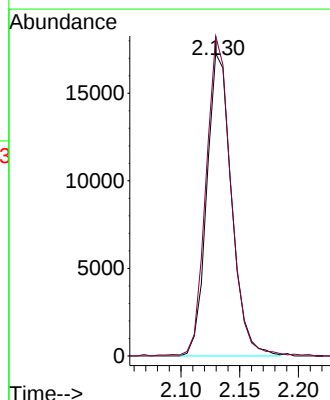
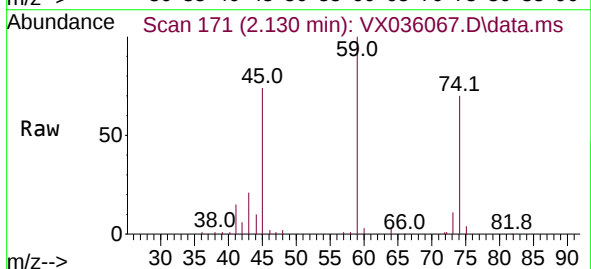
Manual Integrations
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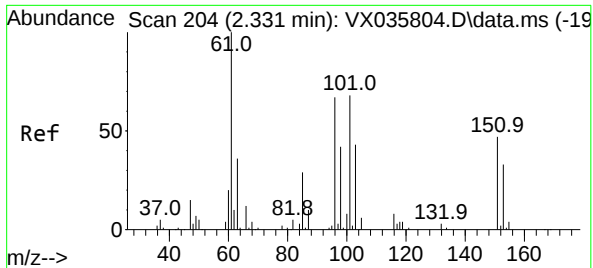
Reviewed By :John Carlone 06/08/2023
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#8
Diethyl Ether
Concen: 19.461 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 74 Resp: 25425
Ion Ratio Lower Upper
74 100
45 106.2 20.5 184.5





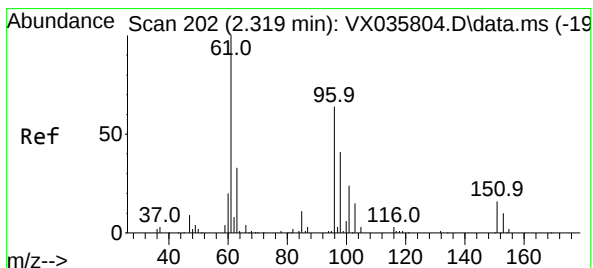
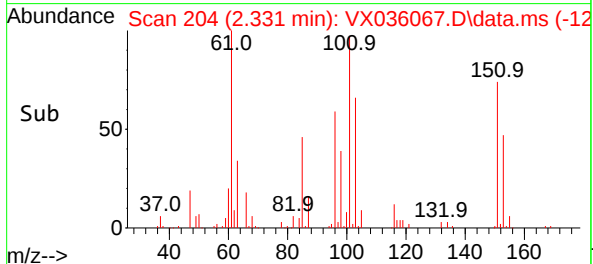
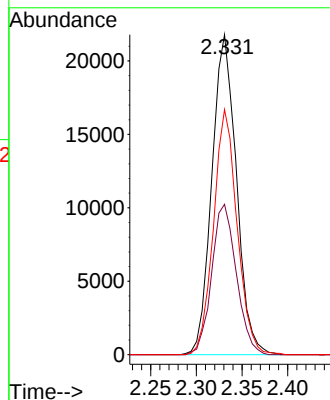
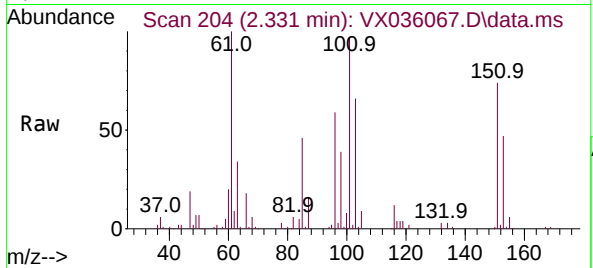
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1,1,2-Trichlorotrifluoroethane
Concen: 24.085 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 4071
Ion Ratio Lower Upper
101 100
85 47.2 0.0 88.8
151 73.8 0.0 147.6

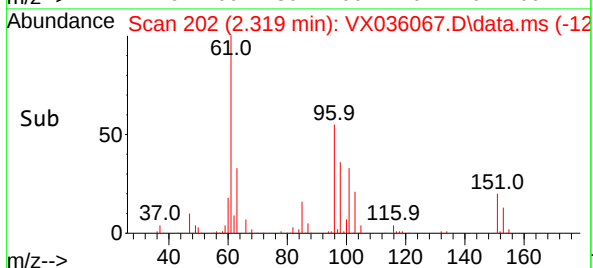
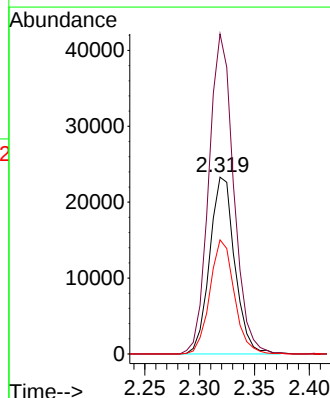
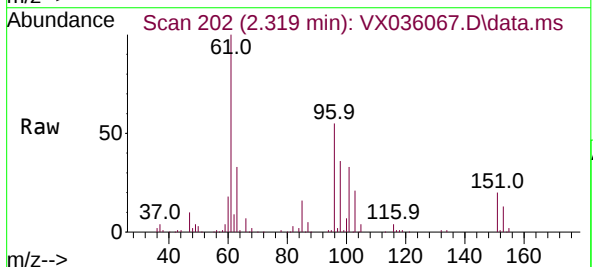
Manual Integrations
APPROVED

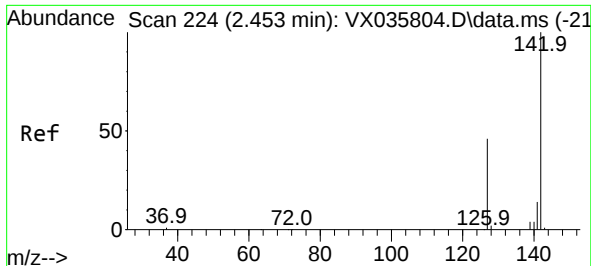
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#10
1,1-Dichloroethene
Concen: 21.078 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 96 Resp: 37147
Ion Ratio Lower Upper
96 100
61 181.0 135.8 203.6
98 64.5 49.8 74.6





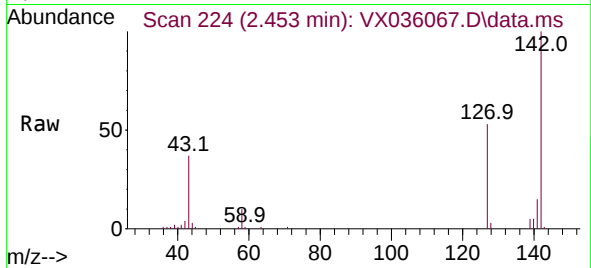
#11
Methyl Iodide
Concen: 12.252 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



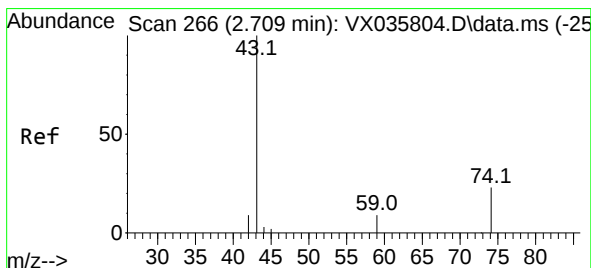
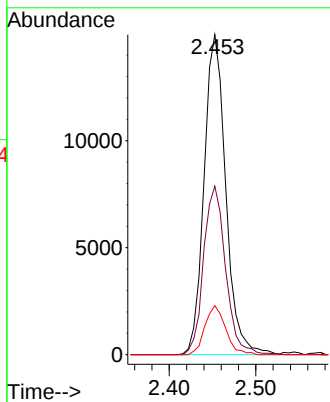
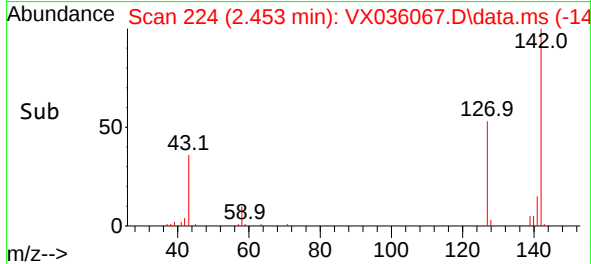
Tgt Ion:142 Resp: 26080
Ion Ratio Lower Upper
142 100
127 52.5 24.5 73.5
141 15.3 7.6 22.8

Manual Integrations

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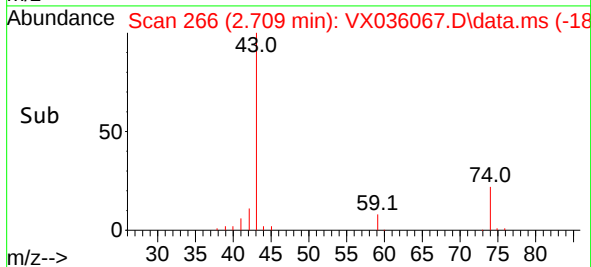
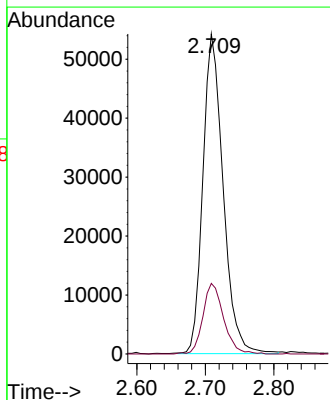
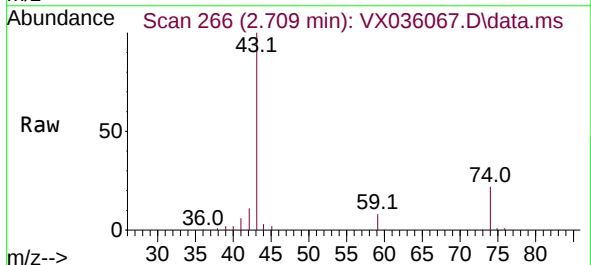
Reviewed By :John Carlone 06/08/2023

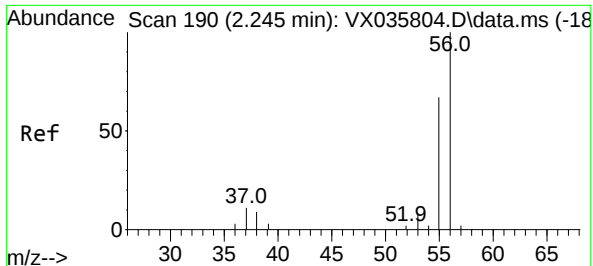
Supervised By :Mahesh Dadoda 06/08/2023



#12
Methyl Acetate
Concen: 22.374 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

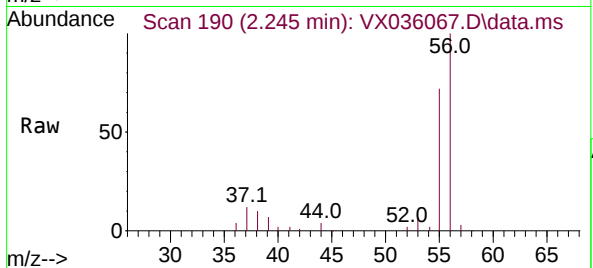
Tgt Ion: 43 Resp: 111419
Ion Ratio Lower Upper
43 100
74 22.0 18.0 27.0





#13
Acrolein
Concen: 90.627 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

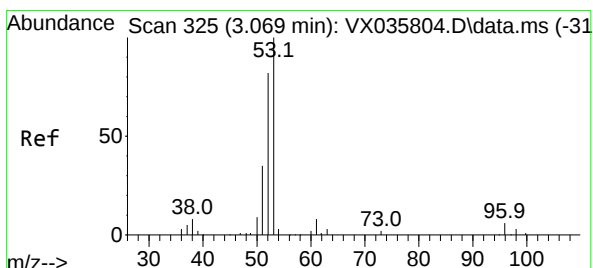
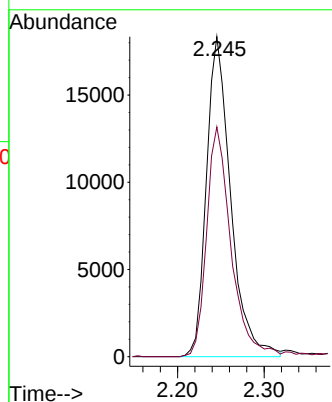
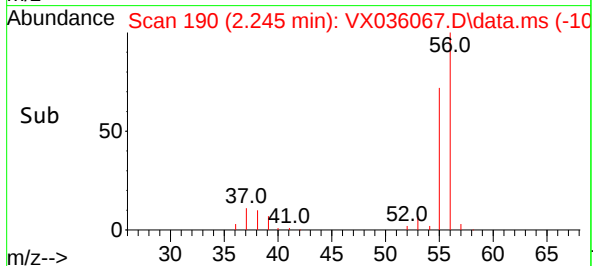
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



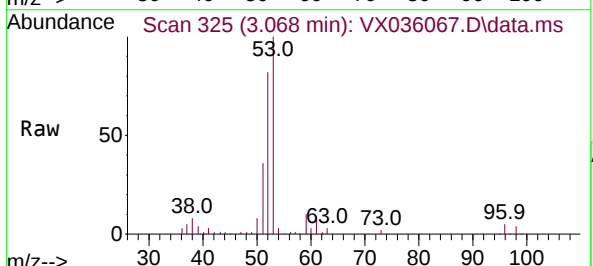
Tgt Ion: 56 Resp: 35670
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

Manual Integrations
APPROVED

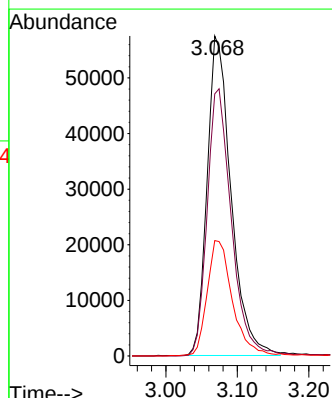
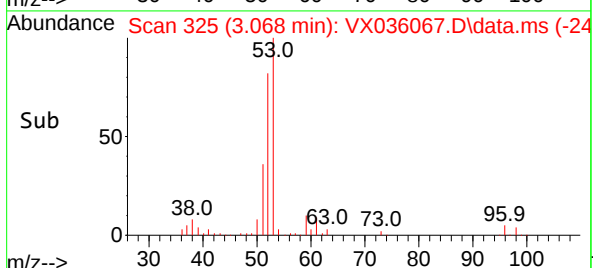
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

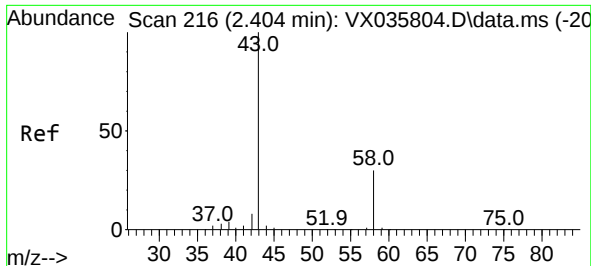


#14
Acrylonitrile
Concen: 107.187 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



Tgt Ion: 53 Resp: 133811
Ion Ratio Lower Upper
53 100
52 84.2 41.3 123.7
51 38.0 17.9 53.7





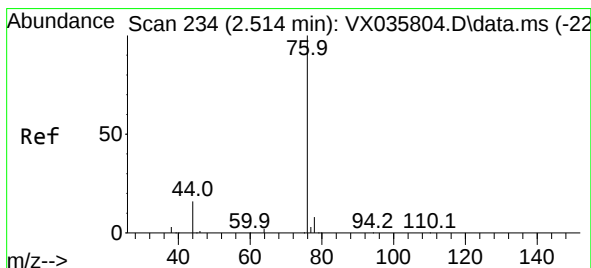
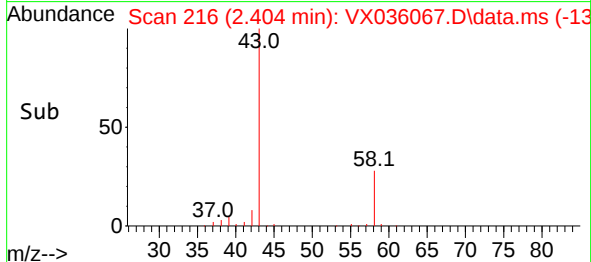
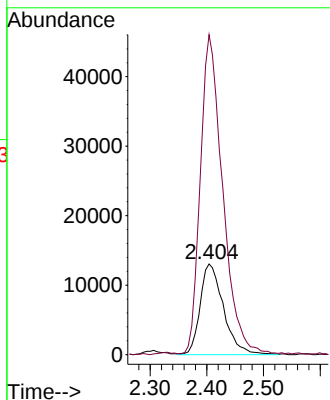
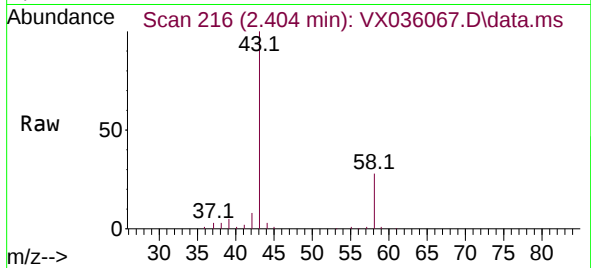
#15
Acetone
Concen: 100.274 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 3744
Ion Ratio Lower Upper
58 100
43 352.9 270.8 406.2

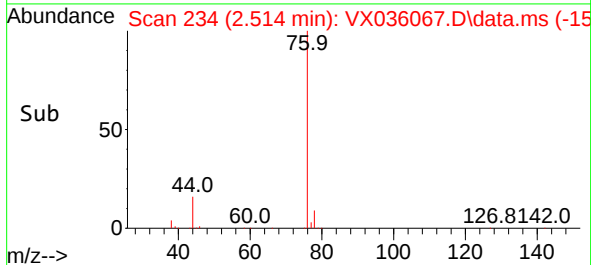
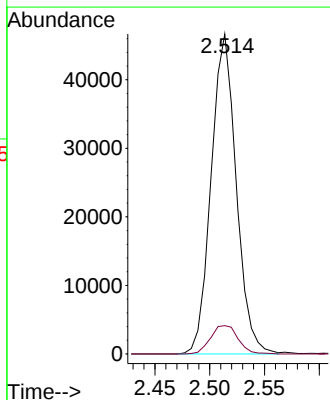
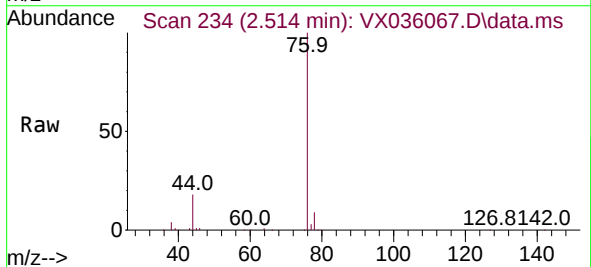
Manual Integrations
APPROVED

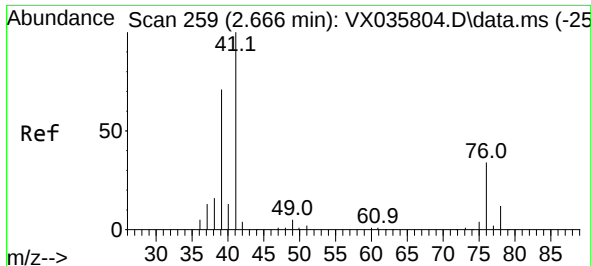
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#16
Carbon Disulfide
Concen: 19.439 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 76 Resp: 74350
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





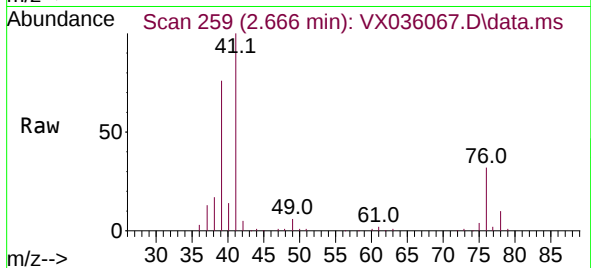
#17
 Allyl chloride
 Concen: 20.797 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX036067.D
 Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

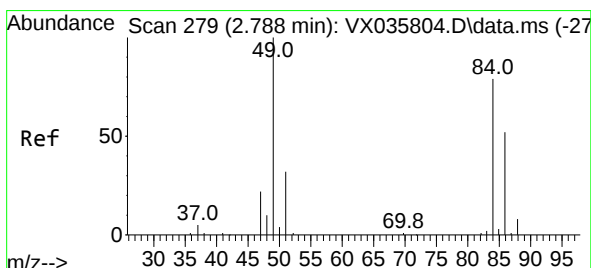
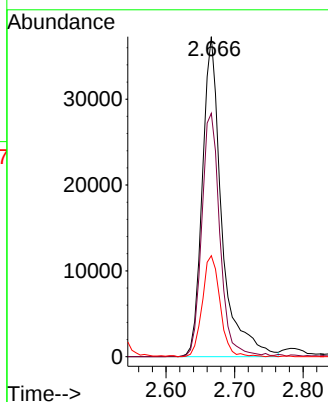
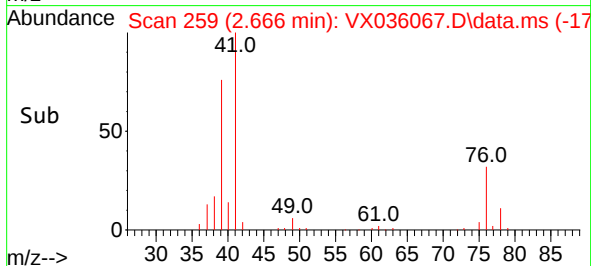


Tgt Ion: 41 Resp: 73944
 Ion Ratio Lower Upper
 41 100
 39 76.1 36.4 109.3
 76 31.6 17.0 51.0

Manual Integrations

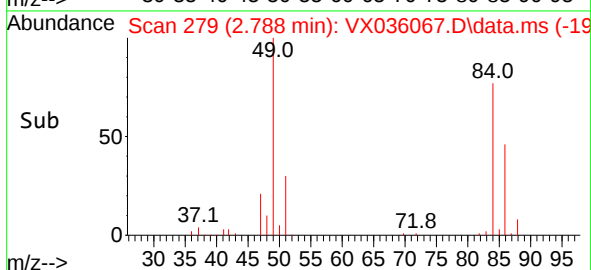
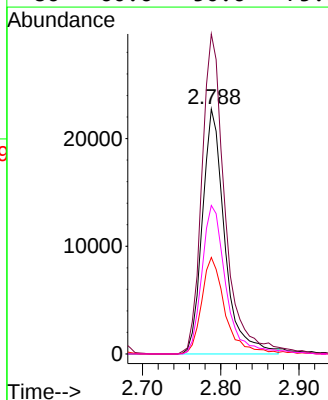
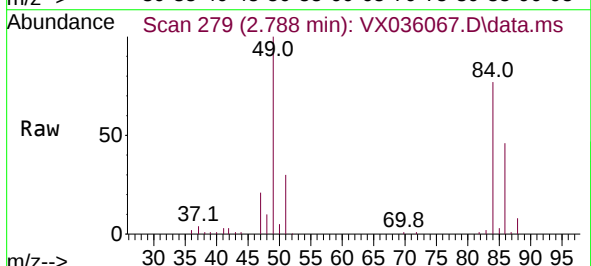
APPROVED

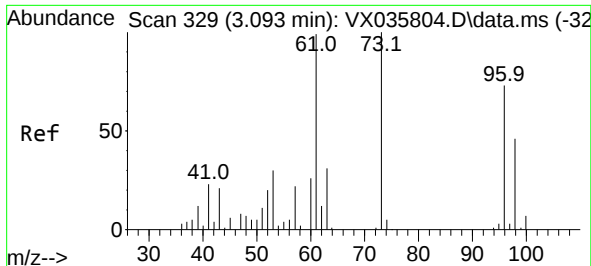
Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#18
 Methylene Chloride
 Concen: 19.662 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX036067.D
 Acq: 07 Jun 2023 17:46

Tgt Ion: 84 Resp: 45127
 Ion Ratio Lower Upper
 84 100
 49 130.6 103.9 155.9
 51 39.4 30.6 45.8
 86 60.6 50.6 75.8





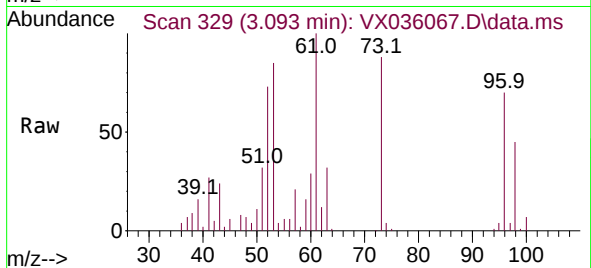
#19
trans-1,2-Dichloroethene
Concen: 20.628 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



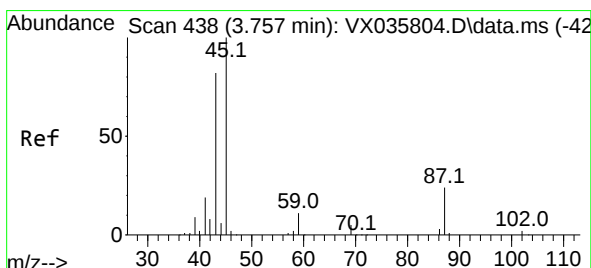
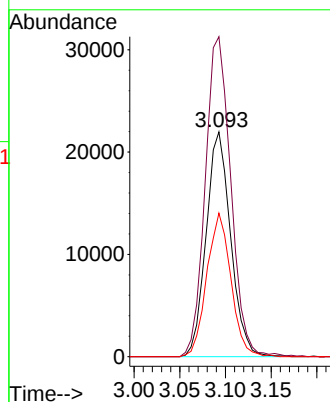
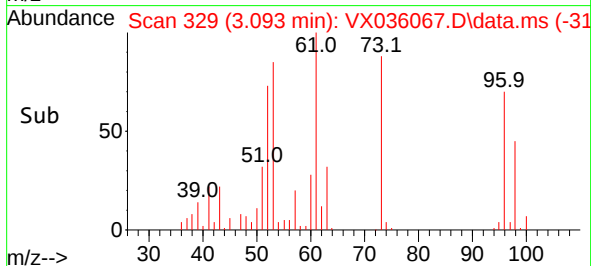
Tgt Ion: 96 Resp: 4098
Ion Ratio Lower Upper
96 100
61 142.3 111.1 166.7
98 63.8 48.6 72.8

Manual Integrations

APPROVED

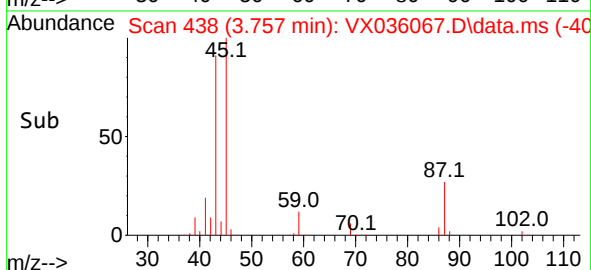
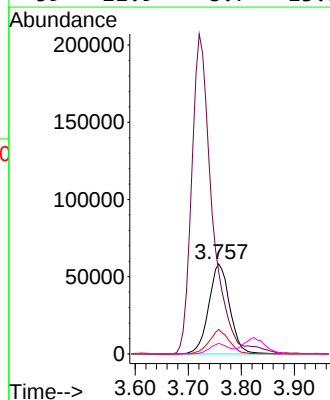
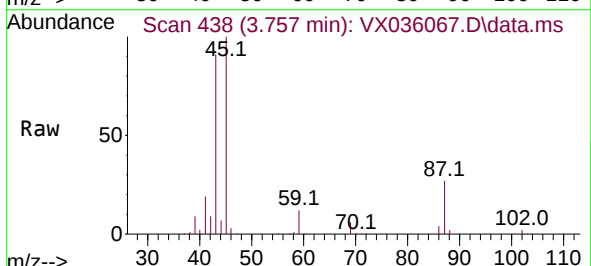
Reviewed By :John Carlone 06/08/2023

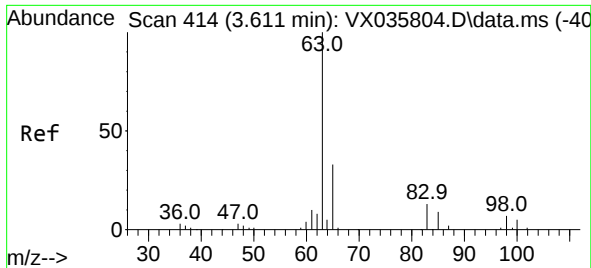
Supervised By :Mahesh Dadoda 06/08/2023



#20
Diisopropyl ether
Concen: 20.875 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 45 Resp: 160231
Ion Ratio Lower Upper
45 100
43 89.2 66.0 99.0
87 27.2 21.8 32.6
59 11.9 8.7 13.1





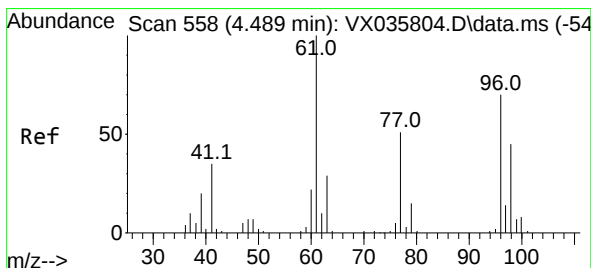
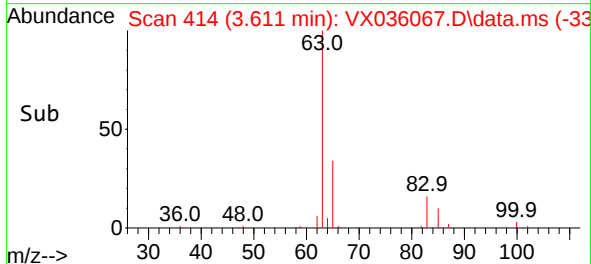
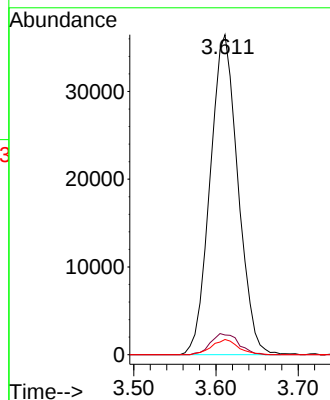
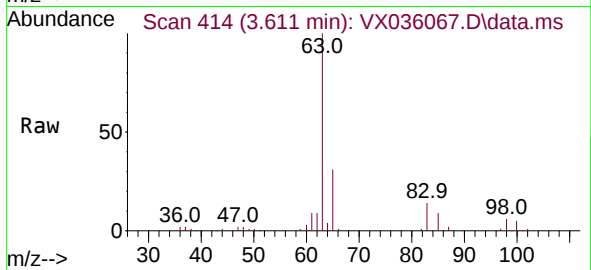
#21
1,1-Dichloroethane
Concen: 21.349 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 85892
Ion Ratio Lower Upper
63 100
98 6.2 3.5 10.6
100 4.7 2.2 6.6

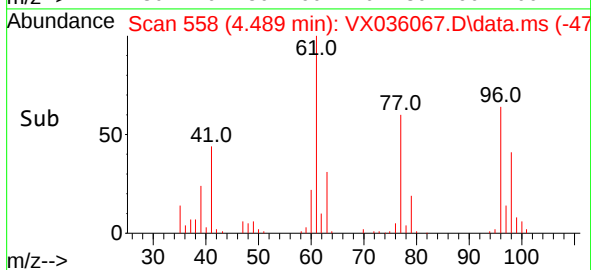
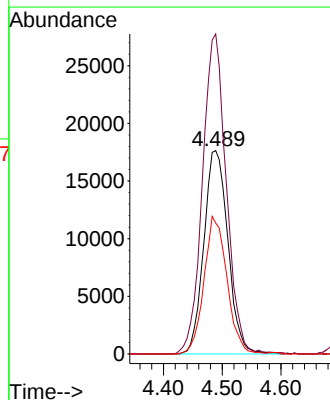
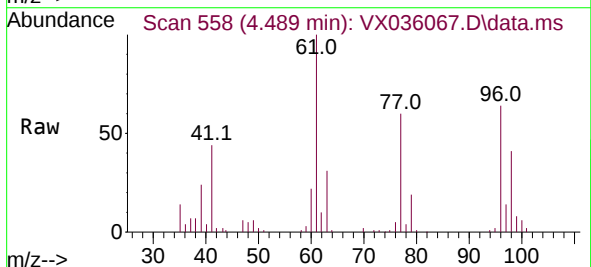
Manual Integrations
APPROVED

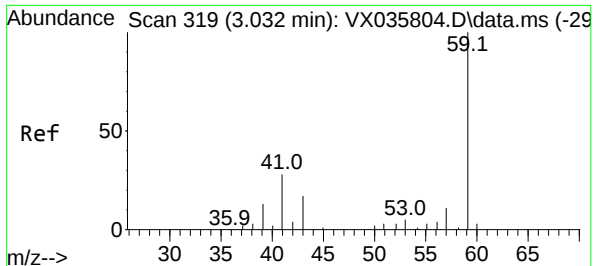
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#22
cis-1,2-Dichloroethene
Concen: 20.436 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

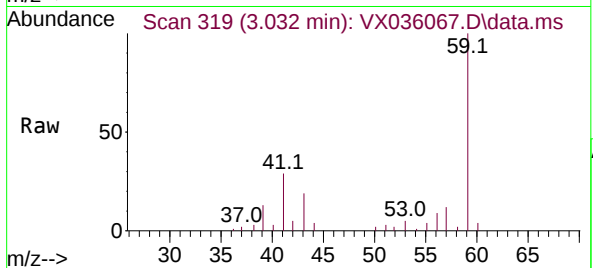
Tgt Ion: 96 Resp: 50239
Ion Ratio Lower Upper
96 100
61 154.7 121.7 182.5
98 64.4 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 113.488 ug/l m
RT: 3.032 min Scan# 319
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

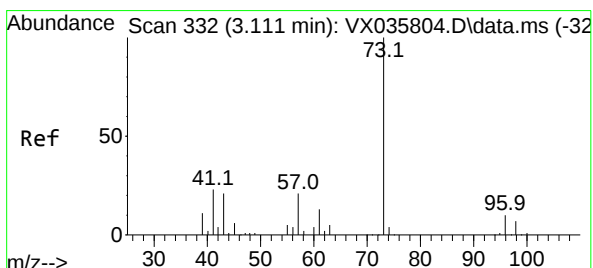
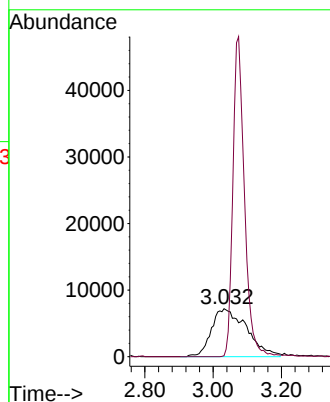
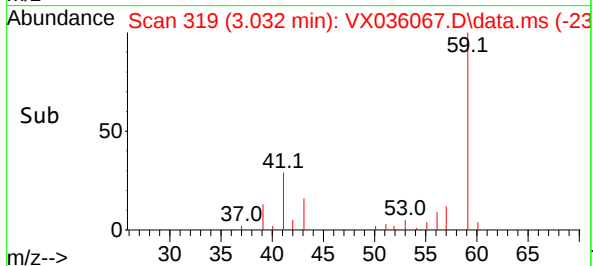
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 51710
Ion Ratio Lower Upper
59 100
52 217.9 0.2 0.4

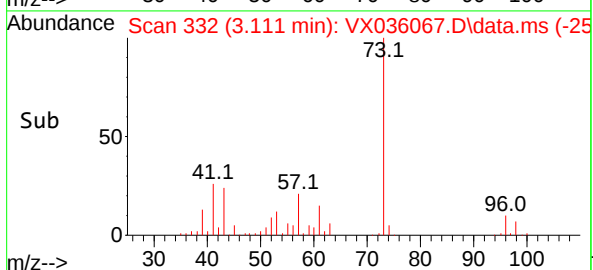
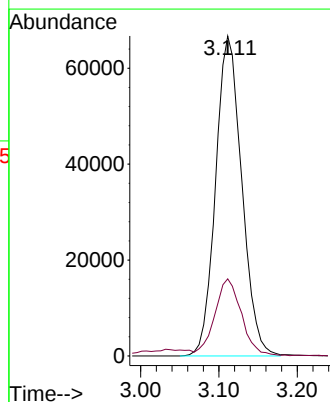
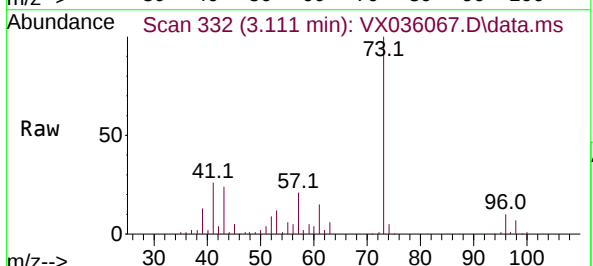
Manual Integrations
APPROVED

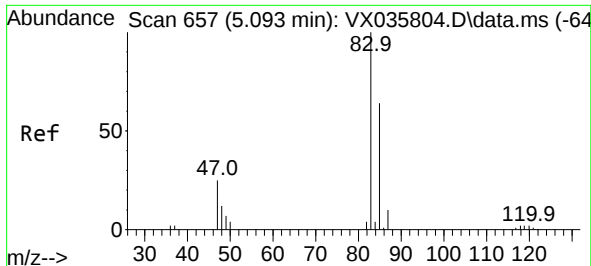
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#24
Methyl tert-Butyl Ether
Concen: 21.804 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 73 Resp: 154876
Ion Ratio Lower Upper
73 100
43 24.5 17.9 26.9





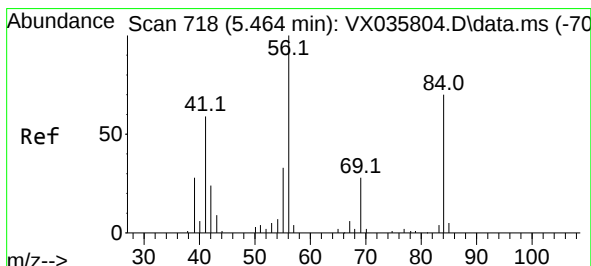
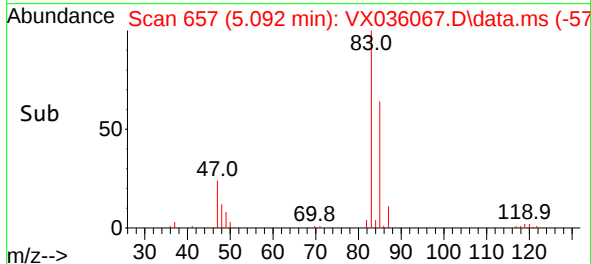
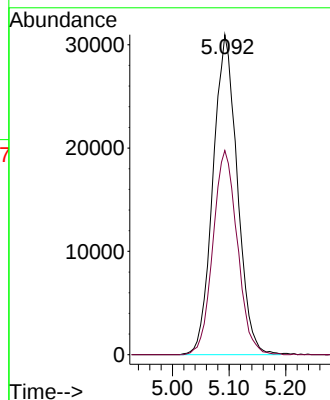
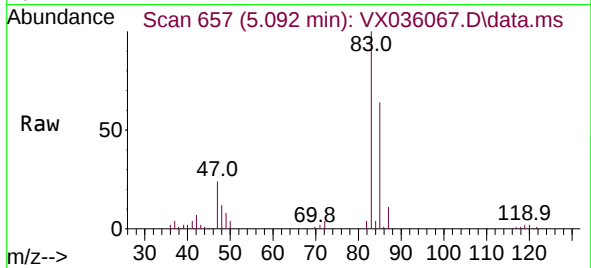
#25
Chloroform
Concen: 22.304 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 9208
Ion Ratio Lower Upper
83 100
85 63.8 51.2 76.8

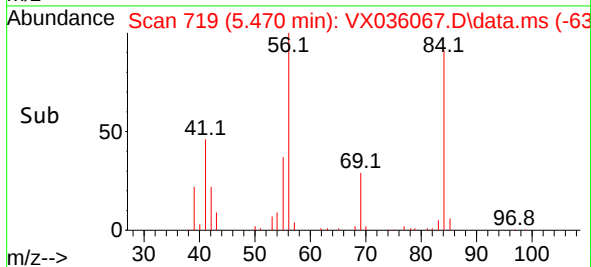
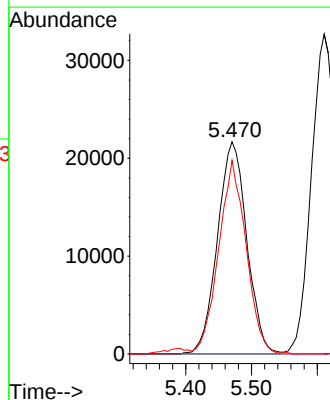
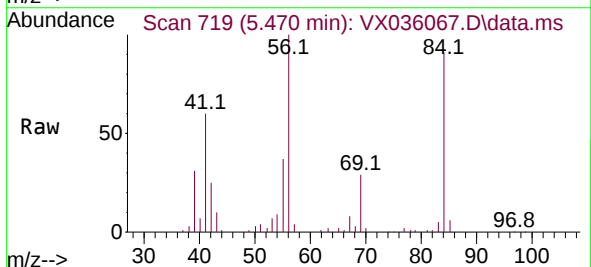
Manual Integrations
APPROVED

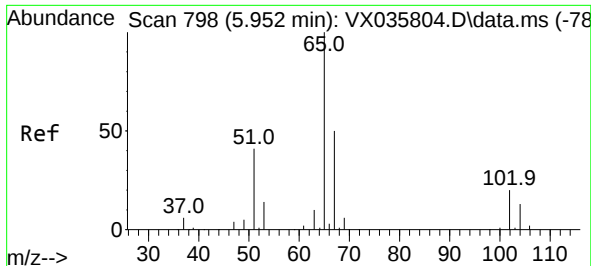
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#26
Cyclohexane
Concen: 22.089 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 56 Resp: 67212
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 33.682 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 9839

Ion Ratio Lower Upper

65 100

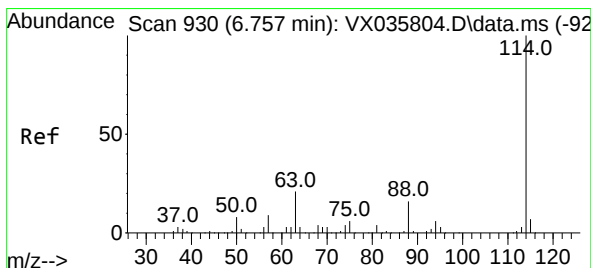
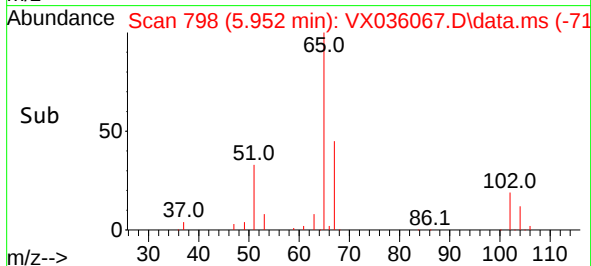
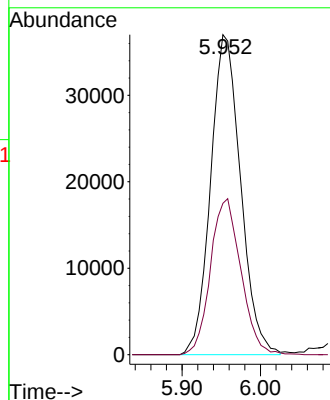
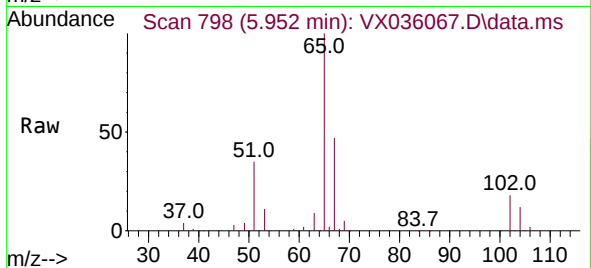
67 49.4 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

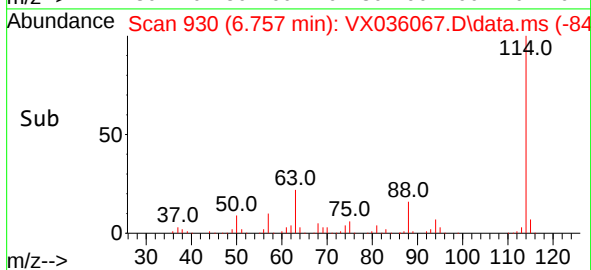
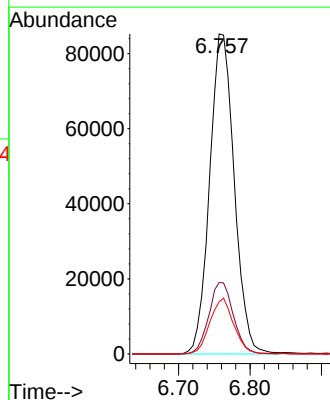
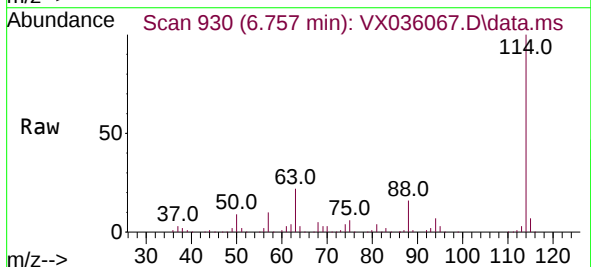
Tgt Ion:114 Resp: 203978

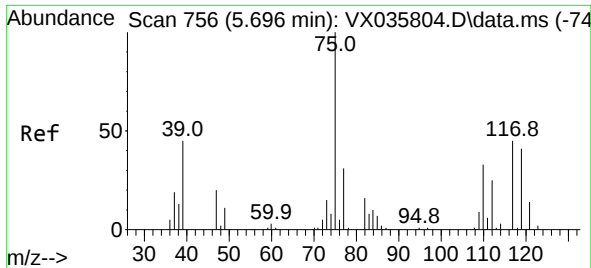
Ion Ratio Lower Upper

114 100

63 22.3 18.0 27.0

88 16.8 13.3 19.9





#29

1,1-Dichloropropene

Concen: 21.961 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 62380

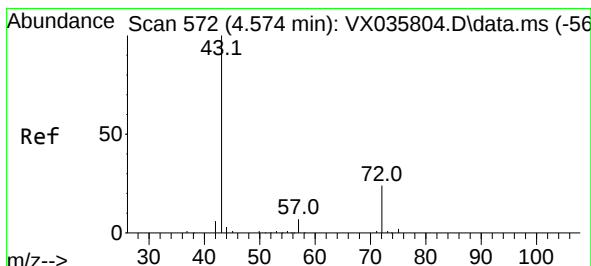
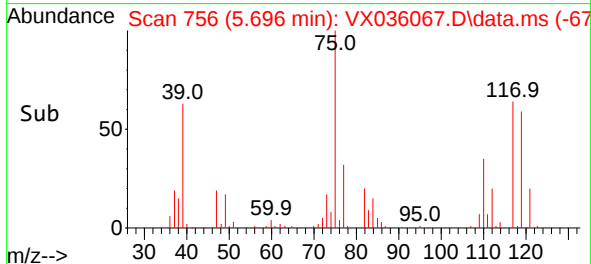
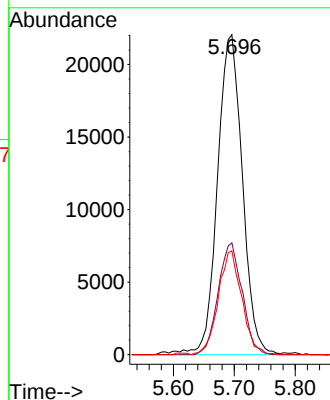
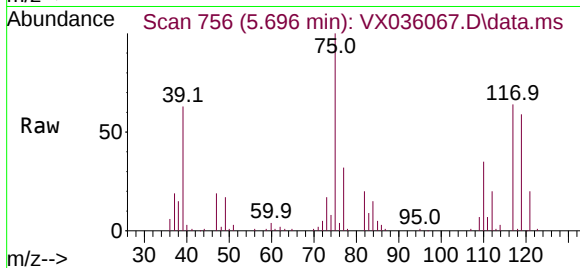
Ion	Ratio	Lower	Upper
75	100		
110	33.7	0.0	71.4
77	30.6	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#30

2-Butanone

Concen: 104.601 ug/l

RT: 4.568 min Scan# 571

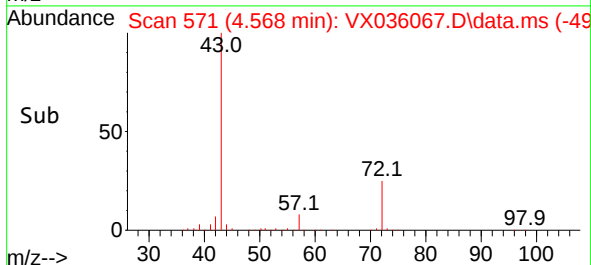
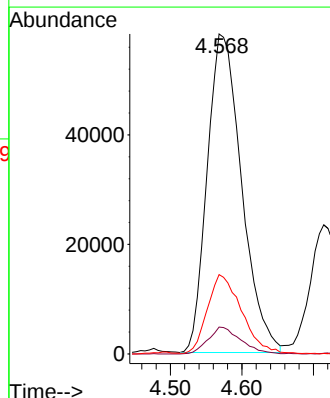
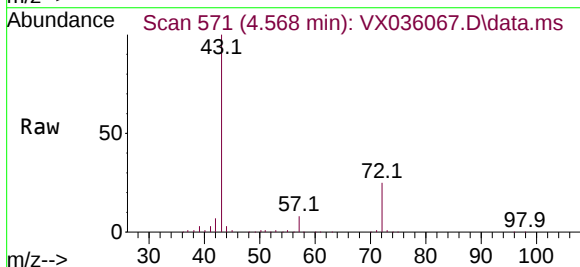
Delta R.T. -0.006 min

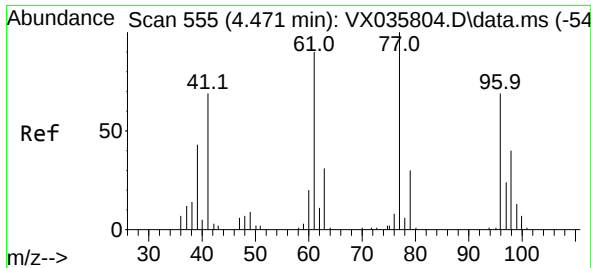
Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Tgt Ion: 43 Resp: 194496

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.3	9.5
72	24.9	19.6	29.4





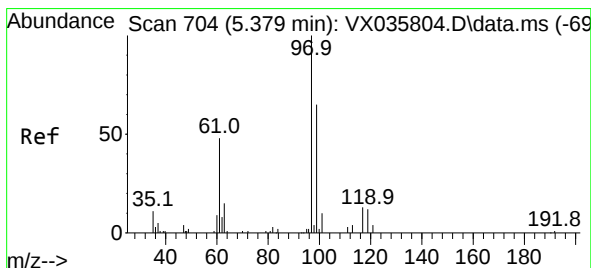
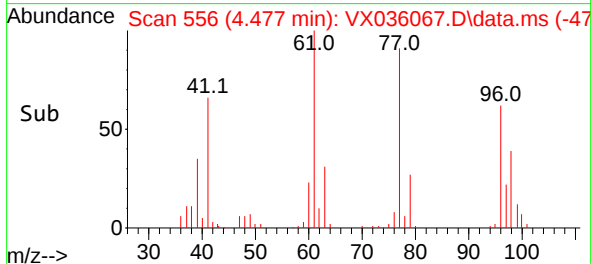
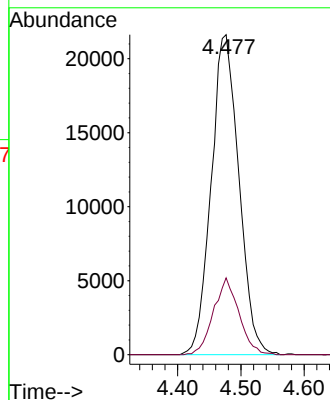
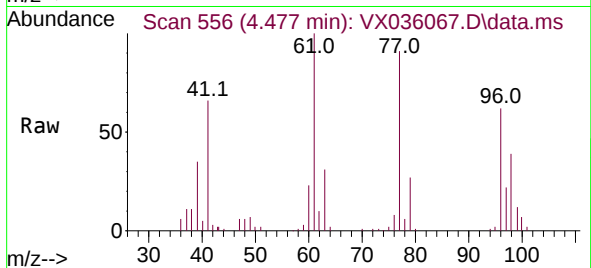
#31
2,2-Dichloropropane
Concen: 21.538 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 6572
Ion Ratio Lower Upper
77 100
97 22.1 18.2 27.4

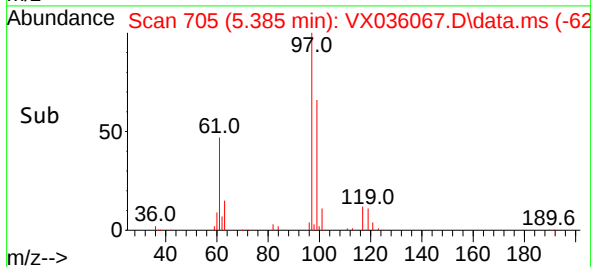
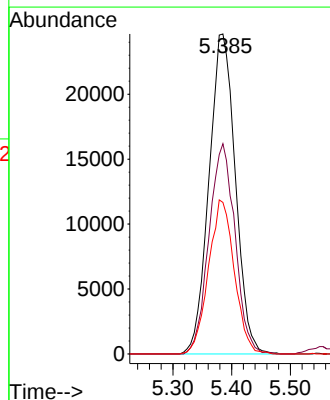
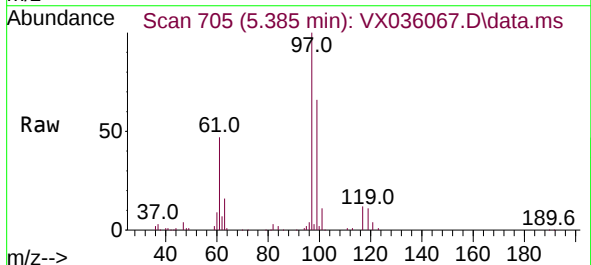
Manual Integrations
APPROVED

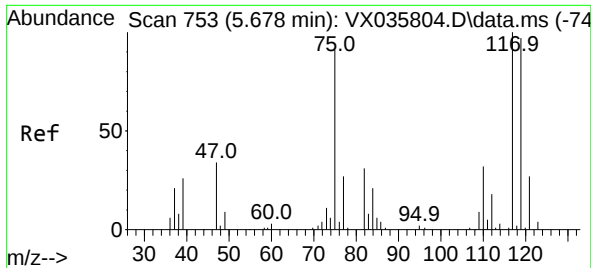
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#32
1,1,1-Trichloroethane
Concen: 23.165 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

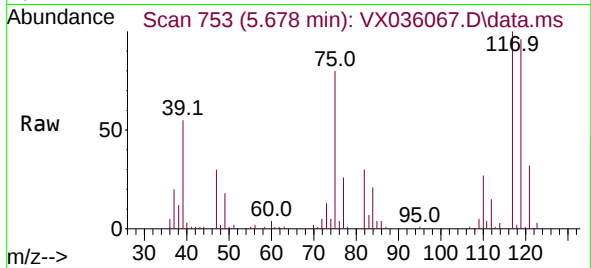
Tgt Ion: 97 Resp: 76840
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 47.1 36.6 55.0





#33
Carbon Tetrachloride
Concen: 23.172 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

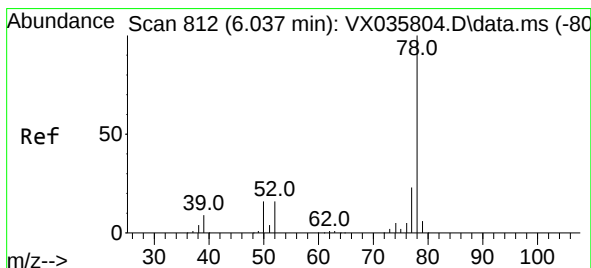
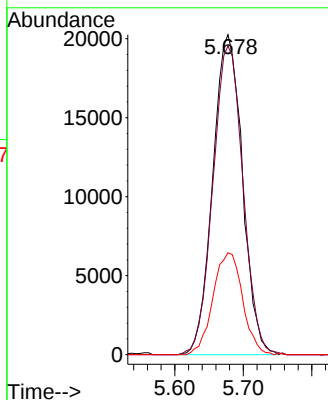
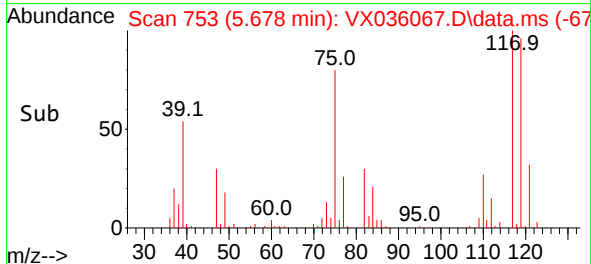
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 6069
Ion Ratio Lower Upper
117 100
119 96.5 73.3 109.9
121 31.9 24.0 36.0

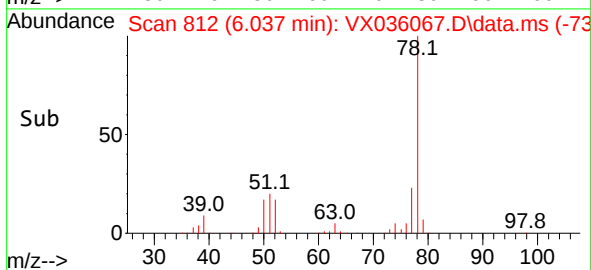
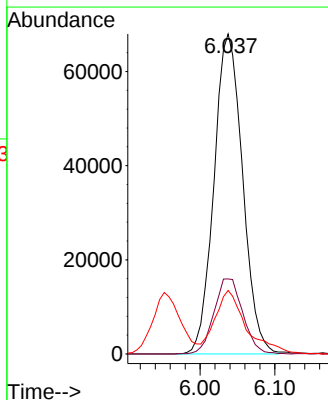
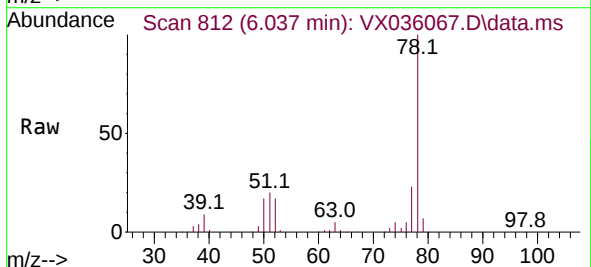
Manual Integrations
APPROVED

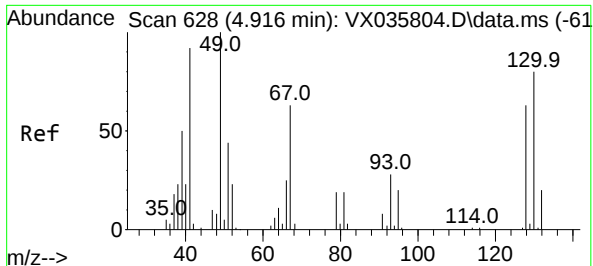
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#34
Benzene
Concen: 20.184 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

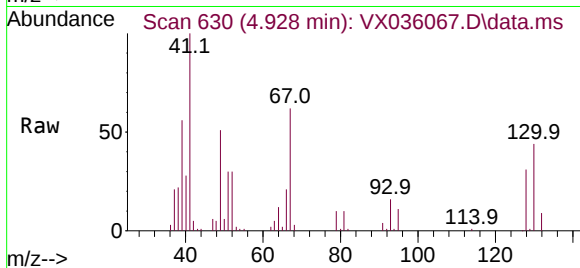
Tgt Ion: 78 Resp: 180868
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4
51 17.6 14.6 21.8





#35
Methacrylonitrile
Concen: 21.431 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

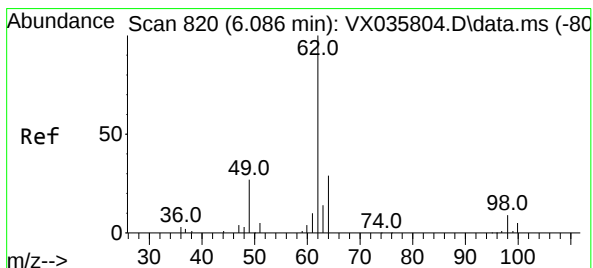
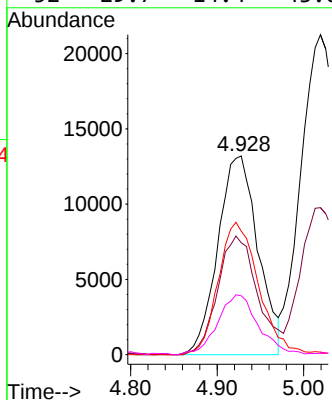
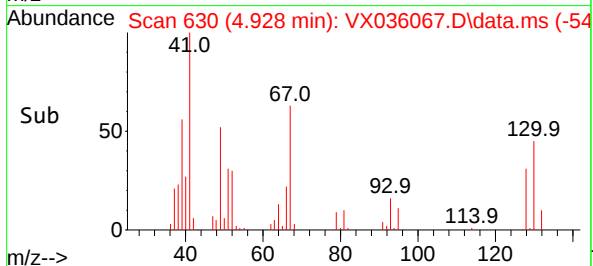
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 4252
Ion Ratio Lower Upper
41 100
39 56.4 28.0 84.0
67 62.1 31.6 94.7
52 29.7 14.4 43.0

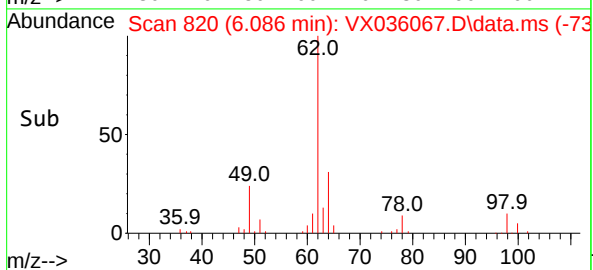
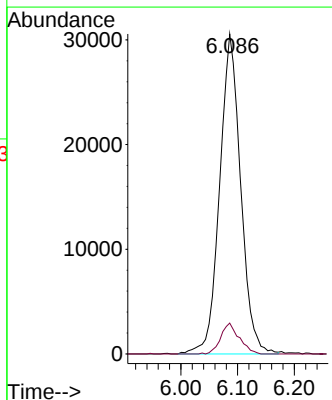
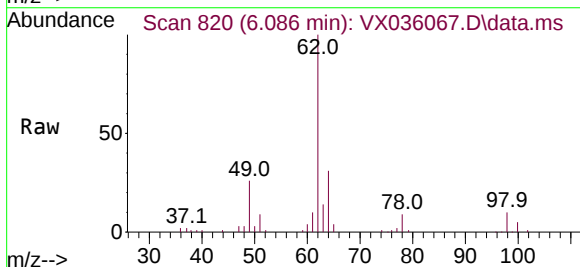
Manual Integrations
APPROVED

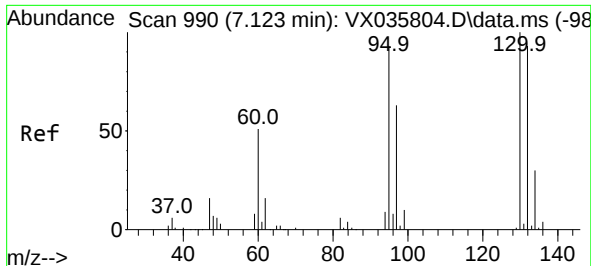
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#36
1,2-Dichloroethane
Concen: 22.594 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

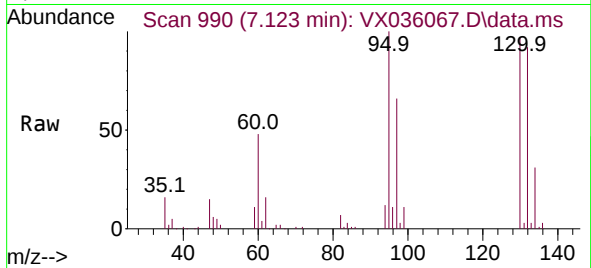
Tgt Ion: 62 Resp: 78793
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.6





#37
Trichloroethene
Concen: 20.197 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

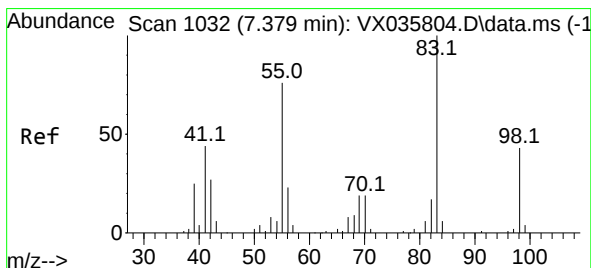
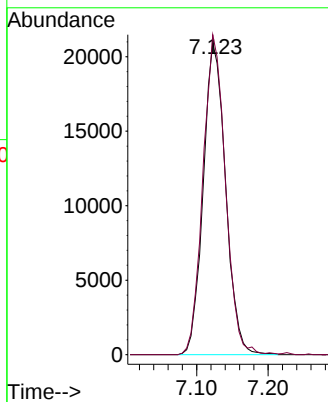
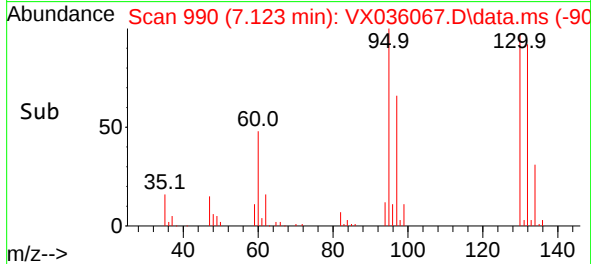
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



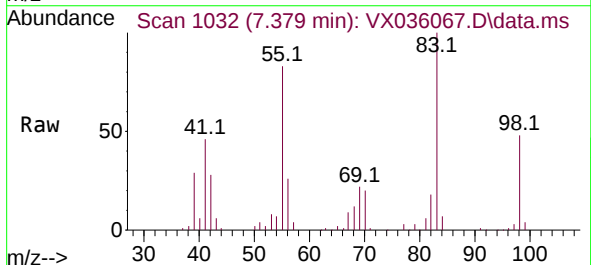
Tgt Ion:130 Resp: 45492
Ion Ratio Lower Upper
130 100
95 102.7 77.8 116.6

Manual Integrations
APPROVED

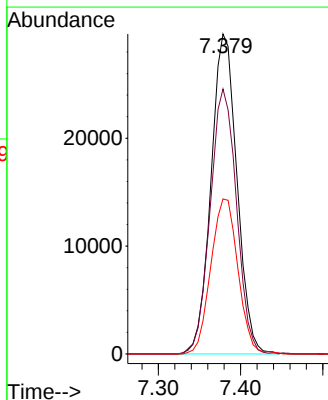
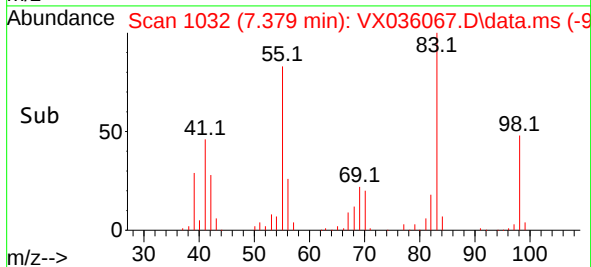
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

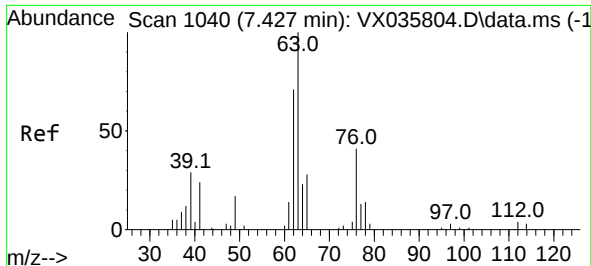


#38
Methylcyclohexane
Concen: 20.922 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



Tgt Ion: 83 Resp: 65173
Ion Ratio Lower Upper
83 100
55 83.8 38.8 116.4
98 50.3 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.732 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 5000

Ion Ratio Lower Upper

63 100

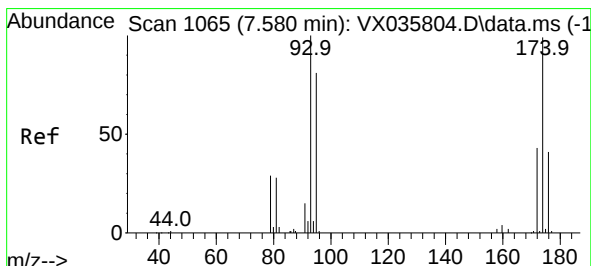
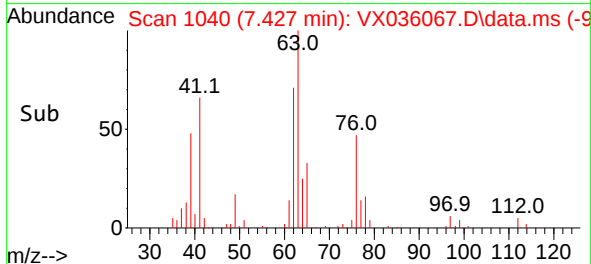
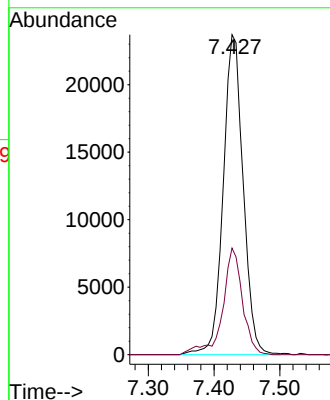
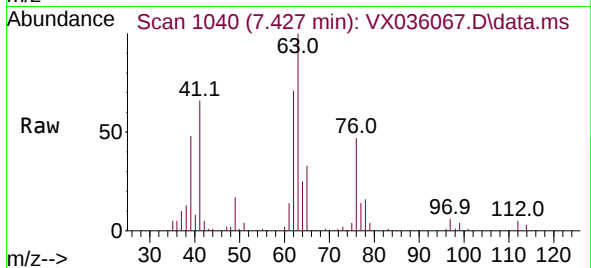
65 33.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#40

Dibromomethane

Concen: 20.676 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

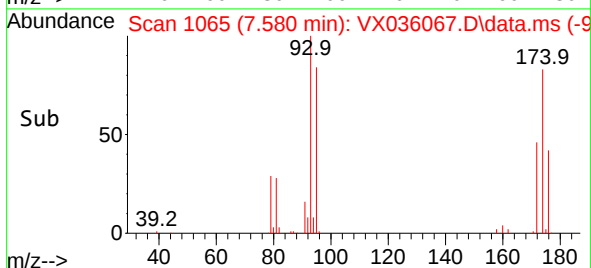
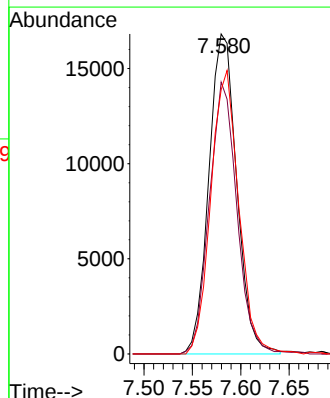
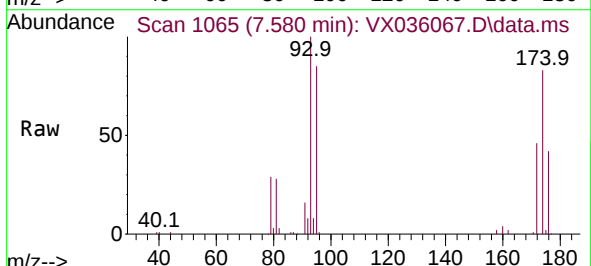
Tgt Ion: 93 Resp: 33728

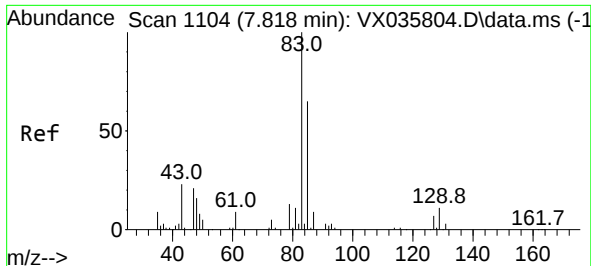
Ion Ratio Lower Upper

93 100

95 83.9 0.0 165.8

174 88.6 0.0 188.8





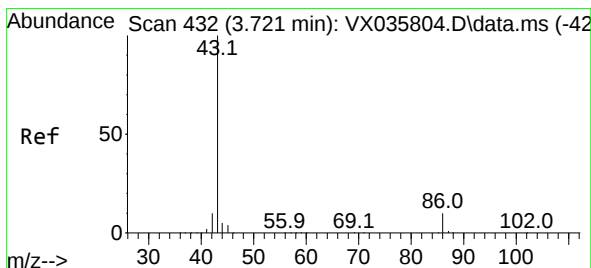
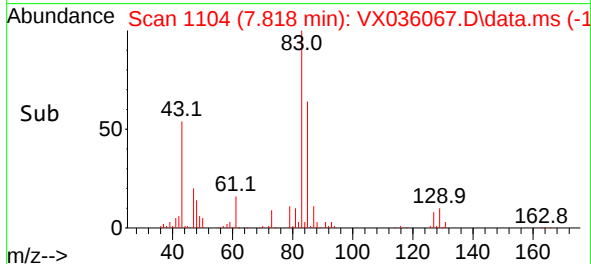
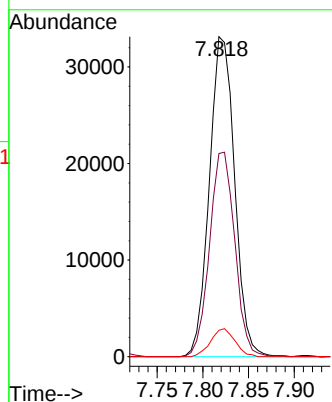
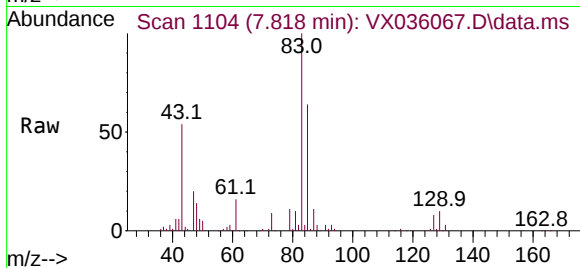
#41
Bromodichloromethane
Concen: 21.584 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6365
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 8.2 8.2 12.4

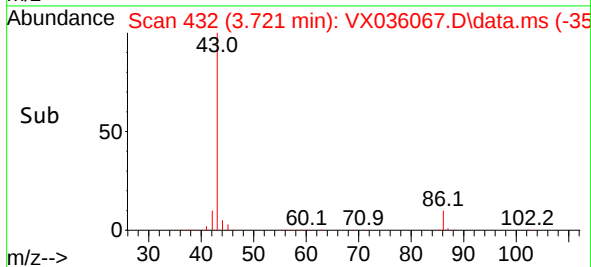
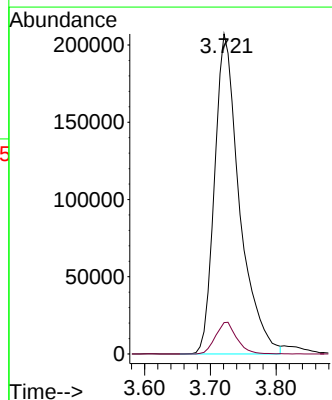
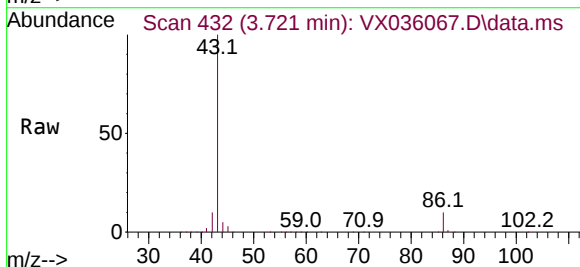
Manual Integrations
APPROVED

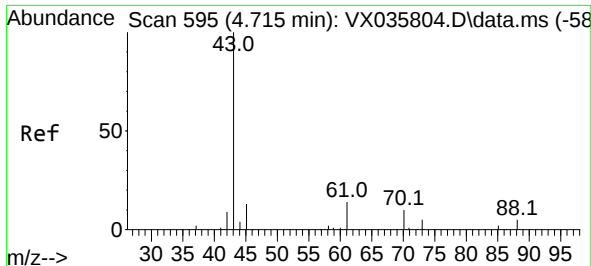
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#42
Vinyl Acetate
Concen: 100.200 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

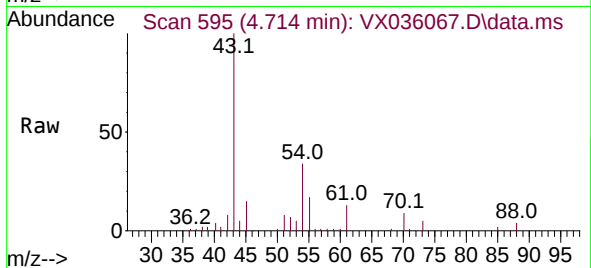
Tgt Ion: 43 Resp: 547269
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43
Ethyl Acetate
Concen: 20.540 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

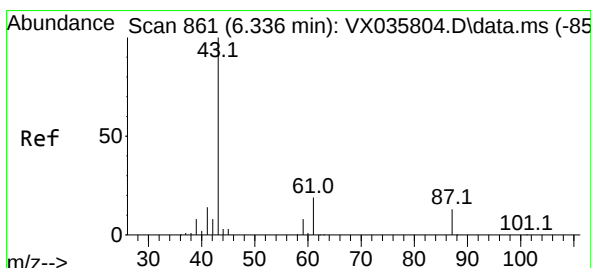
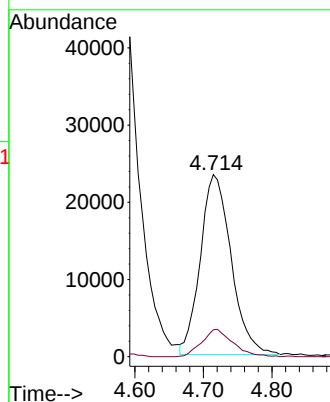
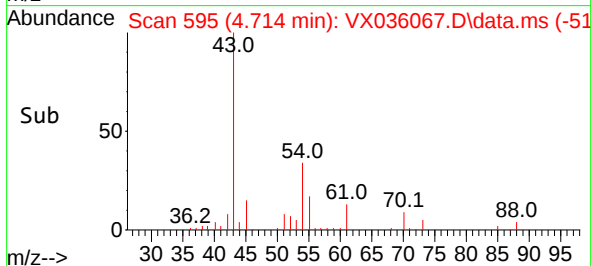
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



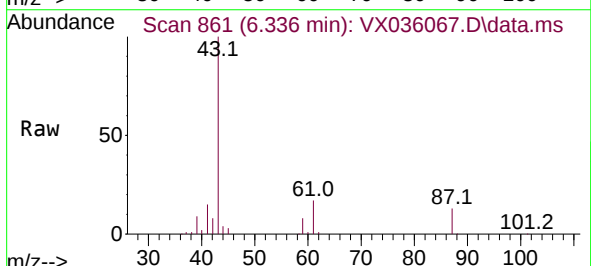
Tgt Ion: 43 Resp: 7283
Ion Ratio Lower Upper
43 100
45 15.3 12.0 18.0

Manual Integrations
APPROVED

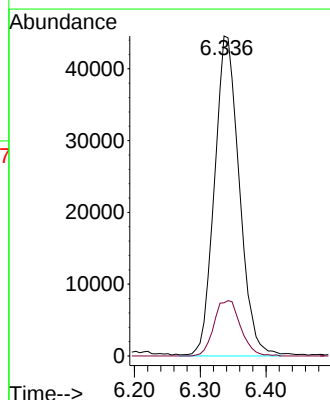
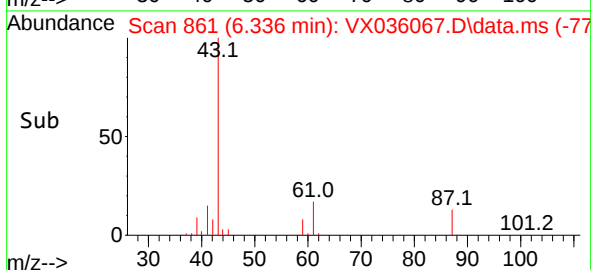
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

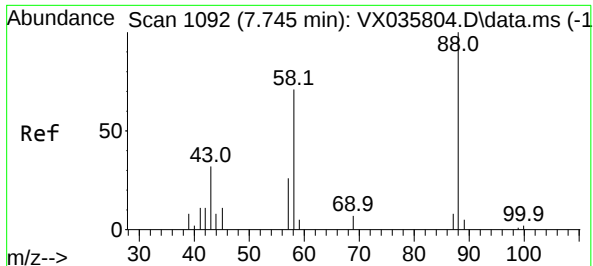


#44
Isopropyl Acetate
Concen: 20.288 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



Tgt Ion: 43 Resp: 117274
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.0





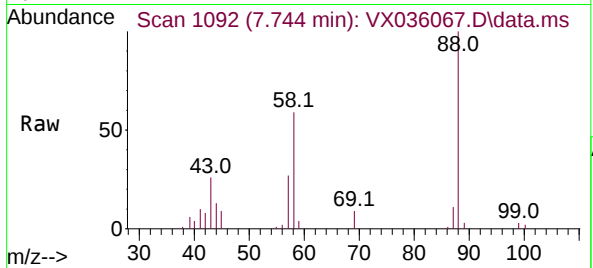
#45
1,4-Dioxane
Concen: 431.372 ug/l
RT: 7.744 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



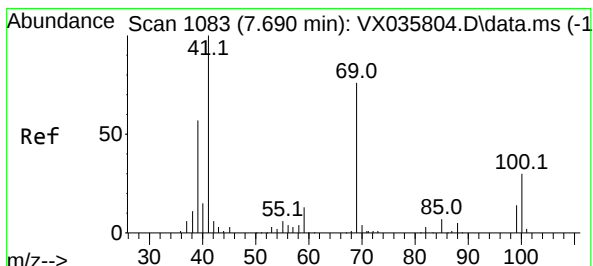
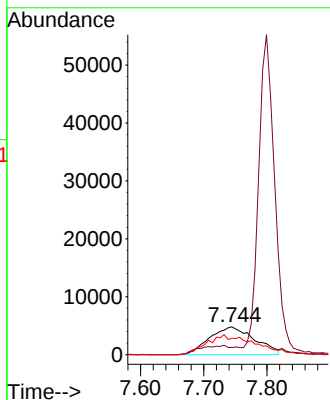
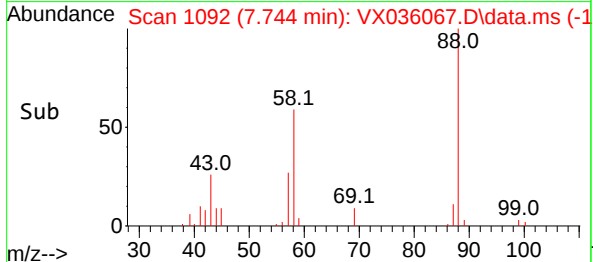
Tgt Ion: 88 Resp: 2368
Ion Ratio Lower Upper
88 100
43 12.1 26.5 39.7
58 34.7 55.6 83.4

Manual Integrations

APPROVED

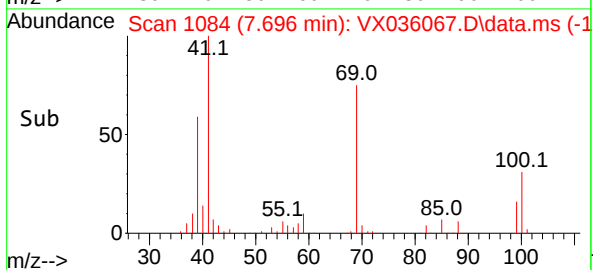
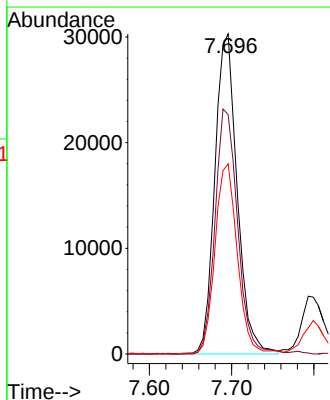
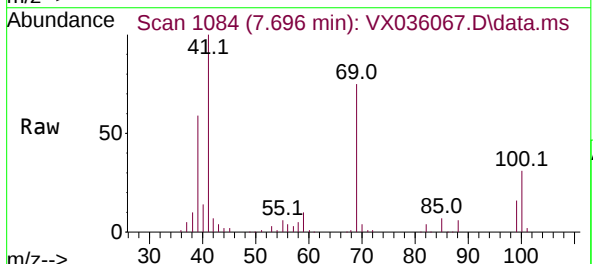
Reviewed By :John Carlone 06/08/2023

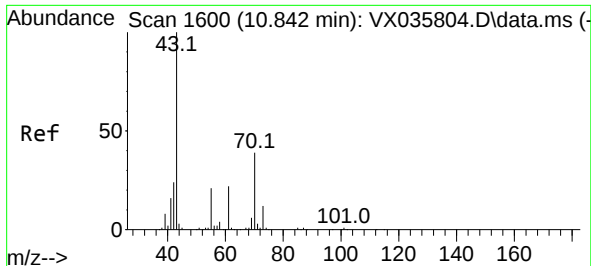
Supervised By :Mahesh Dadoda 06/08/2023



#46
Methyl methacrylate
Concen: 20.493 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

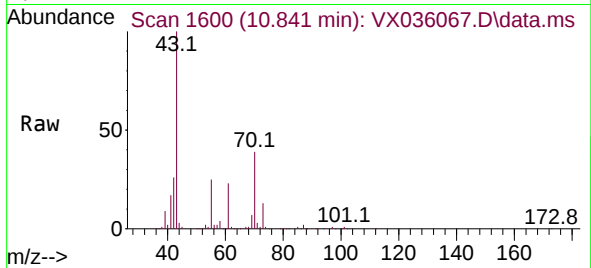
Tgt Ion: 41 Resp: 57236
Ion Ratio Lower Upper
41 100
69 74.8 38.1 114.5
39 59.4 31.4 94.3





#47
n-amy1 Acetate
Concen: 19.799 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

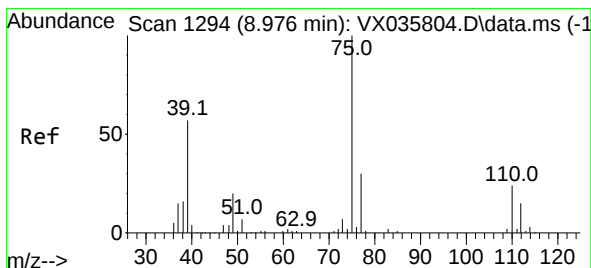
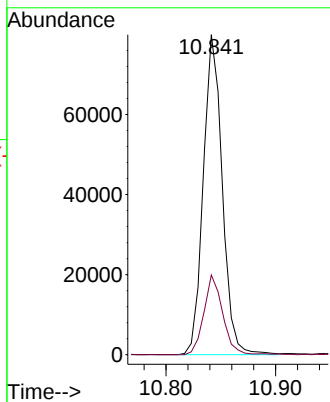
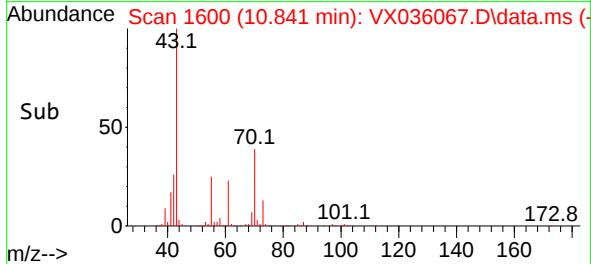
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 9612
Ion Ratio Lower Upper
43 100
55 24.5 18.6 28.0

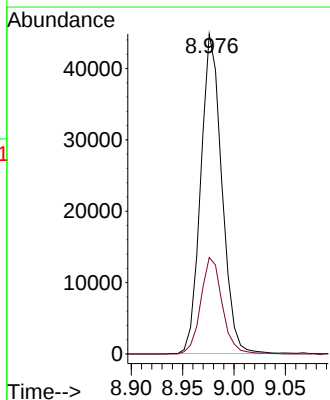
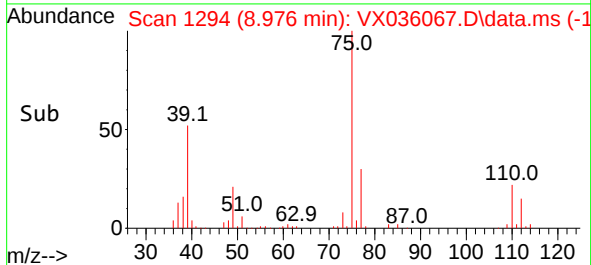
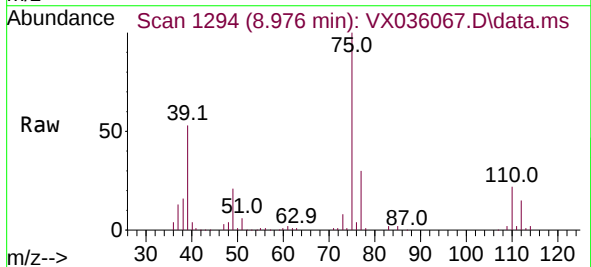
Manual Integrations
APPROVED

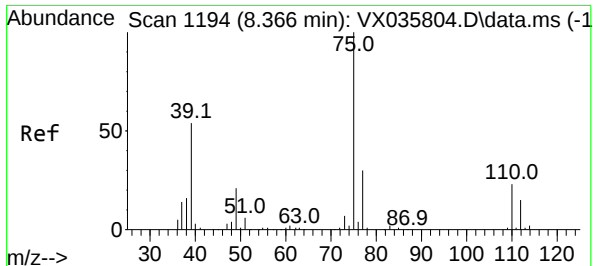
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#48
t-1,3-Dichloropropene
Concen: 19.586 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 75 Resp: 63900
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.526 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 7030

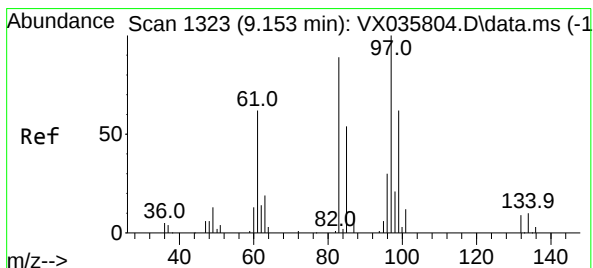
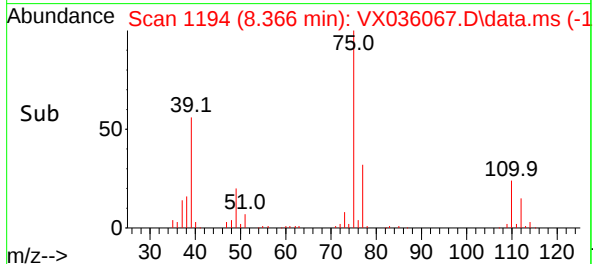
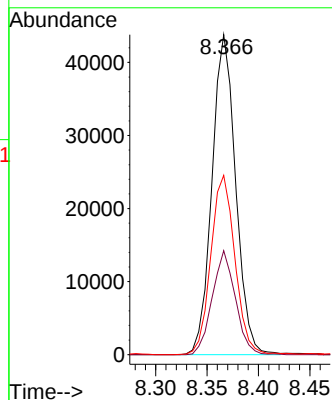
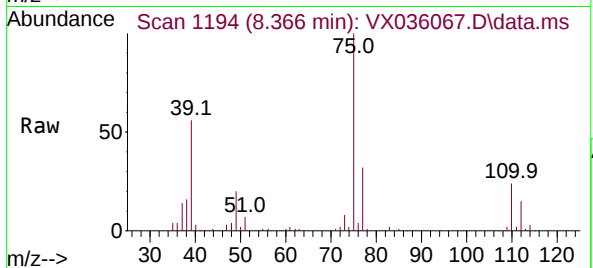
Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.6	37.0
39	55.9	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#50

1,1,2-Trichloroethane

Concen: 20.954 ug/l

RT: 9.153 min Scan# 1323

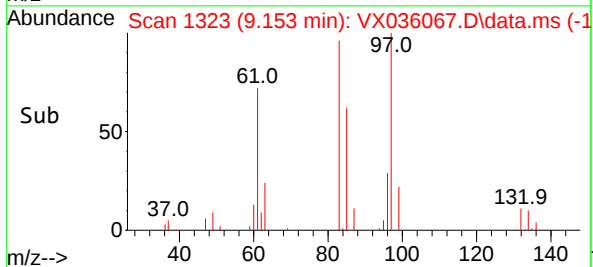
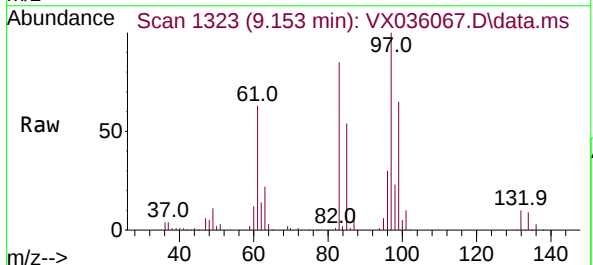
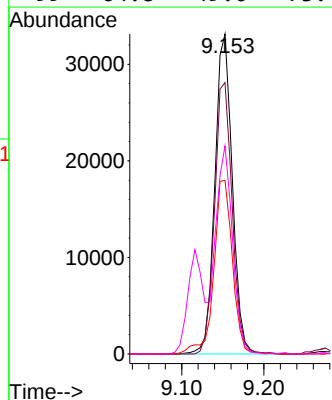
Delta R.T. -0.000 min

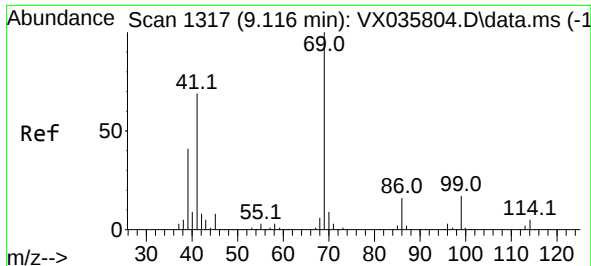
Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Tgt Ion: 97 Resp: 48905

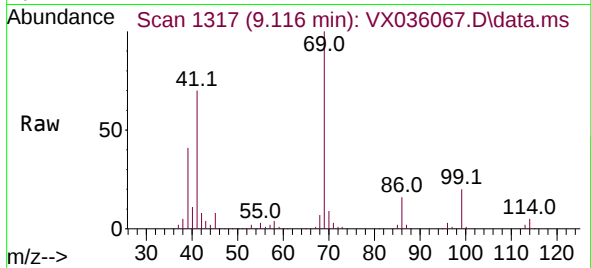
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.9	103.3
85	54.2	44.0	66.0
99	64.8	49.0	73.4





#51
Ethyl methacrylate
Concen: 20.347 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

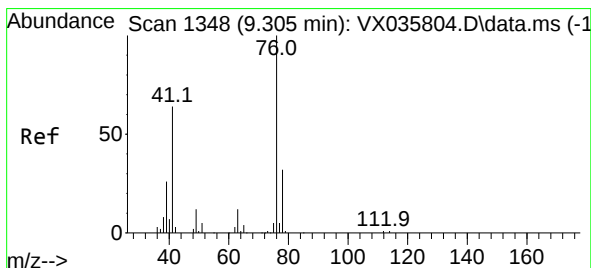
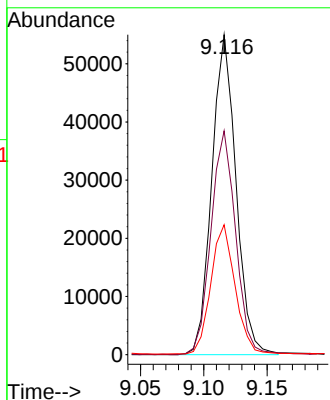
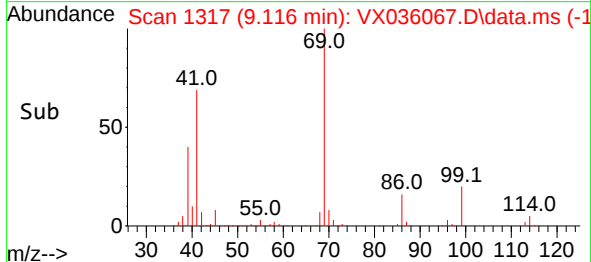
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 73200
Ion Ratio Lower Upper
69 100
41 69.9 36.2 108.6
39 40.3 21.2 63.6

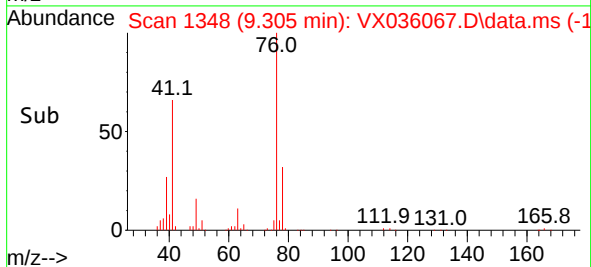
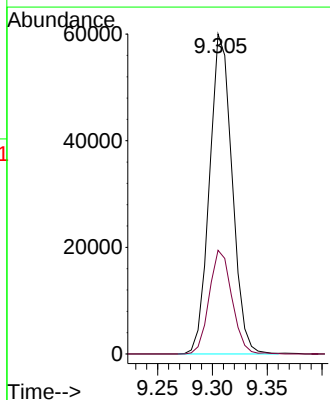
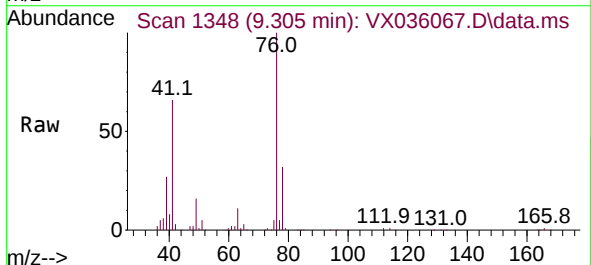
Manual Integrations
APPROVED

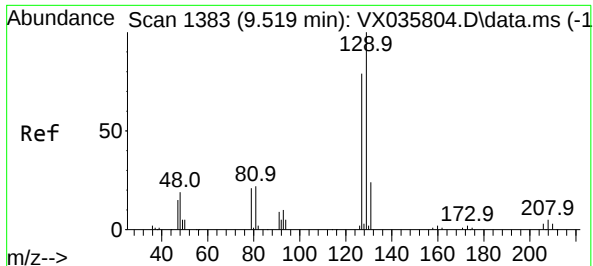
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#52
1,3-Dichloropropane
Concen: 21.170 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

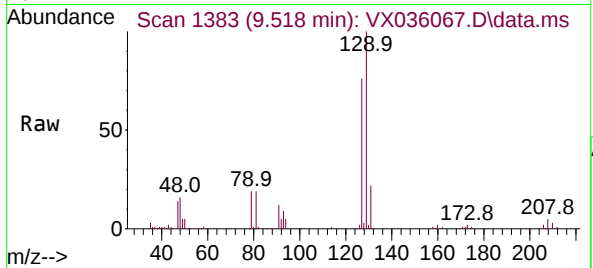
Tgt Ion: 76 Resp: 86103
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.8





#53
Dibromochloromethane
Concen: 21.500 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

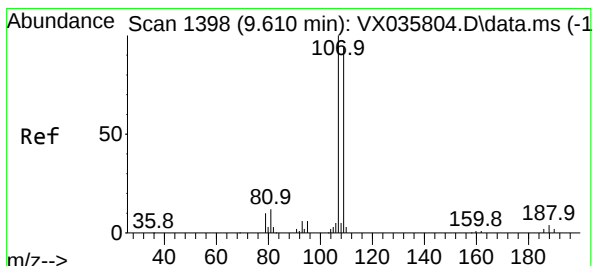
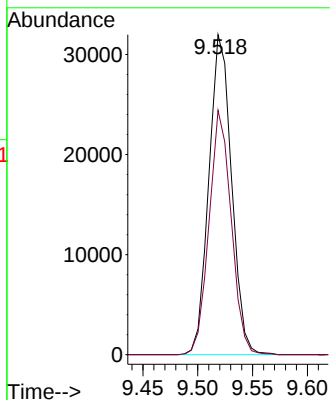
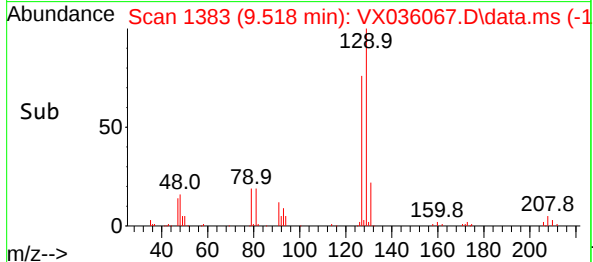
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



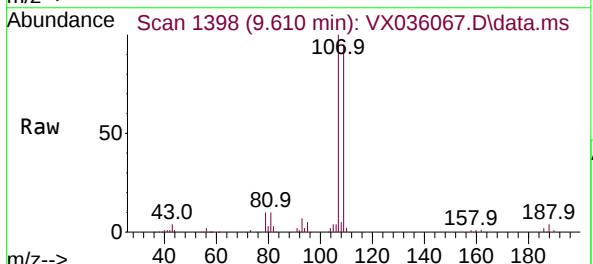
Tgt Ion:129 Resp: 4601
Ion Ratio Lower Upper
129 100
127 74.7 39.1 117.5

Manual Integrations
APPROVED

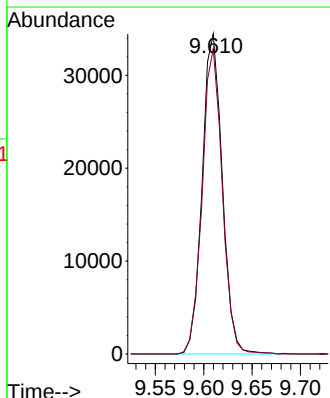
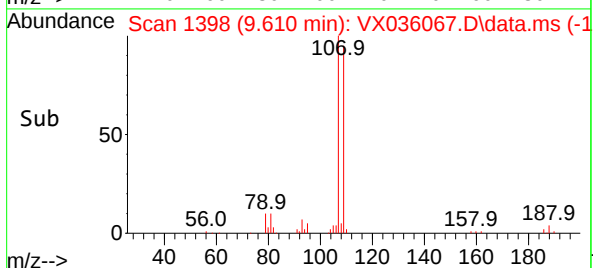
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

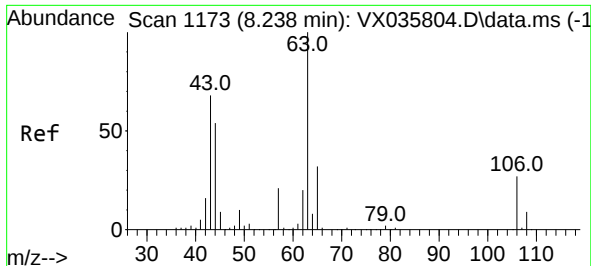


#54
1,2-Dibromoethane
Concen: 20.588 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



Tgt Ion:107 Resp: 49921
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 108.889 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 20789

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2

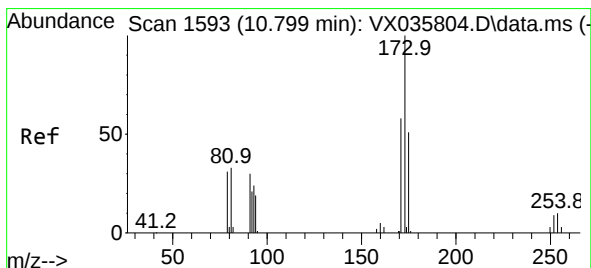
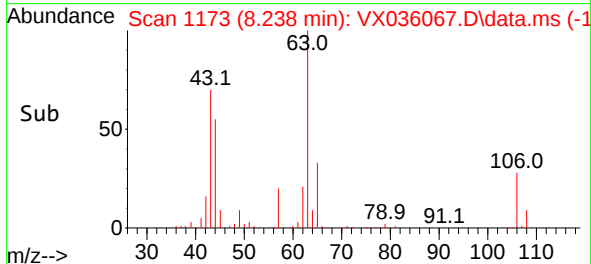
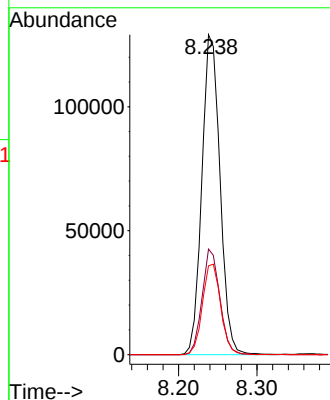
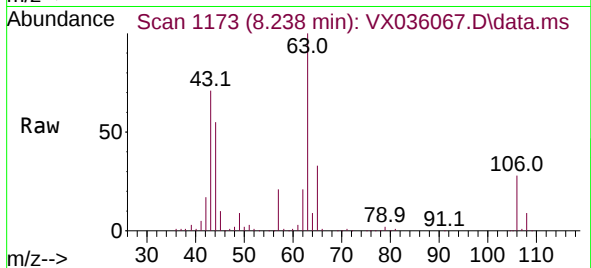
106 28.5 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#56

Bromoform

Concen: 20.575 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

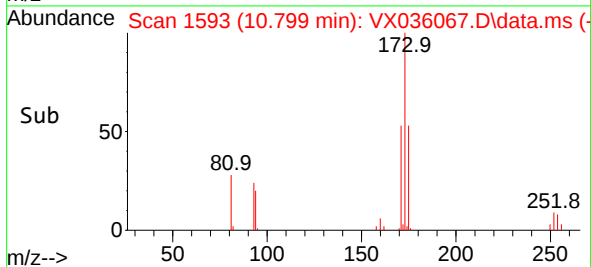
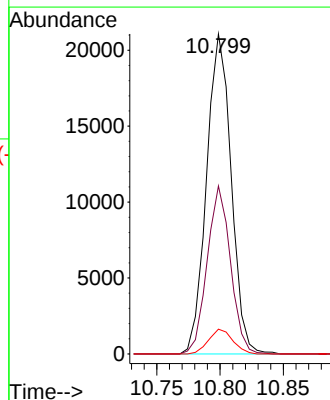
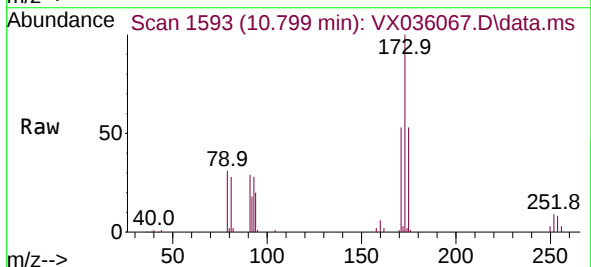
Tgt Ion:173 Resp: 28547

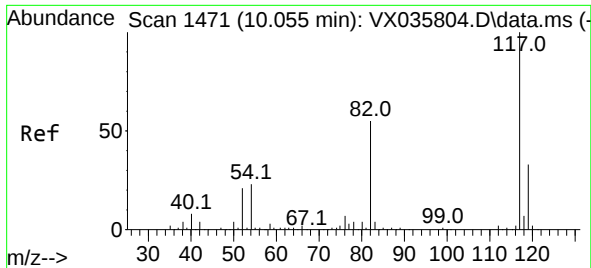
Ion Ratio Lower Upper

173 100

175 49.7 37.0 55.4

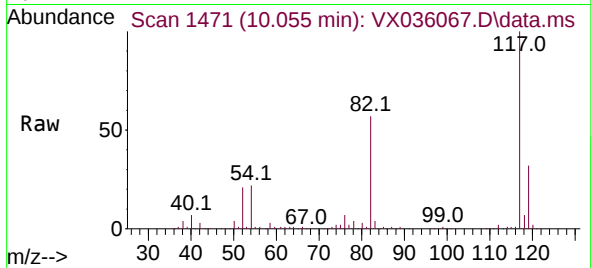
254 7.6 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

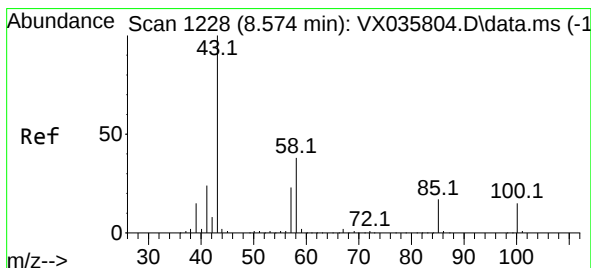
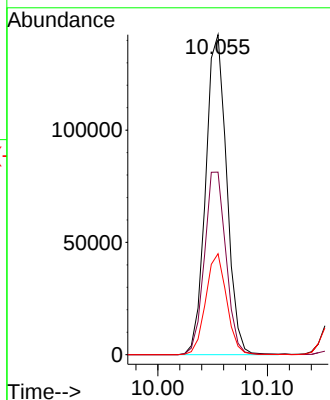
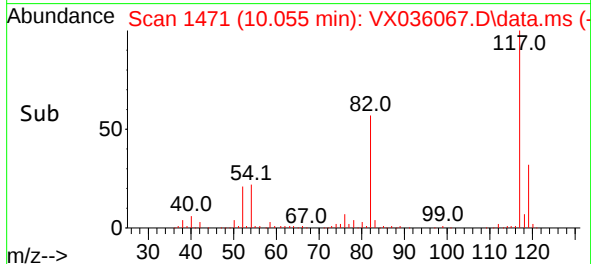
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 189835
Ion Ratio Lower Upper
117 100
82 58.5 45.8 68.8
119 31.4 25.4 38.0

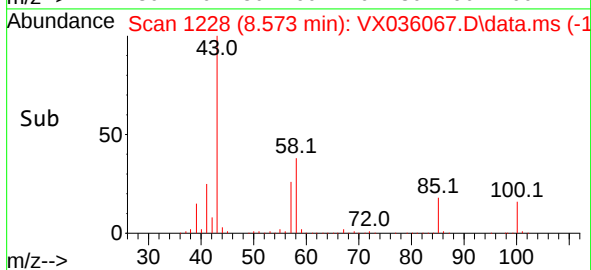
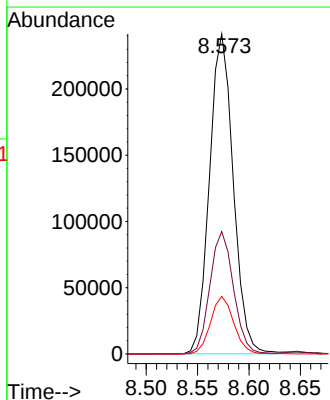
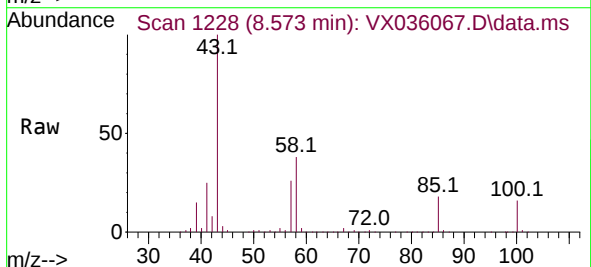
Manual Integrations
APPROVED

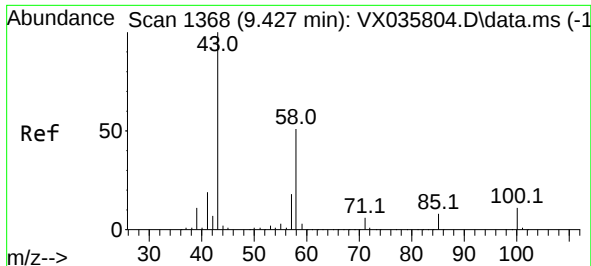
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#58
4-Methyl-2-Pentanone
Concen: 105.376 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 43 Resp: 388550
Ion Ratio Lower Upper
43 100
58 38.0 29.9 44.9
85 17.6 13.2 19.8





#59

2-Hexanone

Concen: 104.765 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 290669

Ion Ratio Lower Upper

43 100

58 52.8 41.7 62.5

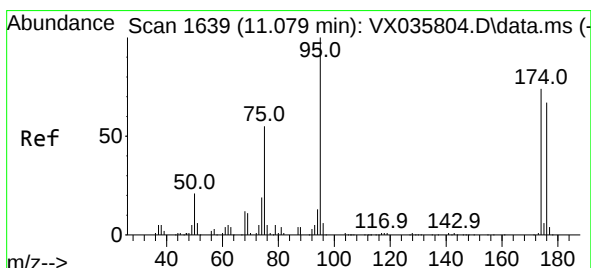
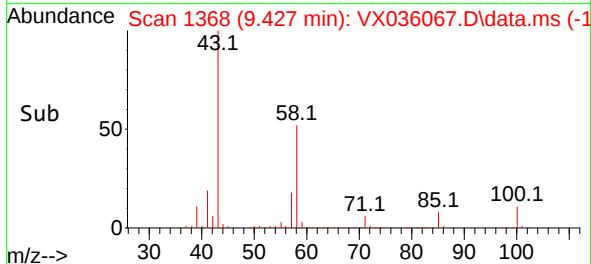
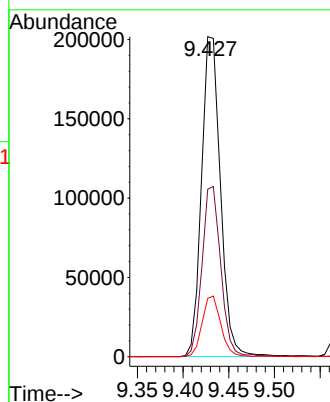
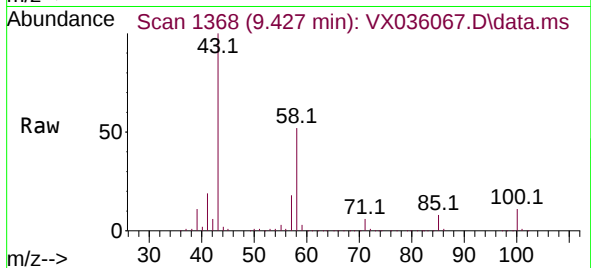
57 18.7 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#60

4-Bromofluorobenzene

Concen: 31.553 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

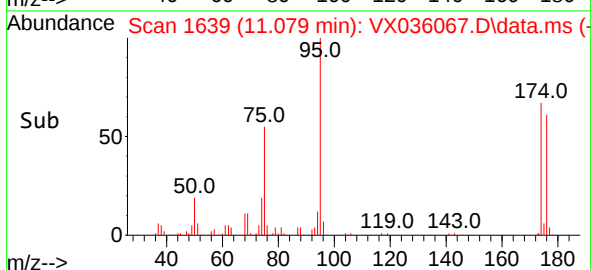
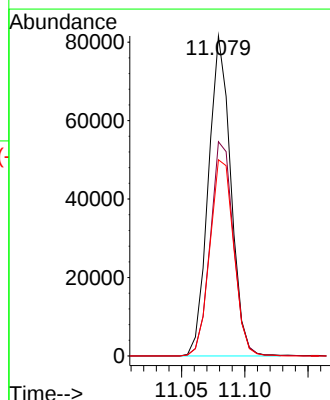
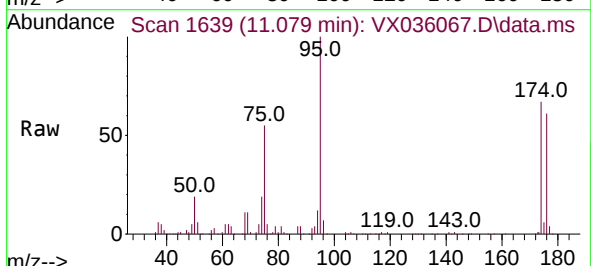
Tgt Ion: 95 Resp: 100509

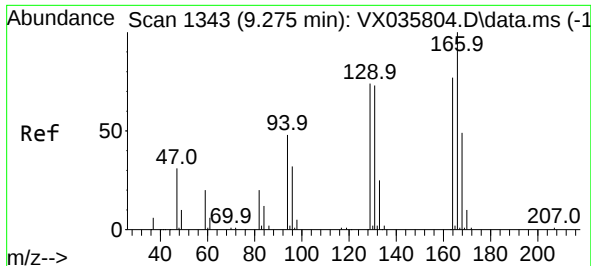
Ion Ratio Lower Upper

95 100

174 69.2 0.2 0.4#

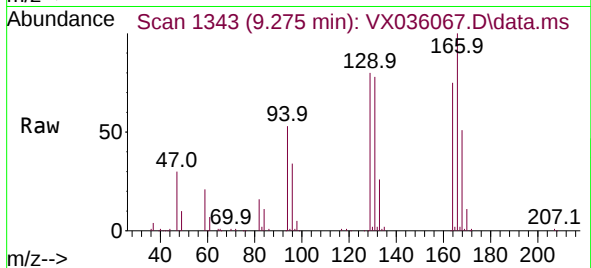
176 65.3 0.2 0.2#





#61
Tetrachloroethene
Concen: 20.364 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

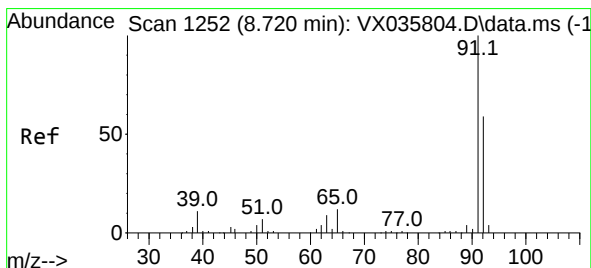
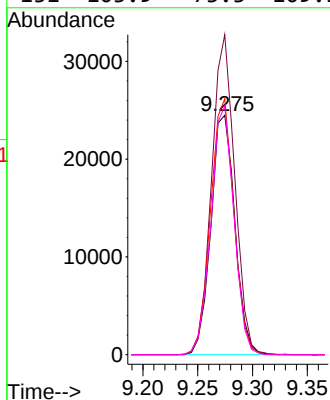
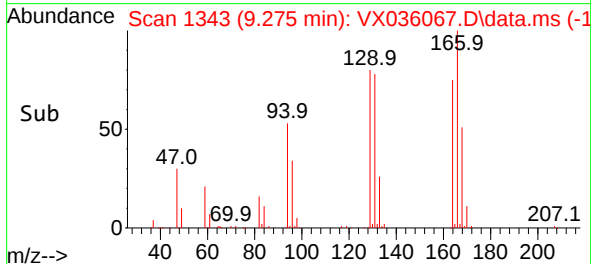
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 37230
Ion Ratio Lower Upper
164 100
166 133.7 100.1 150.1
129 106.9 79.1 118.7
131 103.9 73.3 109.9

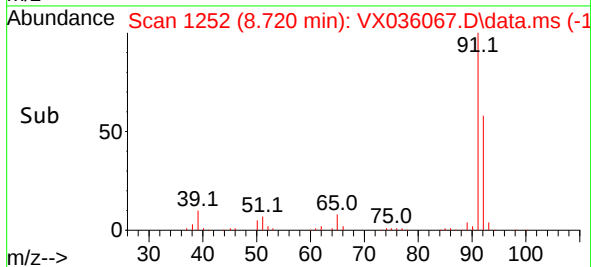
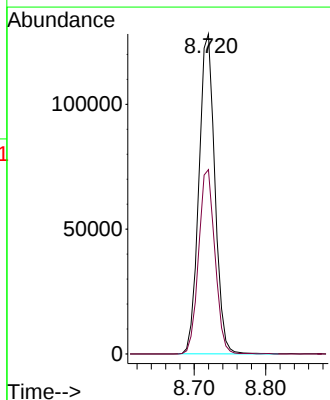
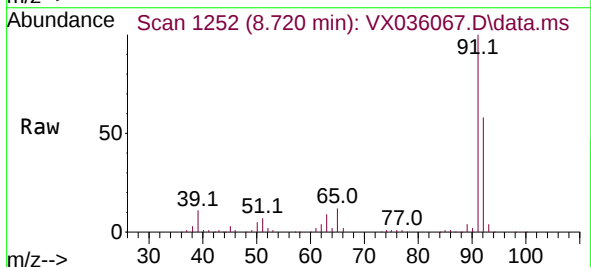
Manual Integrations
APPROVED

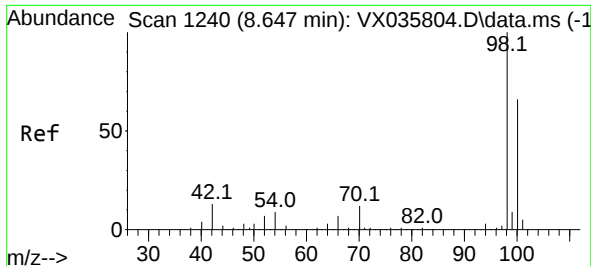
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#62
Toluene
Concen: 20.311 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

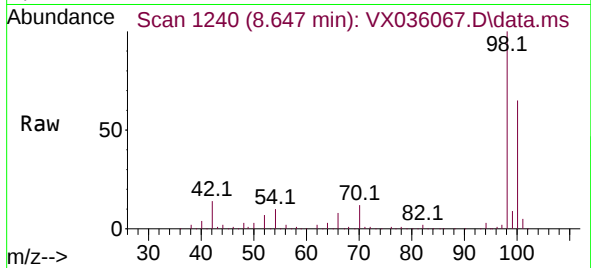
Tgt Ion: 91 Resp: 198563
Ion Ratio Lower Upper
91 100
92 58.7 46.5 69.7





#63
Toluene-d8
Concen: 30.371 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

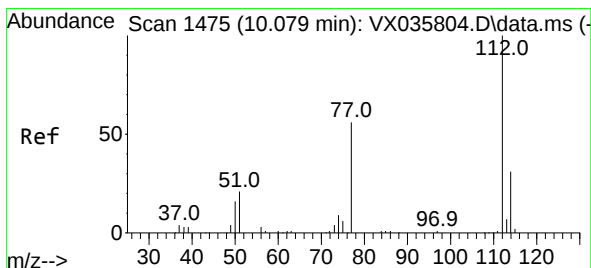
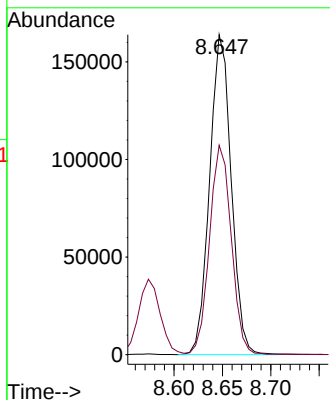
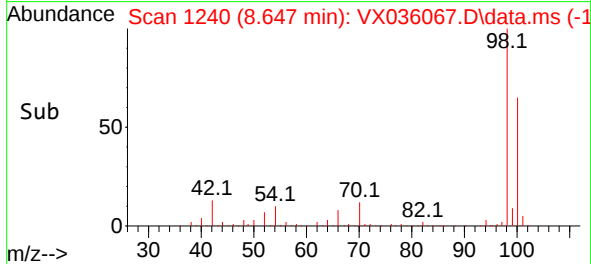
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



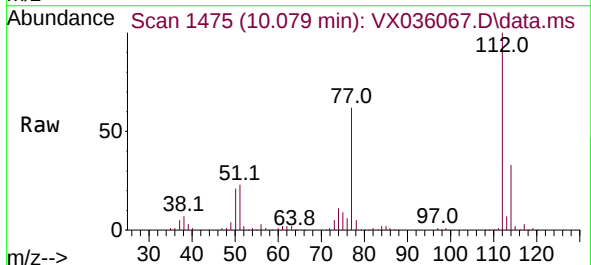
Tgt Ion: 98 Resp: 25488
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

Manual Integrations
APPROVED

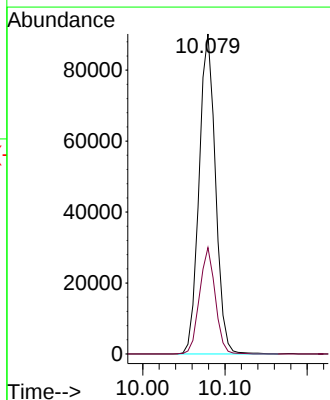
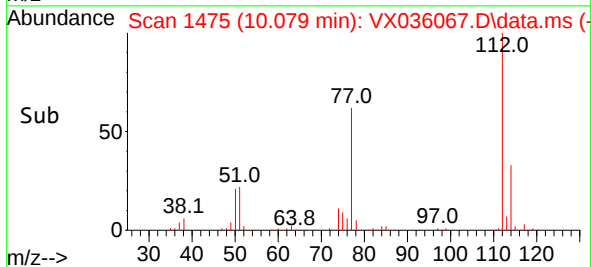
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

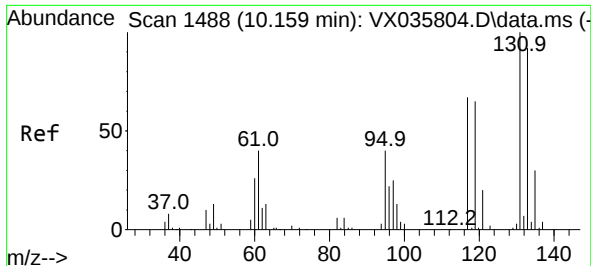


#64
Chlorobenzene
Concen: 20.206 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



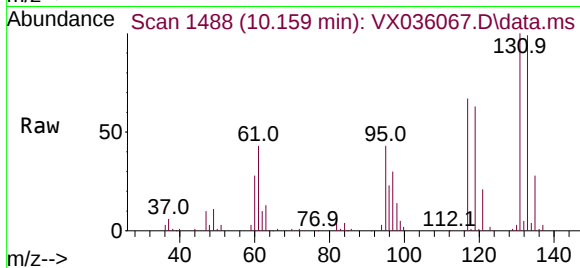
Tgt Ion:112 Resp: 125105
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.445 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

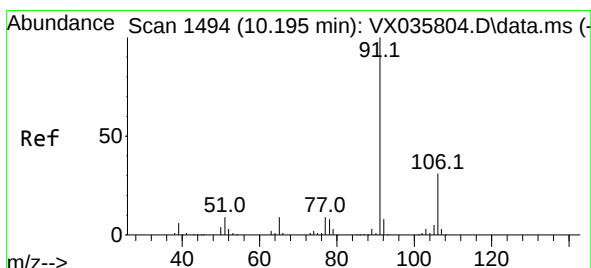
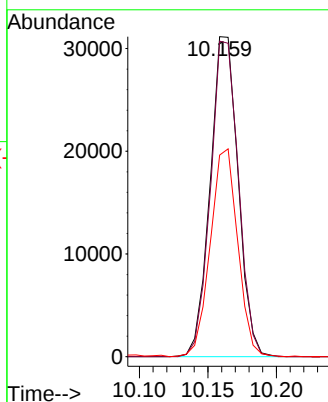
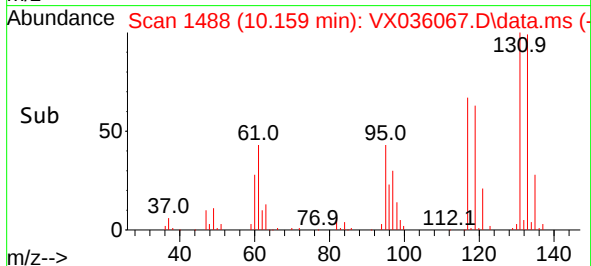
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 44254
Ion Ratio Lower Upper
131 100
133 98.2 0.0 186.6
119 63.6 0.0 128.6

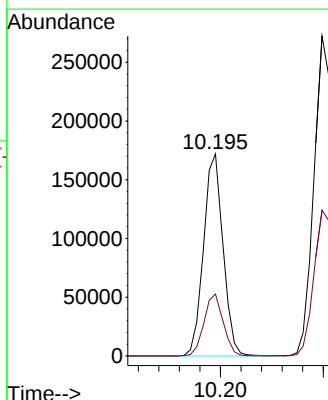
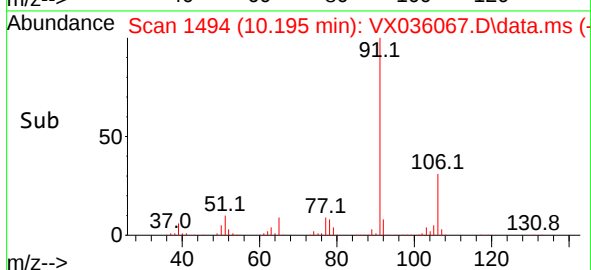
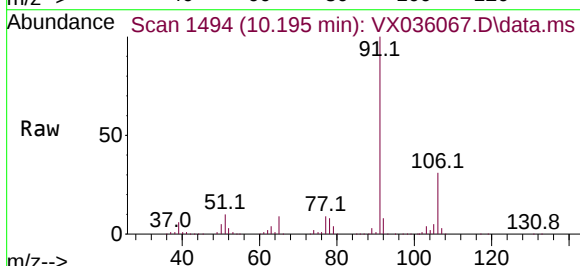
Manual Integrations
APPROVED

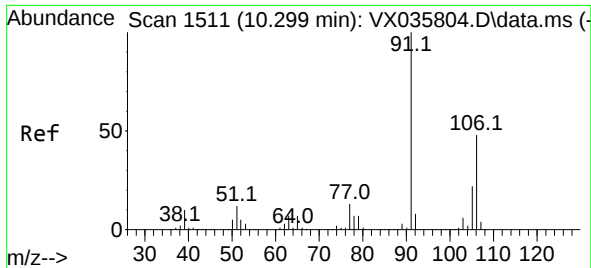
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#66
Ethyl Benzene
Concen: 20.676 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion: 91 Resp: 226059
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6





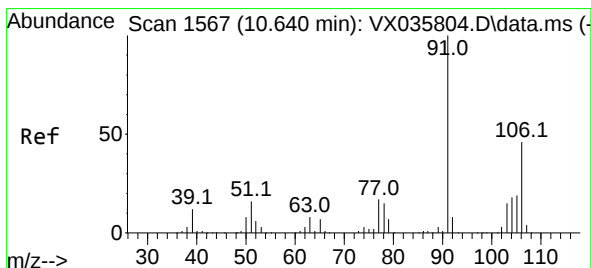
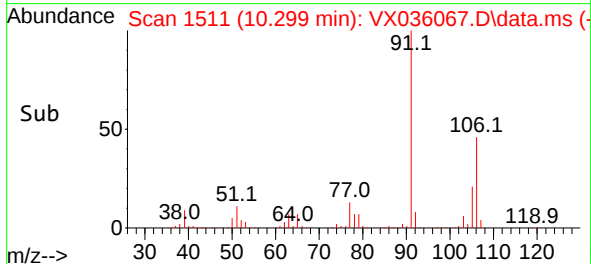
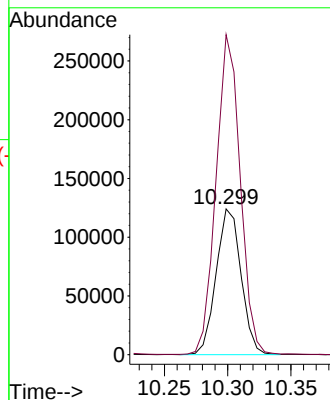
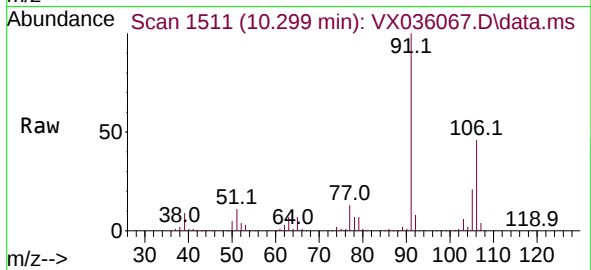
#67
m/p-Xylenes
Concen: 41.077 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 16999
Ion Ratio Lower Upper
106 100
91 212.3 167.4 251.2

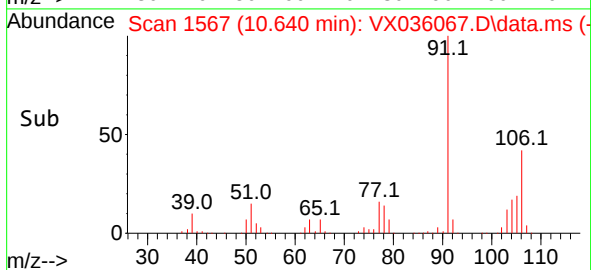
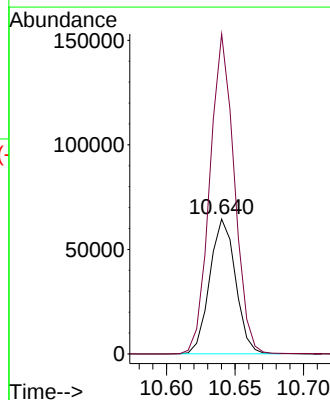
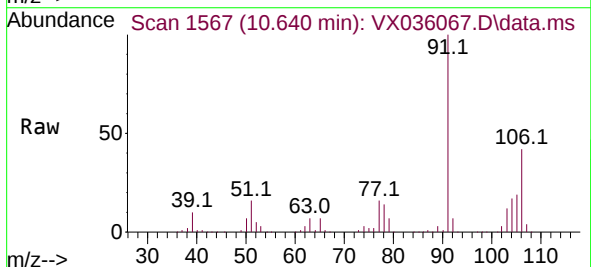
Manual Integrations
APPROVED

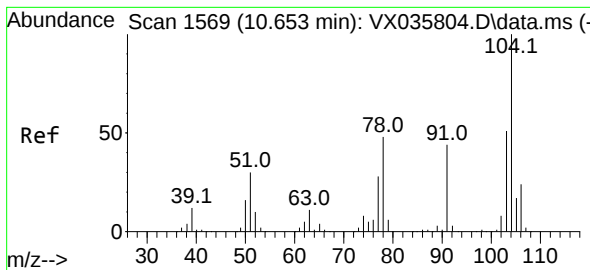
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#68
o-Xylene
Concen: 20.427 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Tgt Ion:106 Resp: 84555
Ion Ratio Lower Upper
106 100
91 225.6 108.9 326.8





#69

Styrene

Concen: 20.842 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

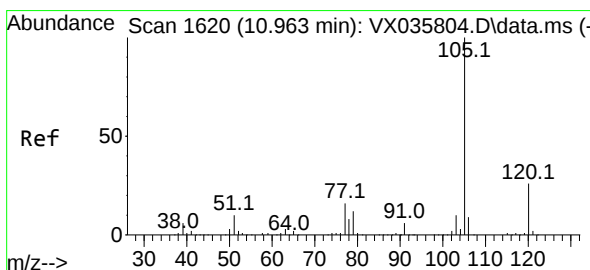
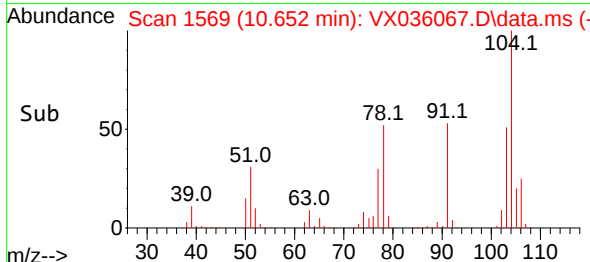
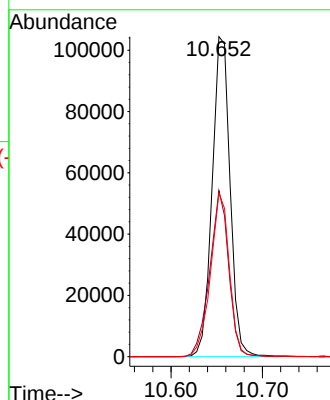
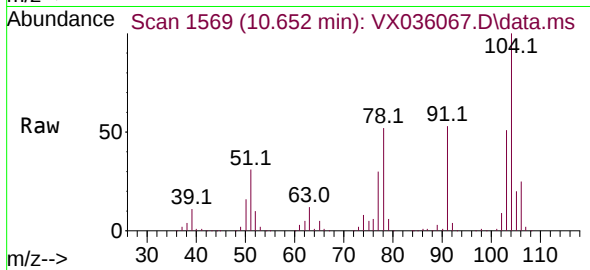
Tgt Ion:104 Resp: 142380
 Ion Ratio Lower Upper
 104 100
 78 54.9 42.8 64.2
 103 53.8 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#70

Isopropylbenzene

Concen: 21.255 ug/l

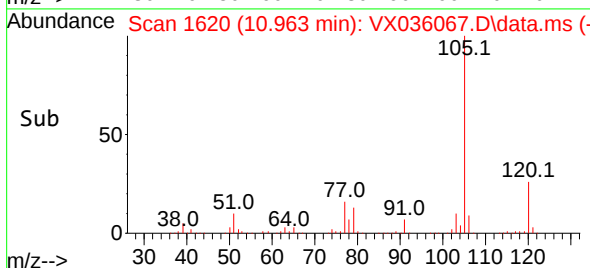
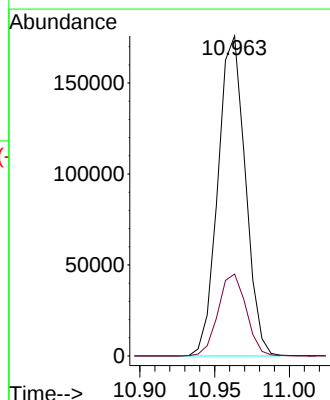
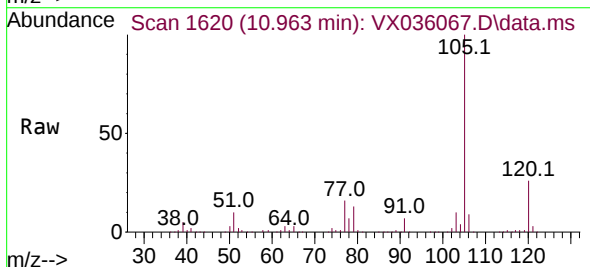
RT: 10.963 min Scan# 1620

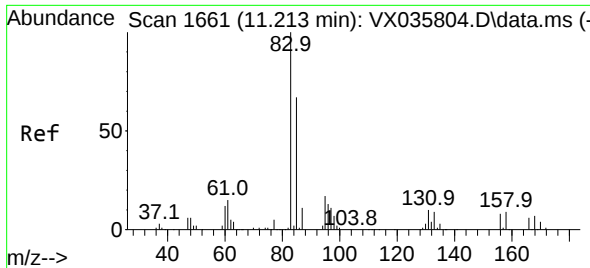
Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

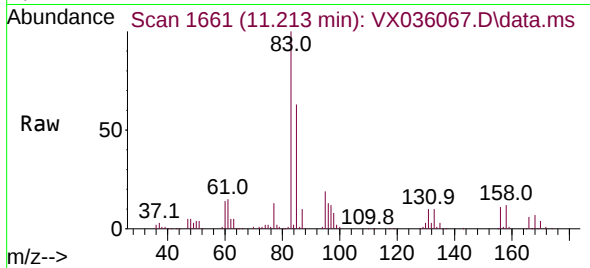
Tgt Ion:105 Resp: 224572
 Ion Ratio Lower Upper
 105 100
 120 26.1 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 21.018 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

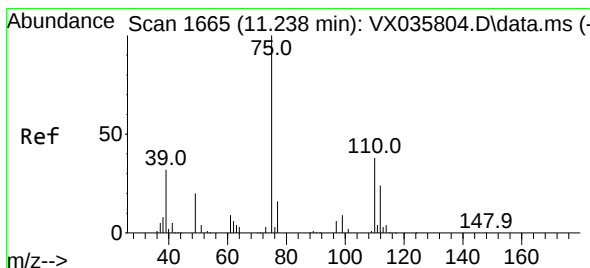
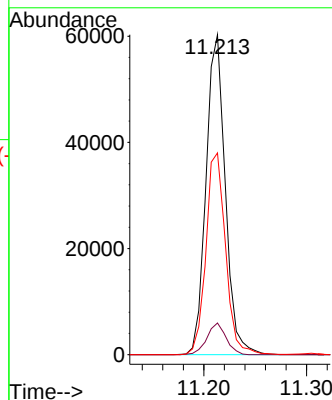
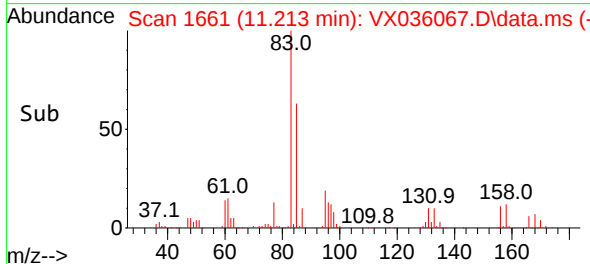
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



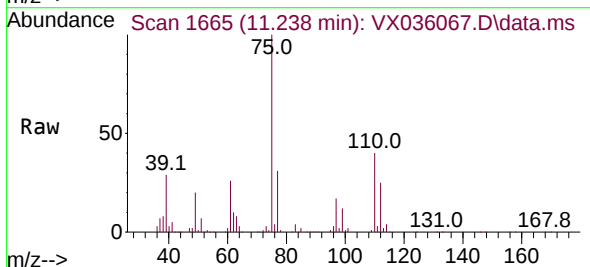
Tgt Ion: 83 Resp: 78659
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.4 31.9 95.5

Manual Integrations
APPROVED

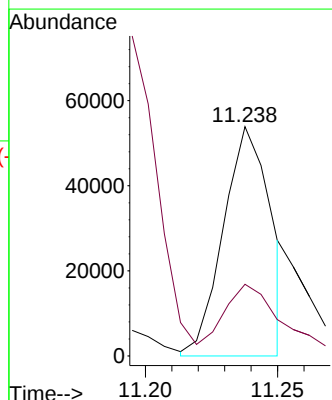
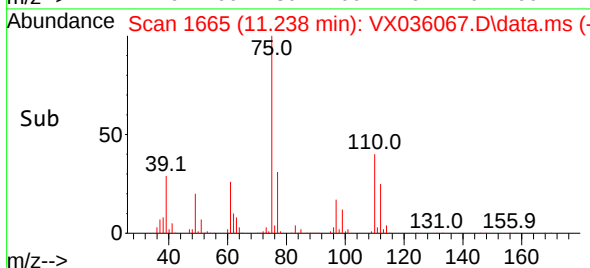
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

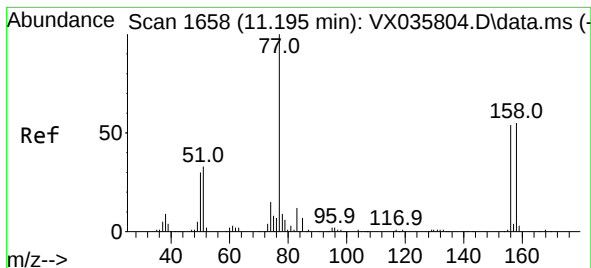


#72
1,2,3-Trichloropropane
Concen: 20.584 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



Tgt Ion: 75 Resp: 67093
Ion Ratio Lower Upper
75 100
77 39.6 0.0 73.8





#73

Bromobenzene

Concen: 20.059 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

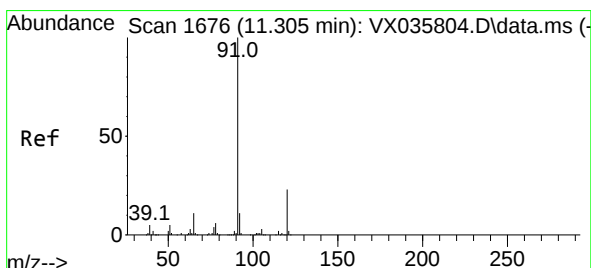
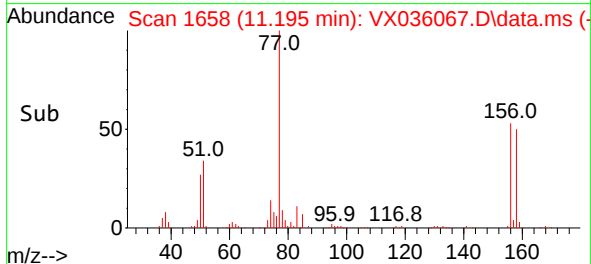
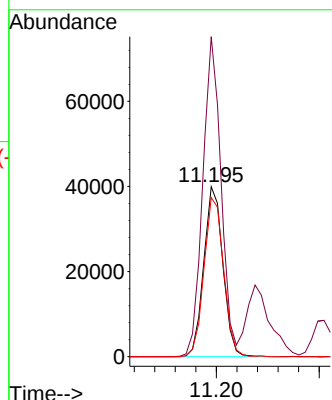
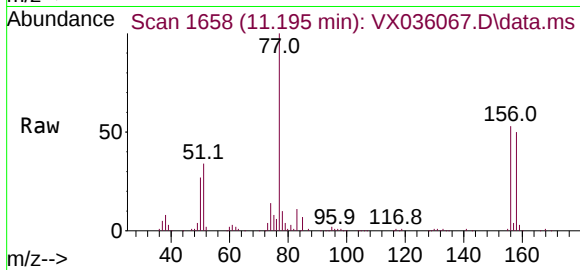
Tgt Ion:	156	Resp:	51490
Ion Ratio	Lower	Upper	
156	100		
77	180.6	0.0	330.8
158	96.1	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#74

n-propylbenzene

Concen: 20.621 ug/l

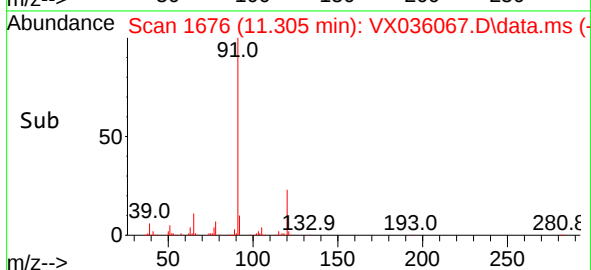
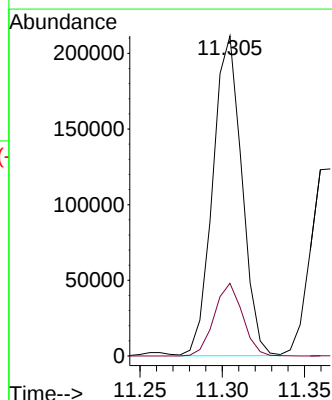
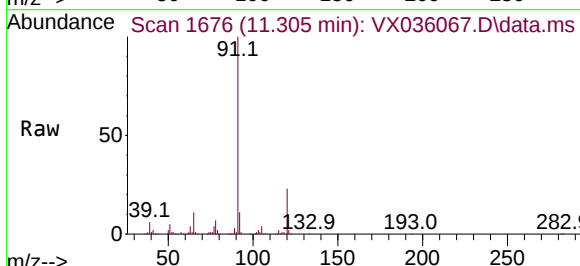
RT: 11.305 min Scan# 1676

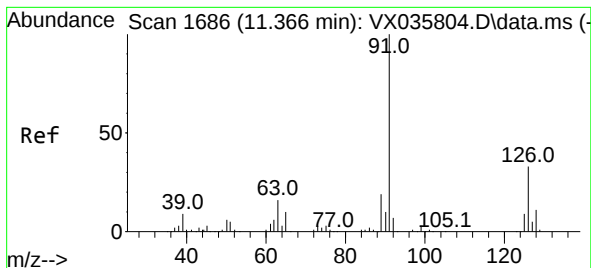
Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Tgt Ion:	91	Resp:	259709
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.8





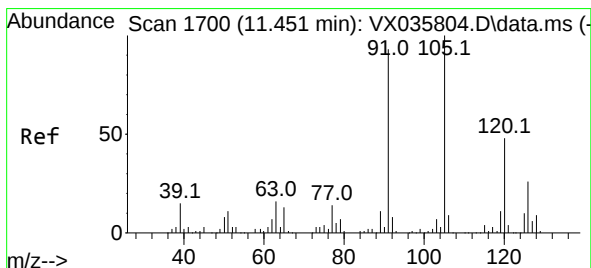
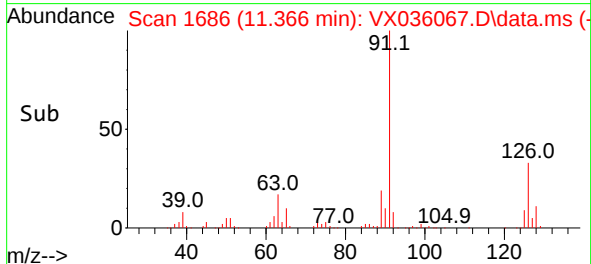
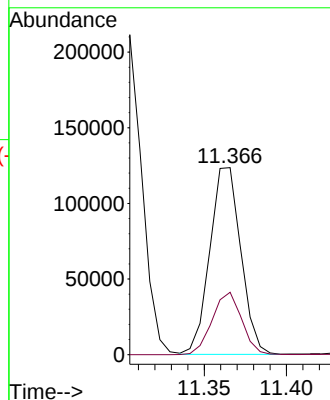
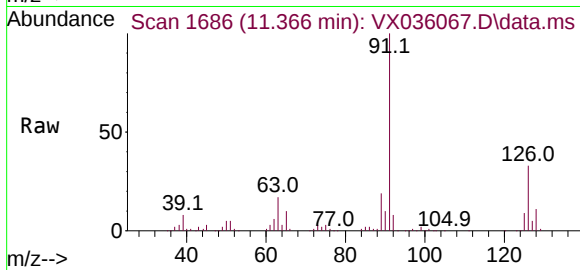
#75
2-Chlorotoluene
Concen: 20.970 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 162228
Ion Ratio Lower Upper
91 100
126 31.9 0.0 66.4

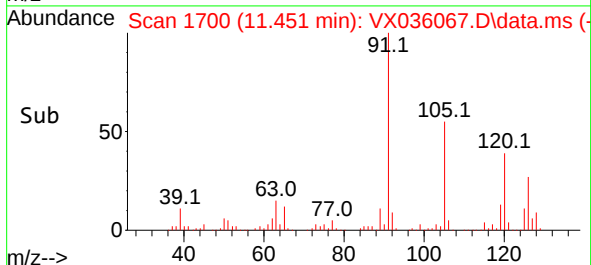
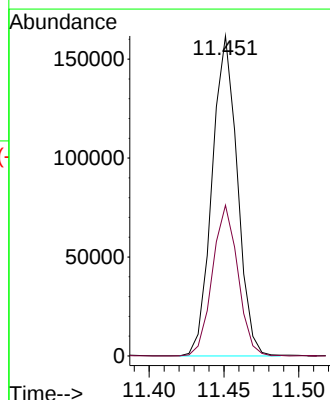
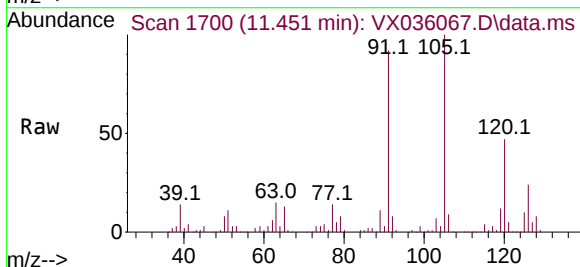
Manual Integrations
APPROVED

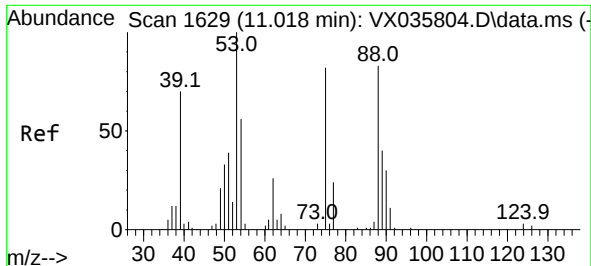
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.155 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

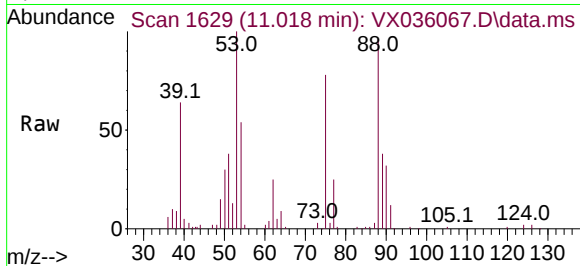
Tgt Ion:105 Resp: 189842
Ion Ratio Lower Upper
105 100
120 47.3 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.613 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

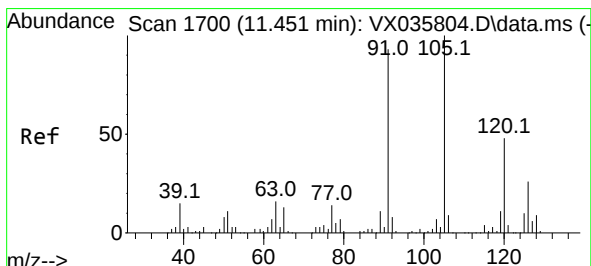
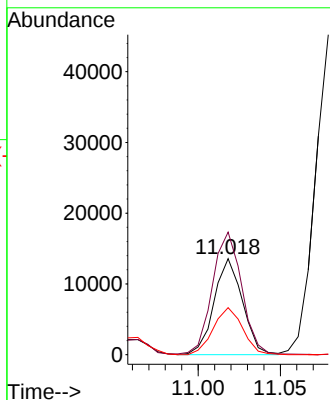
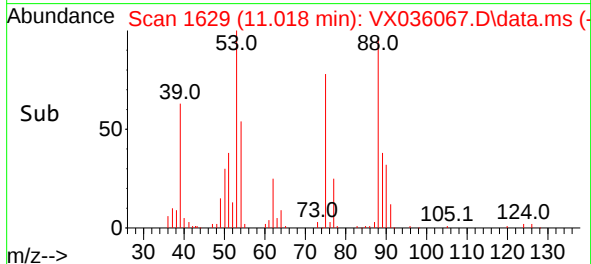
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



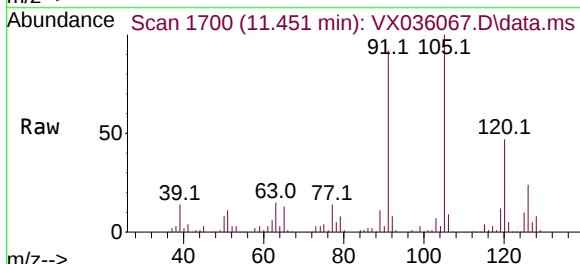
Tgt Ion: 75 Resp: 16338
Ion Ratio Lower Upper
75 100
53 126.9 58.2 174.6
89 49.0 20.6 61.8

Manual Integrations
APPROVED

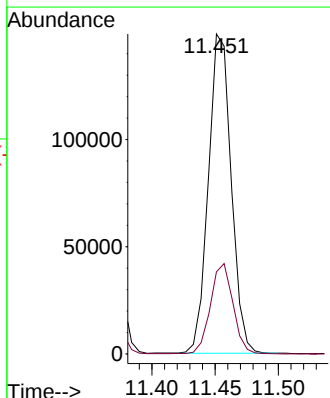
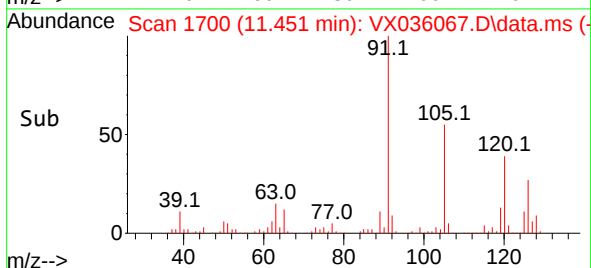
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

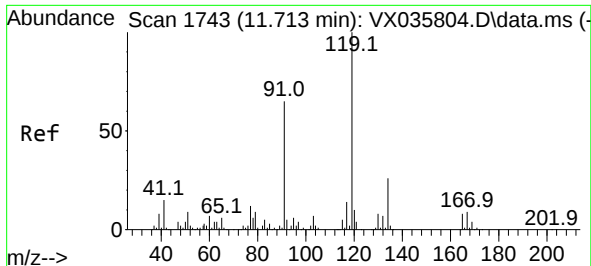


#78
4-Chlorotoluene
Concen: 21.216 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



Tgt Ion: 91 Resp: 186978
Ion Ratio Lower Upper
91 100
126 27.9 0.0 56.8





#79

tert-butylbenzene

Concen: 20.963 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 181600

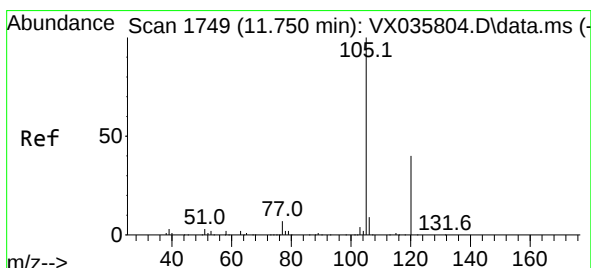
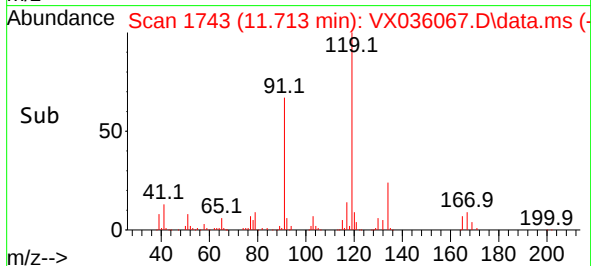
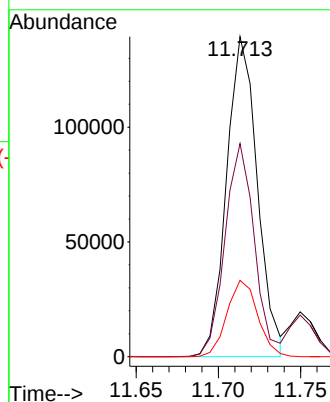
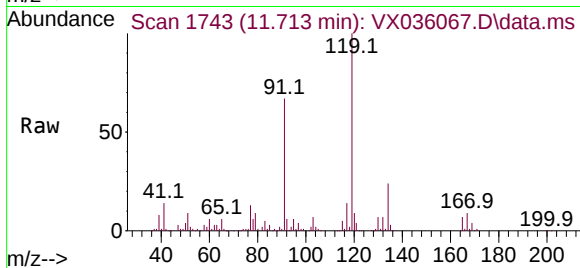
Ion	Ratio	Lower	Upper
119	100		
91	63.8	0.0	122.4
134	23.8	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#80

1,2,4-Trimethylbenzene

Concen: 21.090 ug/l

RT: 11.750 min Scan# 1749

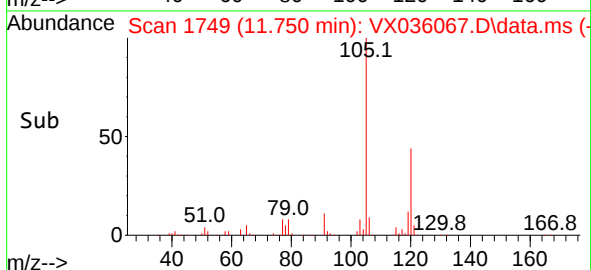
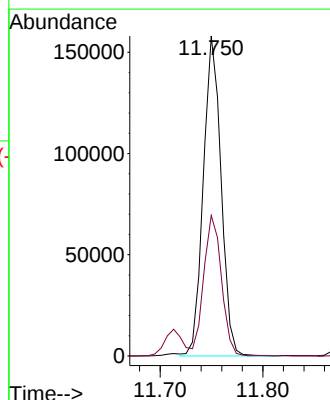
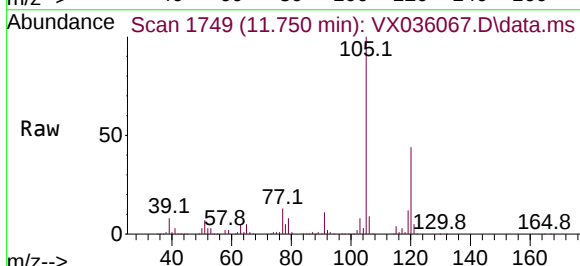
Delta R.T. -0.000 min

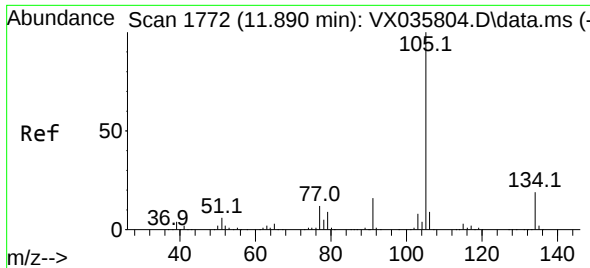
Lab File: VX036067.D

Acq: 07 Jun 2023 17:46

Tgt Ion:105 Resp: 190193

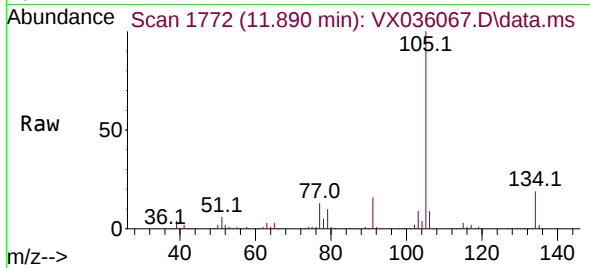
Ion	Ratio	Lower	Upper
105	100		
120	43.5	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 20.750 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036067.D
 Acq: 07 Jun 2023 17:46

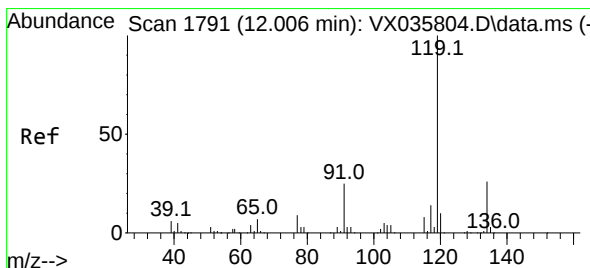
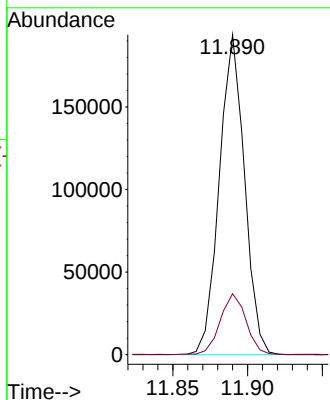
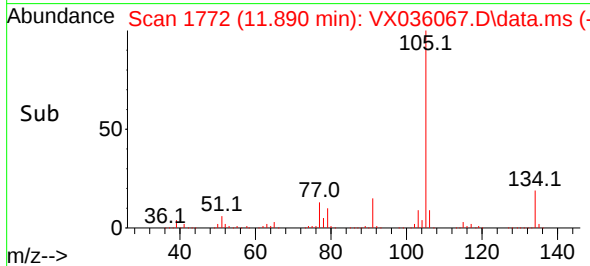
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



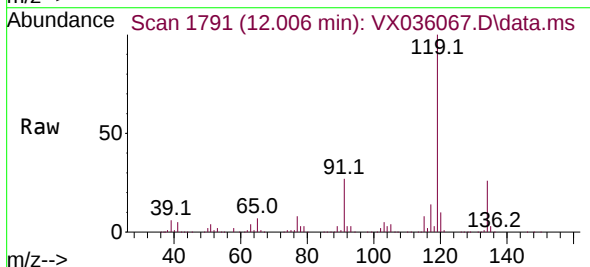
Tgt Ion:105 Resp: 226959
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 40.2

Manual Integrations
 APPROVED

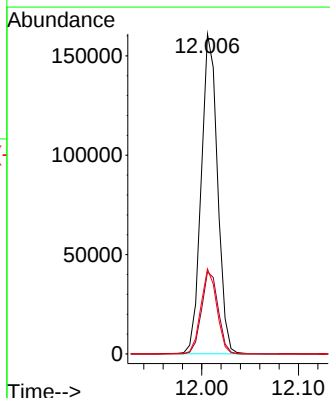
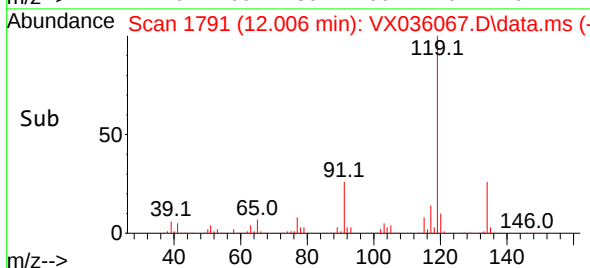
Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

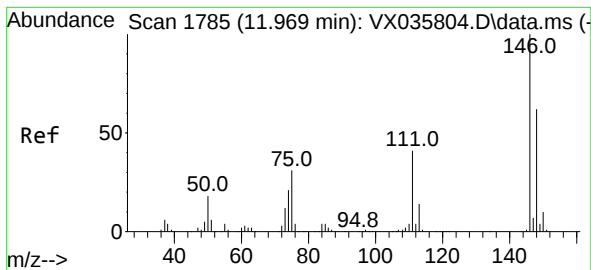


#82
 p-Isopropyltoluene
 Concen: 20.774 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036067.D
 Acq: 07 Jun 2023 17:46



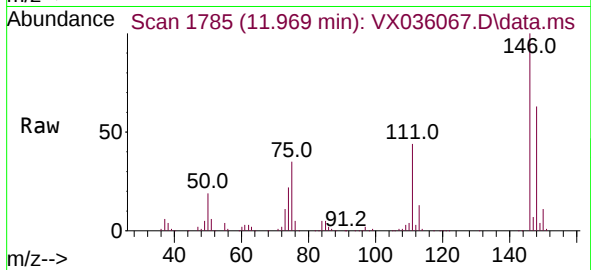
Tgt Ion:119 Resp: 189035
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 25.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.358 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

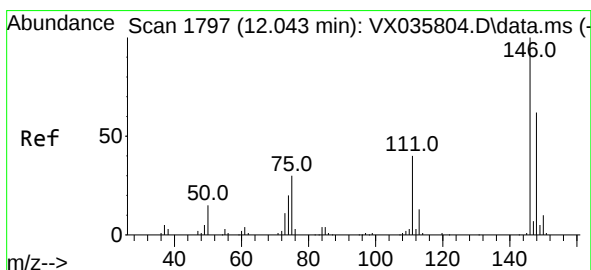
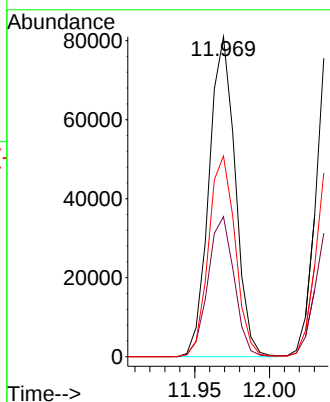
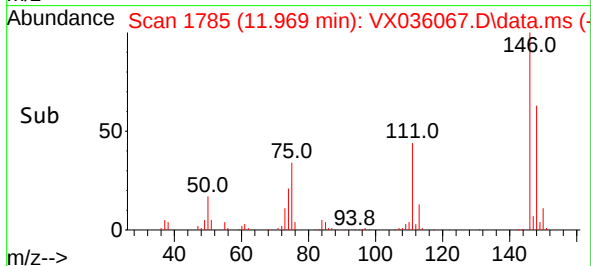
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



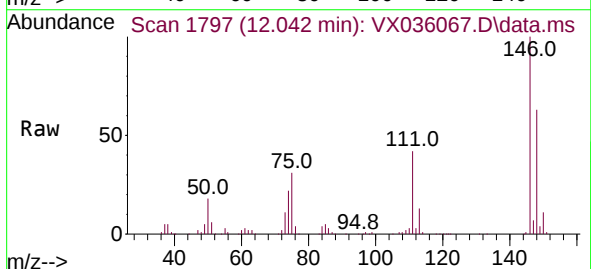
Tgt Ion:146 Resp: 98900
Ion Ratio Lower Upper
146 100
111 43.7 20.6 61.9
148 63.7 31.6 94.7

Manual Integrations
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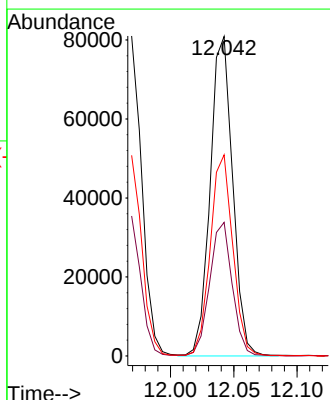
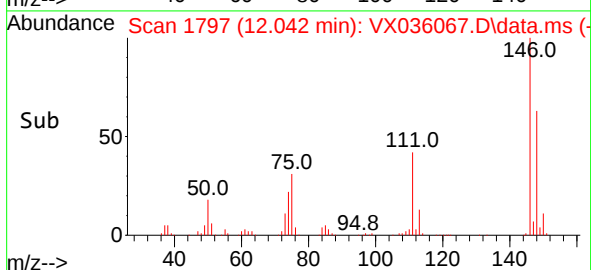
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

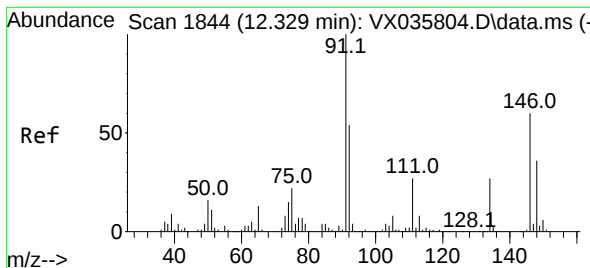


#84
1,4-Dichlorobenzene
Concen: 20.518 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



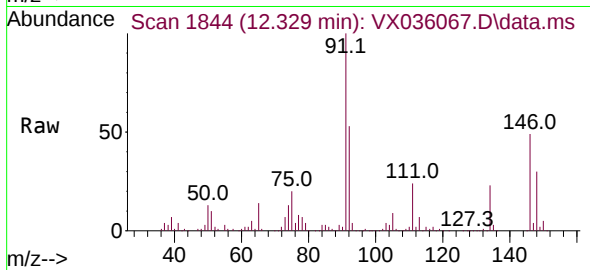
Tgt Ion:146 Resp: 100053
Ion Ratio Lower Upper
146 100
111 42.1 20.3 60.9
148 63.1 31.8 95.3





#85
n-Butylbenzene
Concen: 19.879 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

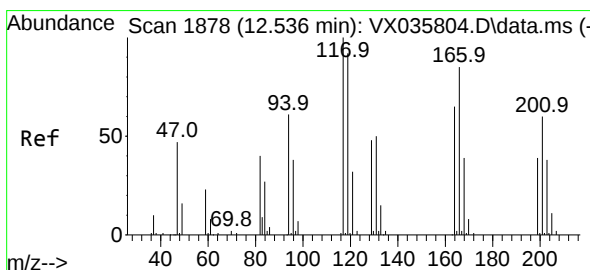
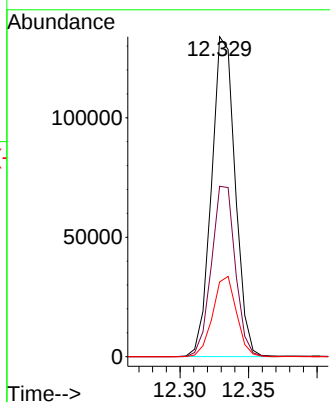
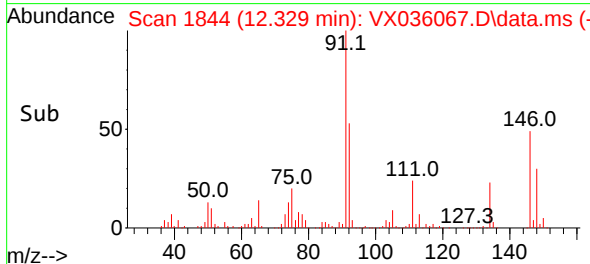
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 16092
Ion Ratio Lower Upper
91 100
92 53.8 0.0 107.6
134 25.2 0.0 49.8

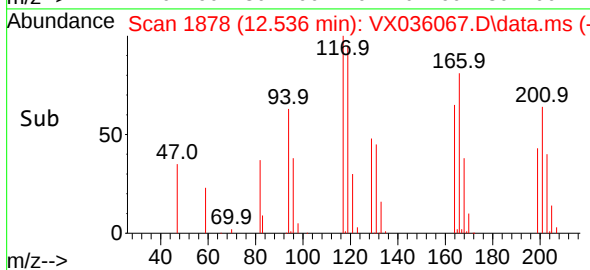
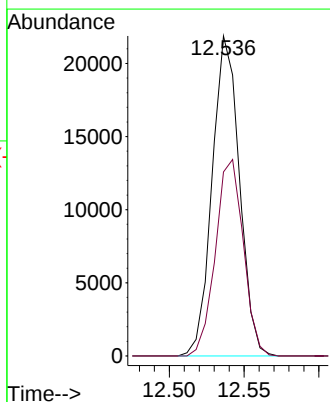
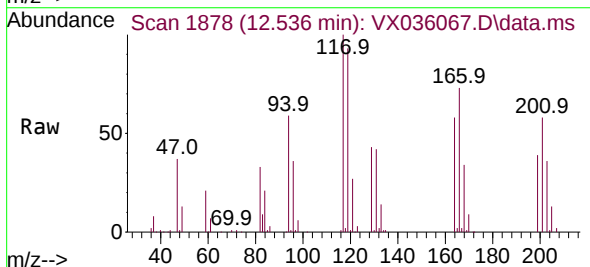
Manual Integrations
APPROVED

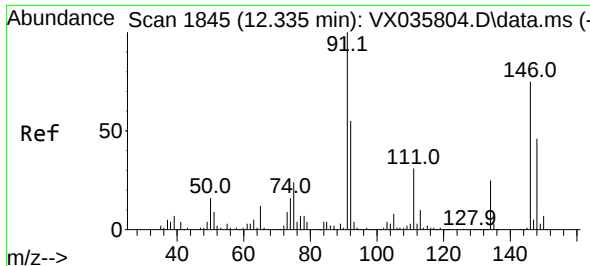
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#86
Hexachloroethane
Concen: 19.361 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

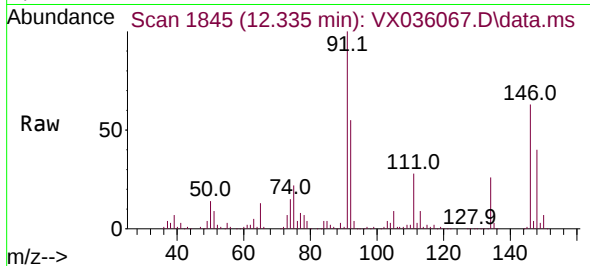
Tgt Ion:117 Resp: 27743
Ion Ratio Lower Upper
117 100
201 62.8 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.797 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

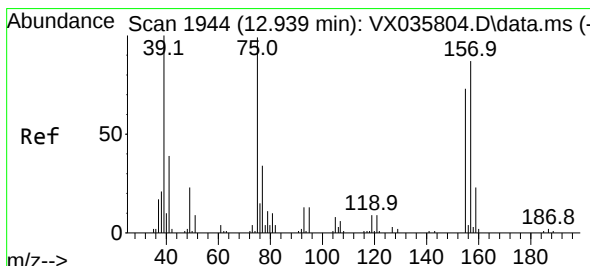
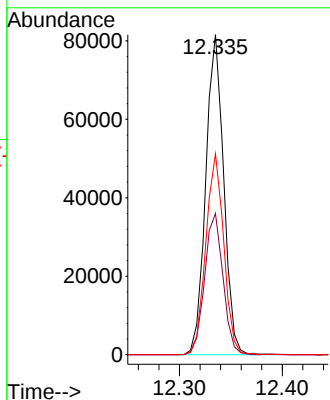
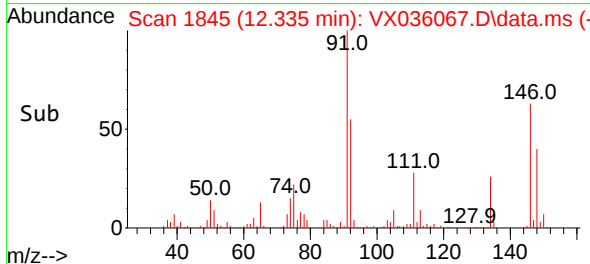
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 98997
Ion Ratio Lower Upper
146 100
111 45.2 21.3 64.0
148 62.9 31.7 95.1

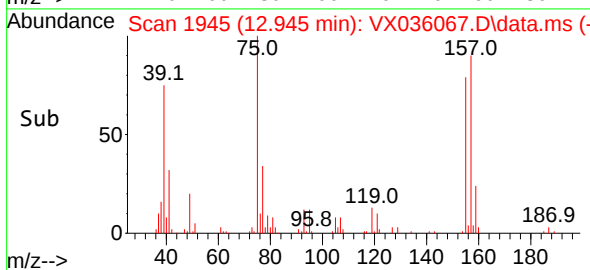
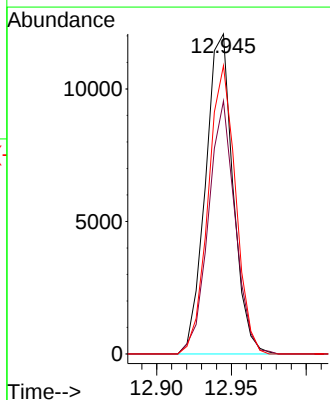
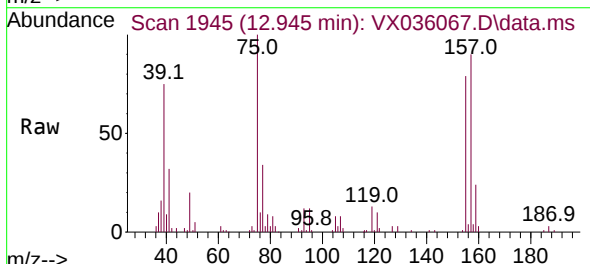
Manual Integrations
APPROVED

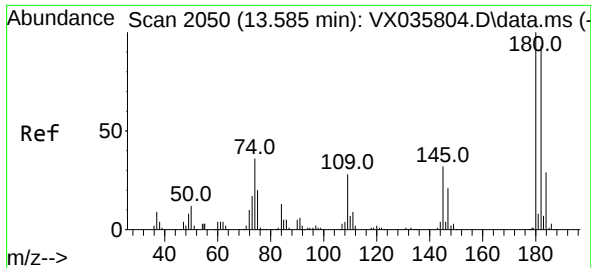
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.640 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

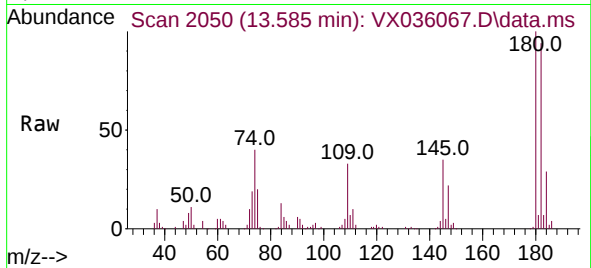
Tgt Ion: 75 Resp: 15478
Ion Ratio Lower Upper
75 100
155 76.6 63.7 95.5
157 89.4 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 18.917 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

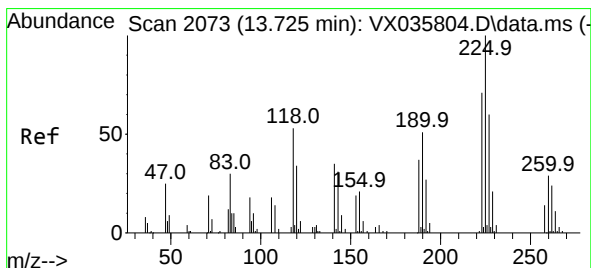
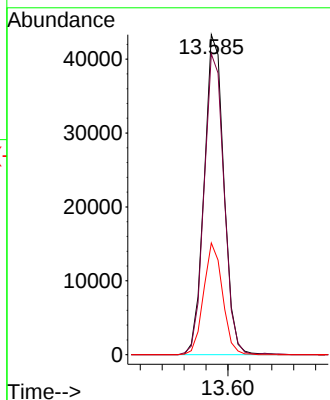
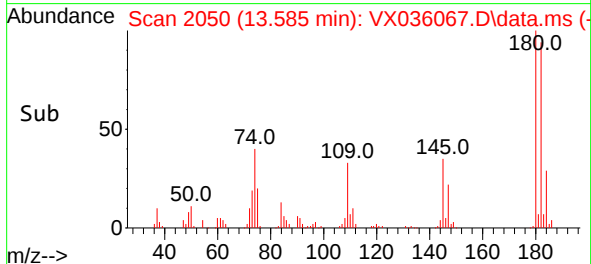
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



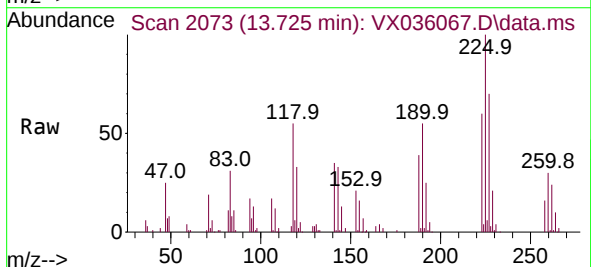
Tgt Ion:180 Resp: 53960
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.8
145 33.6 25.8 38.6

Manual Integrations
APPROVED

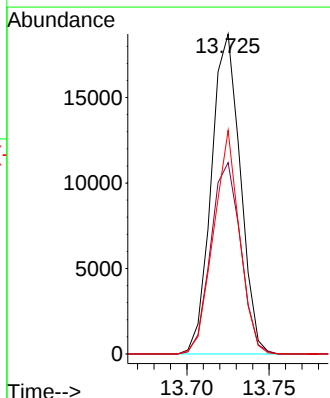
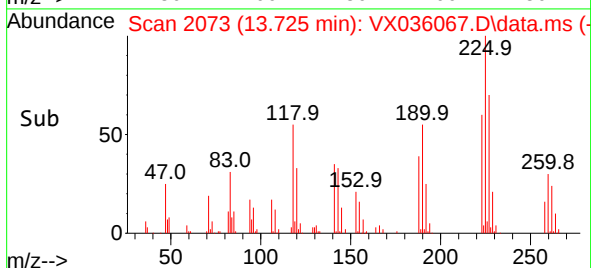
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

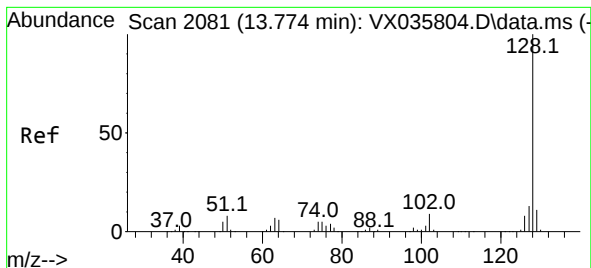


#90
Hexachlorobutadiene
Concen: 21.792 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



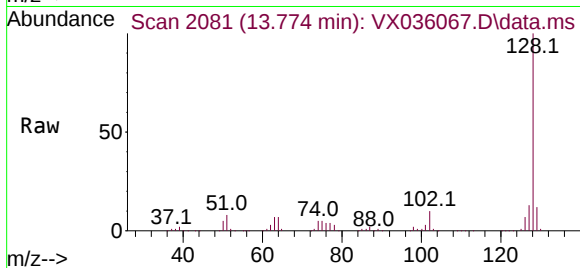
Tgt Ion:225 Resp: 22917
Ion Ratio Lower Upper
225 100
223 61.8 0.0 124.2
227 62.7 0.0 122.8





#91
Naphthalene
Concen: 20.242 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46

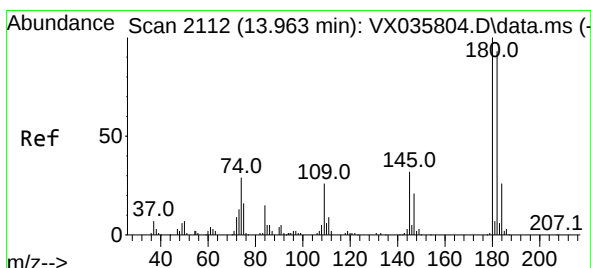
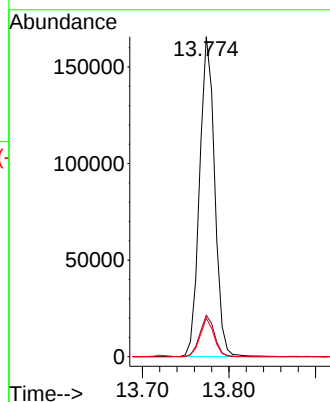
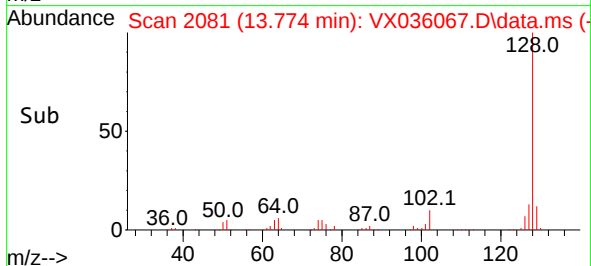
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



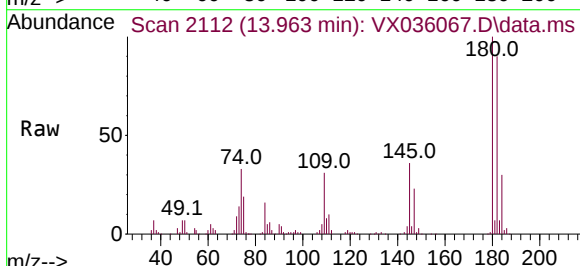
Tgt Ion:128 Resp: 199834
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.275 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036067.D
Acq: 07 Jun 2023 17:46



Tgt Ion:180 Resp: 54900
Ion Ratio Lower Upper
180 100
182 94.1 0.0 191.0
145 35.6 0.0 66.8

