

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120623\
 Data File : VX039091.D
 Acq On : 06 Dec 2023 16:24
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 04:02:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	10741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	85748	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	107209	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	44060	29.984	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.933%		
60) 4-Bromofluorobenzene	11.079	95	70016	29.900	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.667%		
63) Toluene-d8	8.647	98	128886	30.407	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.367%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31284	19.459	ug/l	97
3) Chloromethane	1.294	50	36291	19.715	ug/l	97
4) Vinyl Chloride	1.374	62	36305	19.536	ug/l	99
5) Bromomethane	1.611	94	25278	22.239	ug/l	98
6) Chloroethane	1.691	64	23784	21.977	ug/l	96
7) Trichlorofluoromethane	1.892	101	51065	19.909	ug/l	96
8) Diethyl Ether	2.130	74	19789	20.099	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	31512	21.741	ug/l	96
10) 1,1-Dichloroethene	2.319	96	31208	21.361	ug/l	97
11) Methyl Iodide	2.453	142	29580	18.476	ug/l	96
12) Methyl Acetate	2.697	43	102608	22.518	ug/l	98
13) Acrolein	2.233	56	36837	92.281	ug/l	100
14) Acrylonitrile	3.056	53	121210	108.758	ug/l	99
15) Acetone	2.373	58	37384	92.281	ug/l	97
16) Carbon Disulfide	2.514	76	85987	19.433	ug/l	98
17) Allyl chloride	2.660	41	61843	21.323	ug/l	96
18) Methylene Chloride	2.788	84	37328	21.554	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	34073	20.620	ug/l	99
20) Diisopropyl ether	3.751	45	122419	22.180	ug/l	98
21) 1,1-Dichloroethane	3.605	63	65900	21.474	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	39552	20.654	ug/l	97
23) tert-Butyl Alcohol	2.946	59	54126	87.727	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	114786	21.328	ug/l	99
25) Chloroform	5.086	83	66110	21.464	ug/l	98
26) Cyclohexane	5.464	56	59056	21.262	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	49437	20.567	ug/l	99
30) 2-Butanone	4.544	43	179047	98.933	ug/l	99
31) 2,2-Dichloropropane	4.471	77	55372	20.147	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	54182	19.502	ug/l	100
33) Carbon Tetrachloride	5.665	117	46156	19.723	ug/l	92
34) Benzene	6.031	78	144891	20.692	ug/l	98
35) Methacrylonitrile	4.910	41	33504	20.899	ug/l	94
36) 1,2-Dichloroethane	6.080	62	51804	20.163	ug/l	99
37) Trichloroethene	7.123	130	34908	19.642	ug/l	97
38) Methylcyclohexane	7.372	83	61092	20.398	ug/l	99
39) 1,2-Dichloropropane	7.427	63	38393	20.790	ug/l	98
40) Dibromomethane	7.574	93	26551	20.349	ug/l	99
41) Bromodichloromethane	7.818	83	51499	20.545	ug/l	100
42) Vinyl Acetate	3.715	43	452824	105.050	ug/l	100

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 Data File : VX039091.D
 Acq On : 06 Dec 2023 16:24
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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

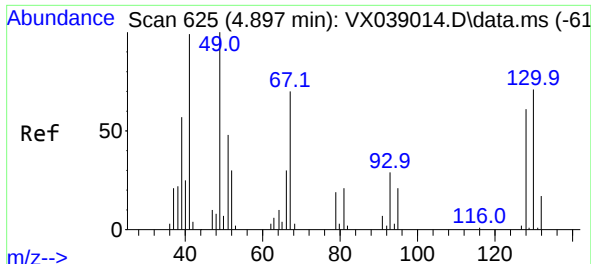
Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 04:02:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	64713	20.784	ug/l	99
44) Isopropyl Acetate	6.330	43	102969	20.979	ug/l	99
45) 1,4-Dioxane	7.653	88	15924	317.802	ug/l	95
46) Methyl methacrylate	7.690	41	58716	20.923	ug/l	98
47) n-amyl Acetate	10.841	43	86829	20.901	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	57754	19.870	ug/l	94
49) cis-1,3-Dichloropropene	8.360	75	62722	20.918	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	37131	20.949	ug/l	96
51) Ethyl methacrylate	9.116	69	46594	21.000	ug/l	91
52) 1,3-Dichloropropane	9.305	76	64594	21.253	ug/l	99
53) Dibromochloromethane	9.518	129	36977	19.425	ug/l	96
54) 1,2-Dibromoethane	9.610	107	39515	20.329	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	138653	98.591	ug/l	99
56) Bromoform	10.799	173	26013	18.934	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	346190	106.484	ug/l	99
59) 2-Hexanone	9.427	43	276667	103.674	ug/l	98
61) Tetrachloroethene	9.269	164	27295	19.582	ug/l	90
62) Toluene	8.714	91	158946	20.882	ug/l	99
64) Chlorobenzene	10.073	112	94156	20.336	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	33281	19.960	ug/l	98
66) Ethyl Benzene	10.189	91	179518	20.712	ug/l	100
67) m/p-Xylenes	10.299	106	130234	40.664	ug/l	98
68) o-Xylene	10.640	106	63224	20.379	ug/l	100
69) Styrene	10.652	104	93025	20.261	ug/l	100
70) Isopropylbenzene	10.963	105	169955	20.475	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	64641	20.861	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	56120m	21.403	ug/l	
73) Bromobenzene	11.195	156	38086	20.154	ug/l	96
74) n-propylbenzene	11.305	91	212246	20.870	ug/l	98
75) 2-Chlorotoluene	11.360	91	124542	20.874	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	145461	20.342	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	19933	19.185	ug/l	96
78) 4-Chlorotoluene	11.451	91	141973	20.239	ug/l	100
79) tert-butylbenzene	11.713	119	138268	20.335	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	145603	20.345	ug/l	98
81) sec-Butylbenzene	11.890	105	177878	20.694	ug/l	98
82) p-Isopropyltoluene	12.006	119	145934	20.032	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	72828	20.137	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	73825	19.894	ug/l	99
85) n-Butylbenzene	12.329	91	143946	20.008	ug/l	99
86) Hexachloroethane	12.536	117	27362	19.822	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	70273	20.207	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15343	19.361	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	46990	20.380	ug/l	99
90) Hexachlorobutadiene	13.725	225	16422	19.947	ug/l	99
91) Naphthalene	13.774	128	163770	19.259	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	44993	20.146	ug/l	98

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



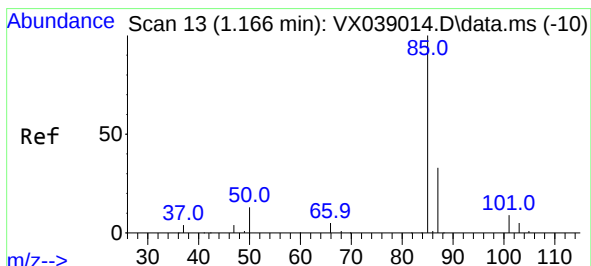
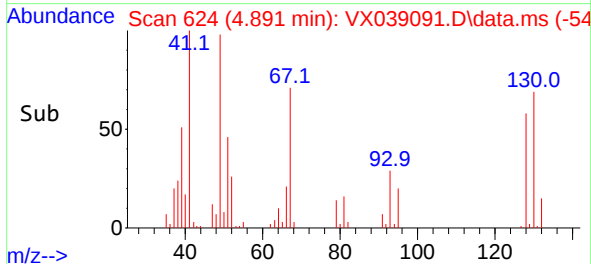
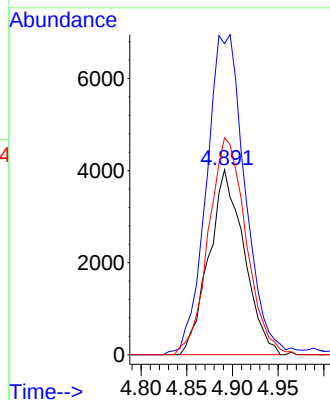
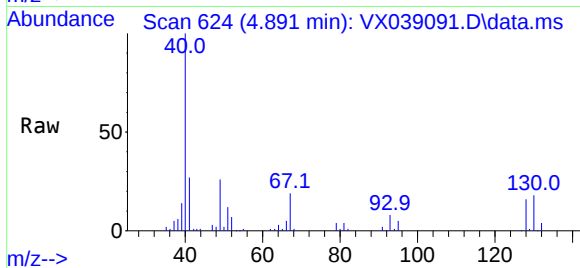
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 1074
Ion Ratio Lower Upper
128 100
49 184.5 0.0 444.0
130 125.2 0.0 297.8

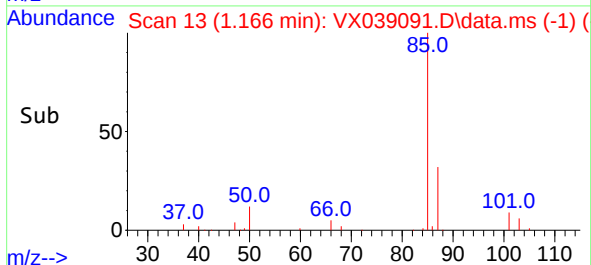
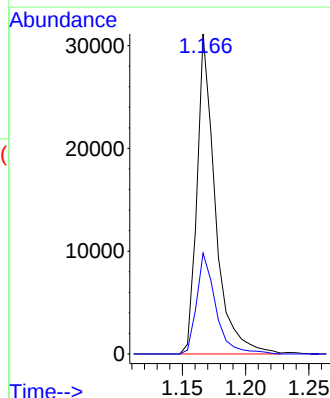
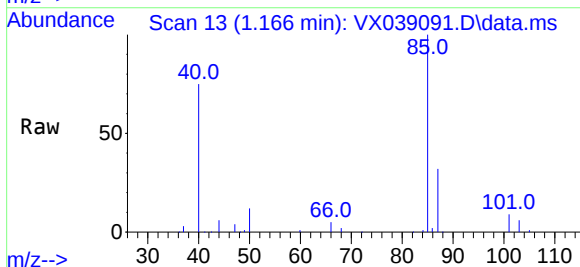
Manual Integrations
APPROVED

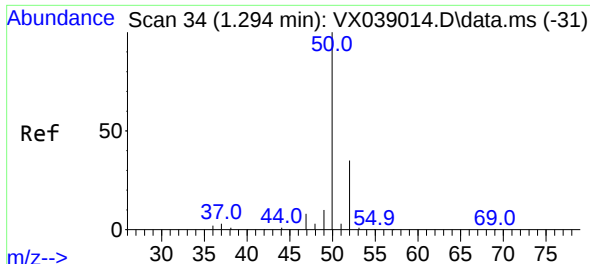
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#2
Dichlorodifluoromethane
Concen: 19.459 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

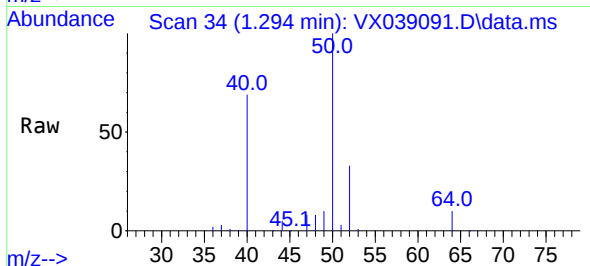
Tgt Ion: 85 Resp: 31284
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 19.715 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

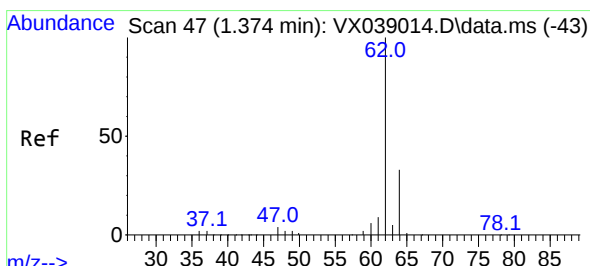
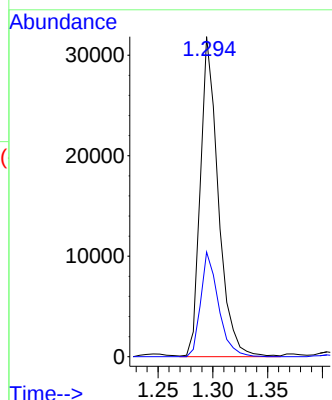
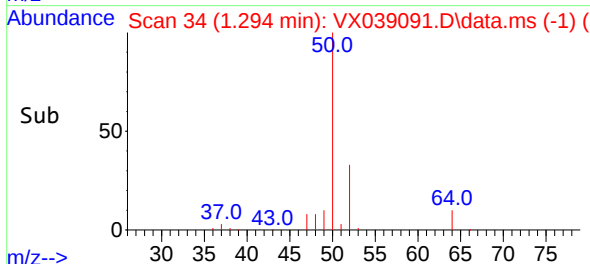
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



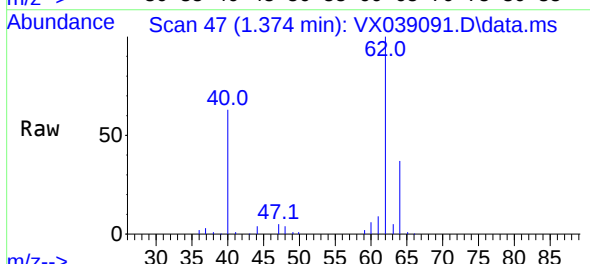
Tgt Ion: 50 Resp: 3629
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.8

Manual Integrations
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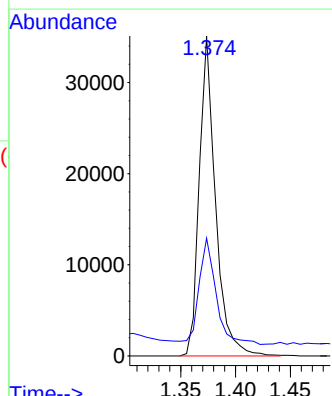
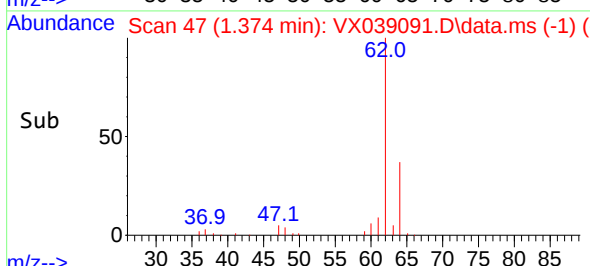
Reviewed By :John Carlone 12/08/2023
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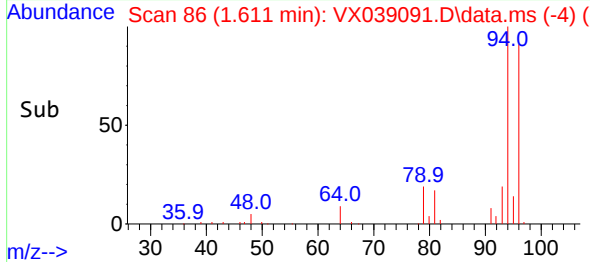
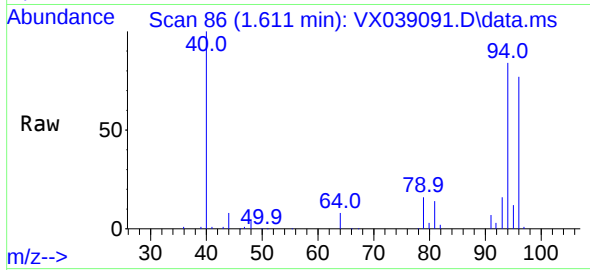
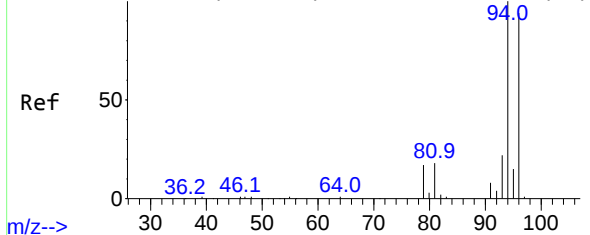
#4
Vinyl Chloride
Concen: 19.536 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion: 62 Resp: 36305
Ion Ratio Lower Upper
62 100
64 32.5 26.3 39.5



Abundance Scan 86 (1.611 min): VX039014.D\data.ms (-81)



#5

Bromomethane

Concen: 22.239 ug/l

RT: 1.611 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Tgt Ion: 94 Resp: 25278

Ion Ratio Lower Upper

94 100

96 91.4 74.9 112.3

Instrument :

MSVOA_X

ClientSampleId :

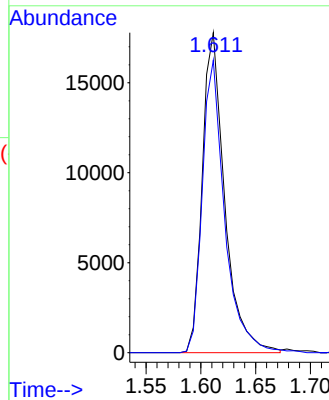
VSTDCCC020EC

Manual Integrations

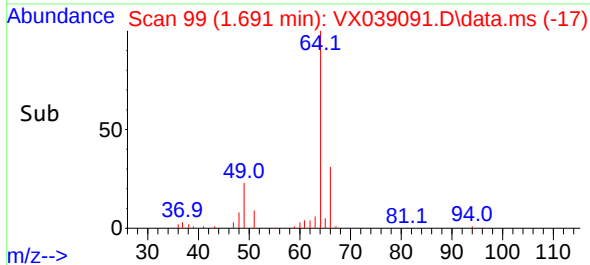
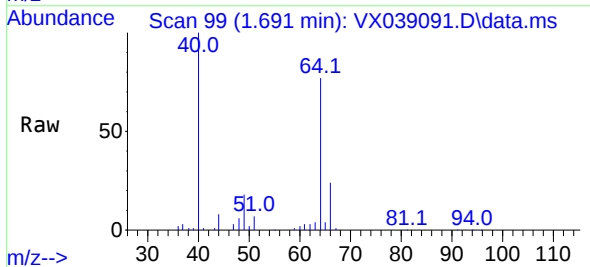
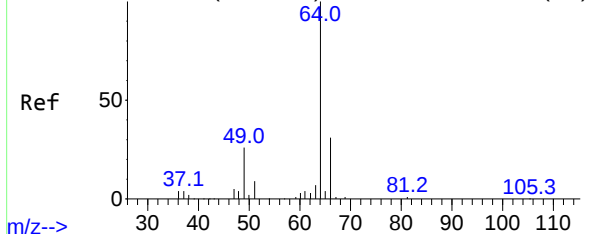
APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



Abundance Scan 99 (1.691 min): VX039014.D\data.ms (-94)



#6

Chloroethane

Concen: 21.977 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX039091.D

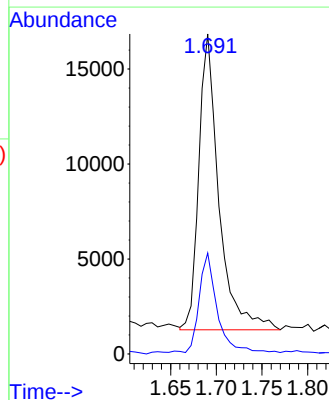
Acq: 06 Dec 2023 16:24

Tgt Ion: 64 Resp: 23784

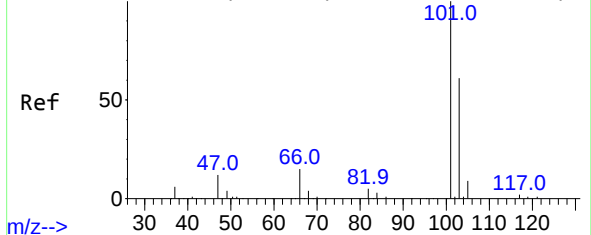
Ion Ratio Lower Upper

64 100

66 33.6 25.0 37.6



Abundance Scan 132 (1.892 min): VX039014.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 19.909 ug/l

RT: 1.892 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:101 Resp: 5106

Ion Ratio Lower Upper

101 100

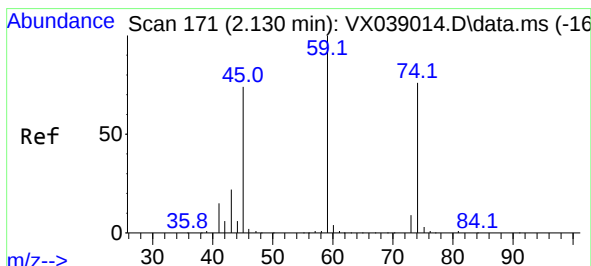
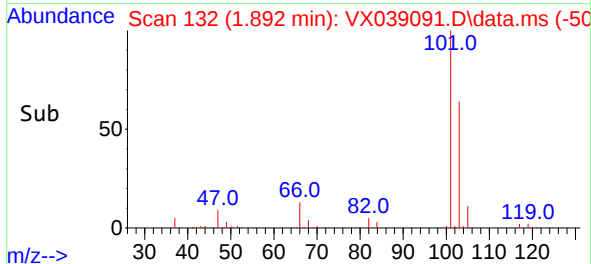
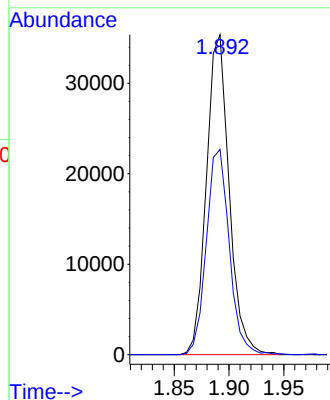
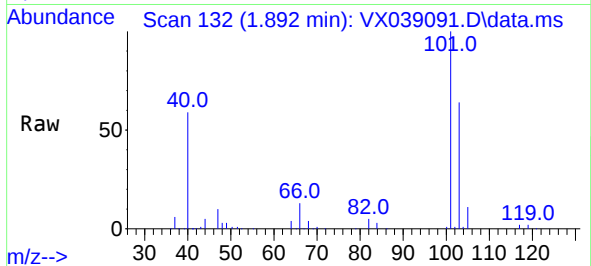
103 64.1 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#8

Diethyl Ether

Concen: 20.099 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.000 min

Lab File: VX039091.D

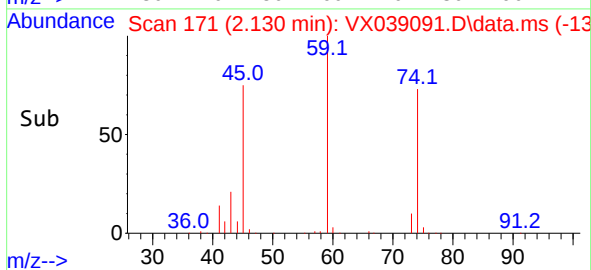
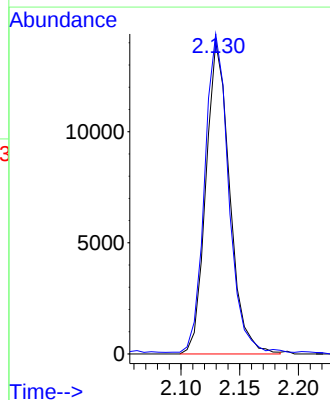
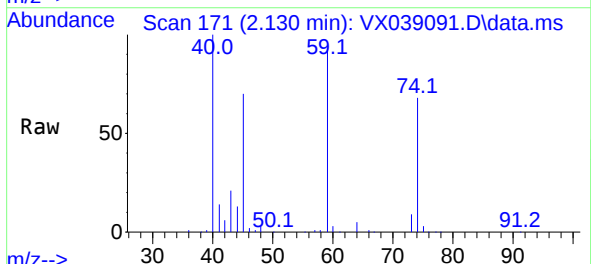
Acq: 06 Dec 2023 16:24

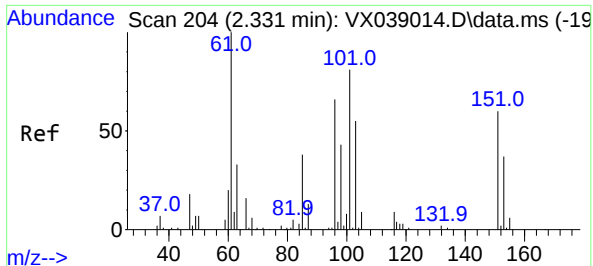
Tgt Ion: 74 Resp: 19789

Ion Ratio Lower Upper

74 100

45 101.8 20.5 184.5





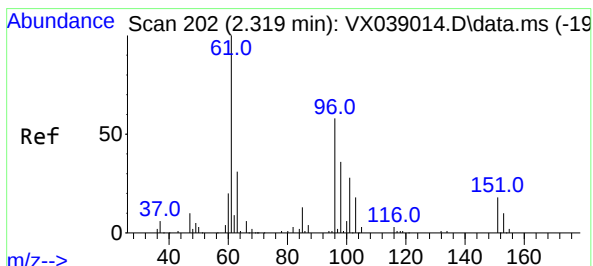
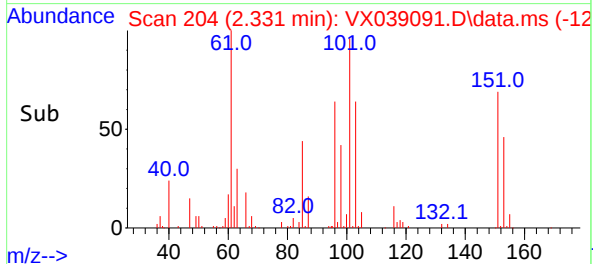
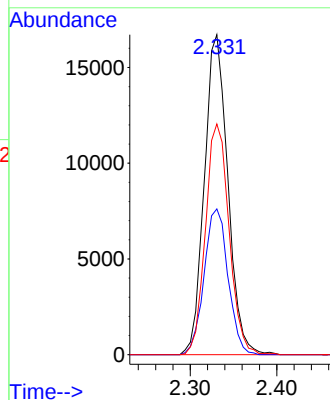
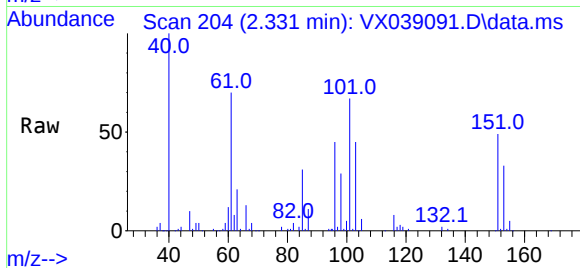
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1,1,2-Trichlorotrifluoroethane
Concen: 21.741 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3151
Ion Ratio Lower Upper
101 100
85 46.3 0.0 95.2
151 72.4 0.0 136.8

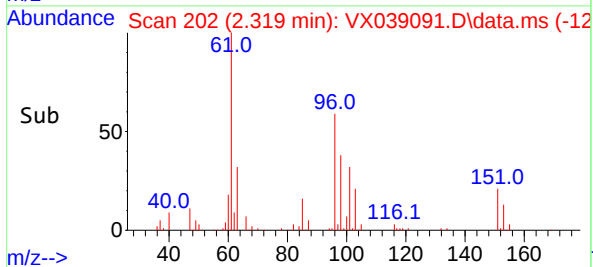
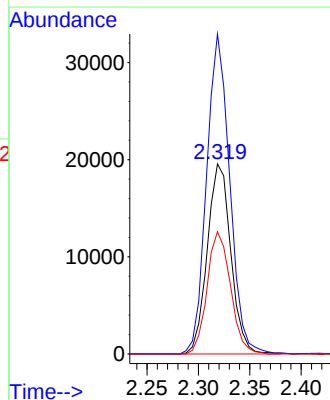
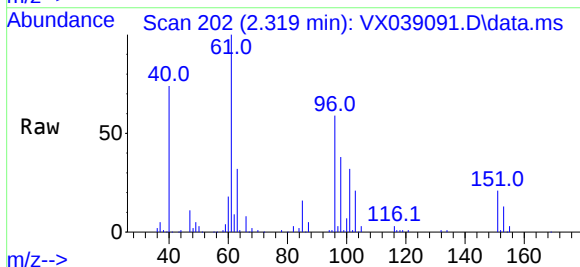
Manual Integrations
APPROVED

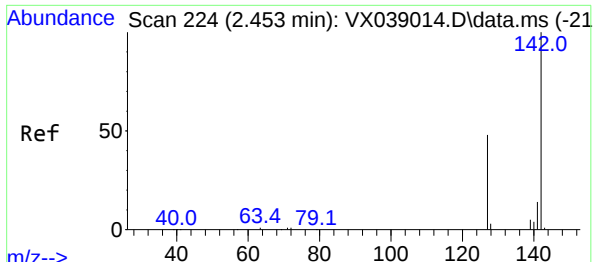
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#10
1,1-Dichloroethene
Concen: 21.361 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 96 Resp: 31208
Ion Ratio Lower Upper
96 100
61 168.3 138.3 207.5
98 64.3 49.8 74.6





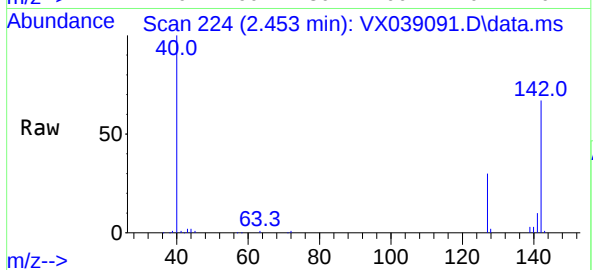
#11
Methyl Iodide
Concen: 18.476 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



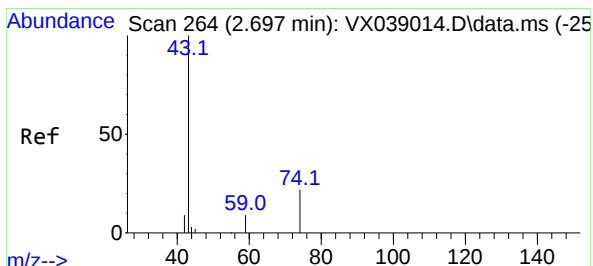
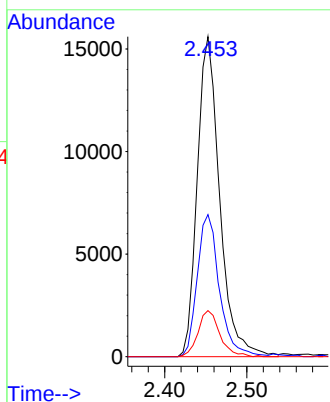
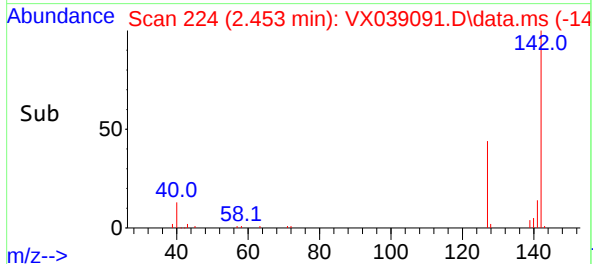
Tgt Ion:142 Resp: 29580
Ion Ratio Lower Upper
142 100
127 44.3 23.8 71.4
141 14.5 6.9 20.6

Manual Integrations

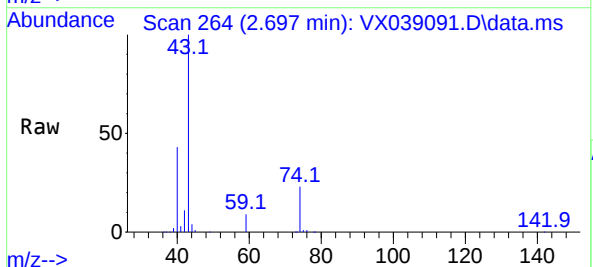
APPROVED

Reviewed By :John Carlone 12/08/2023

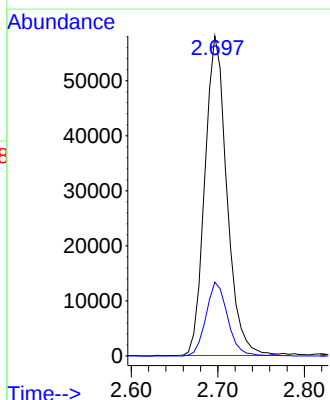
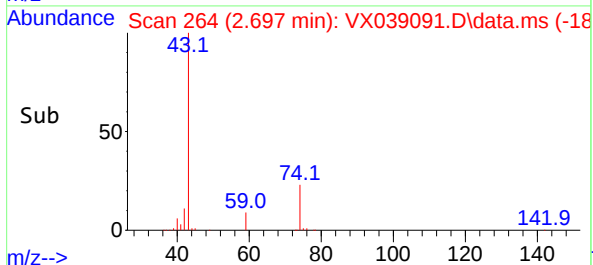
Supervised By :Mahesh Dadoda 12/08/2023

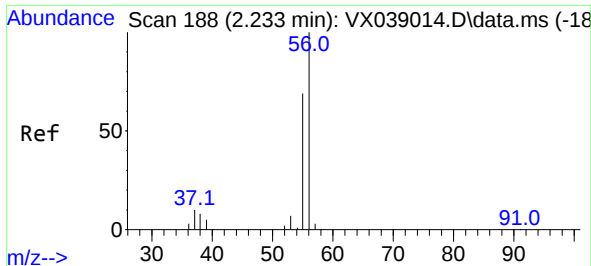


#12
Methyl Acetate
Concen: 22.518 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



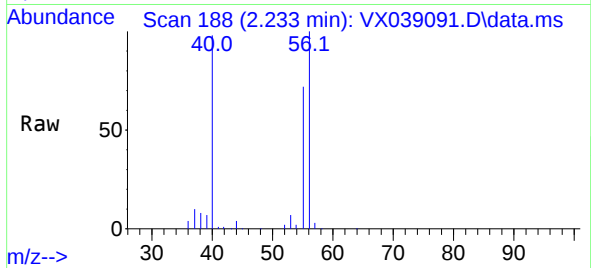
Tgt Ion: 43 Resp: 102608
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.6





#13
Acrolein
Concen: 92.281 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

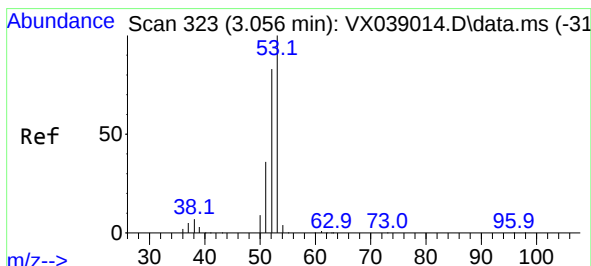
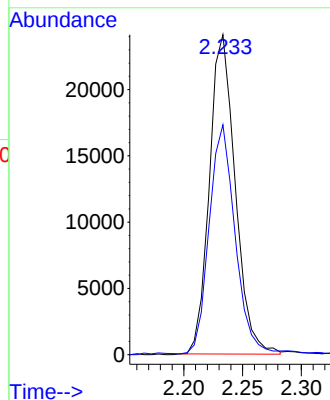
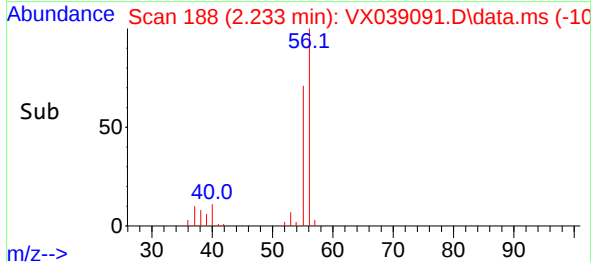
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



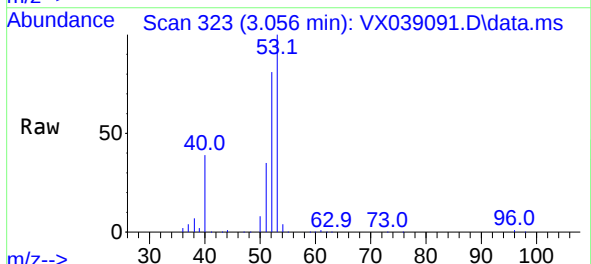
Tgt Ion: 56 Resp: 3683
Ion Ratio Lower Upper
56 100
55 71.6 57.2 85.8

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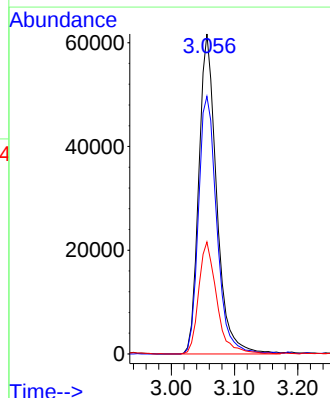
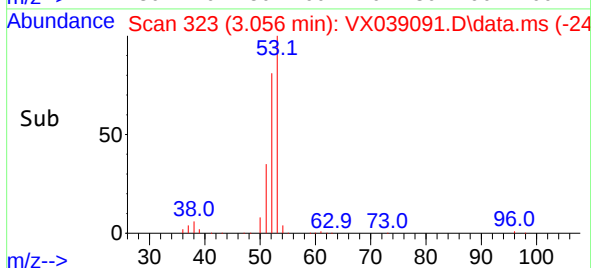
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

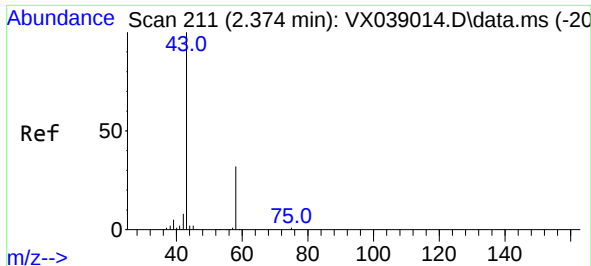


#14
Acrylonitrile
Concen: 108.758 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



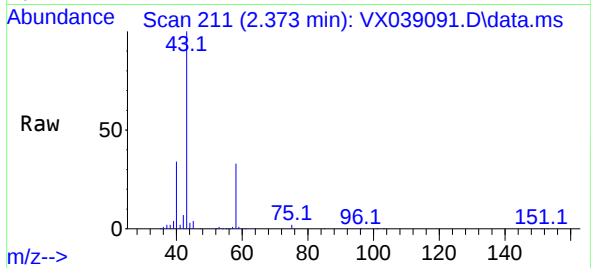
Tgt Ion: 53 Resp: 121210
Ion Ratio Lower Upper
53 100
52 82.7 41.9 125.6
51 35.4 18.3 54.9





#15
Acetone
Concen: 92.281 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

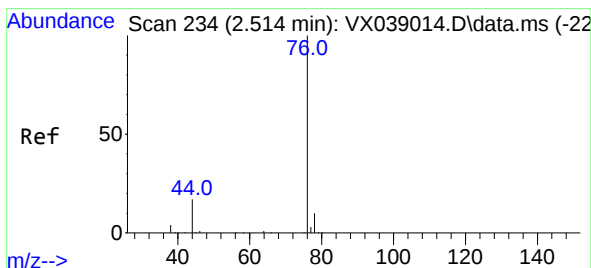
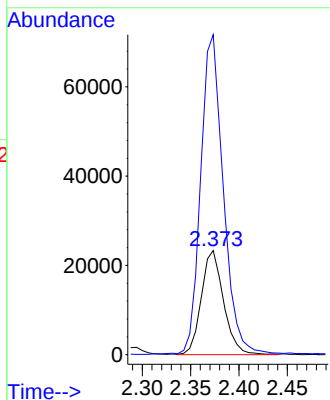
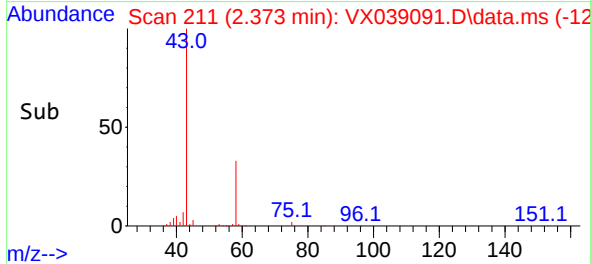
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



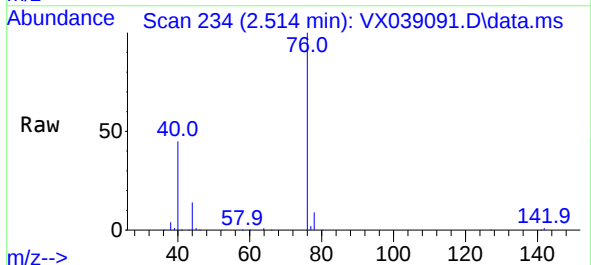
Tgt Ion: 58 Resp: 37384
Ion Ratio Lower Upper
58 100
43 307.4 249.9 374.9

Manual Integrations
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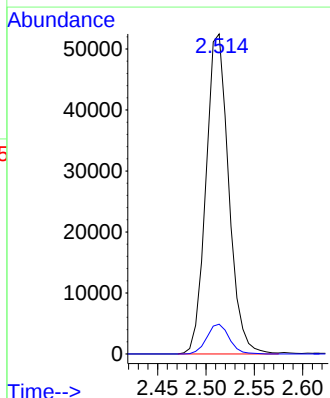
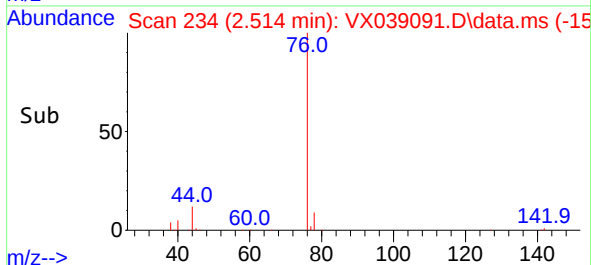
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

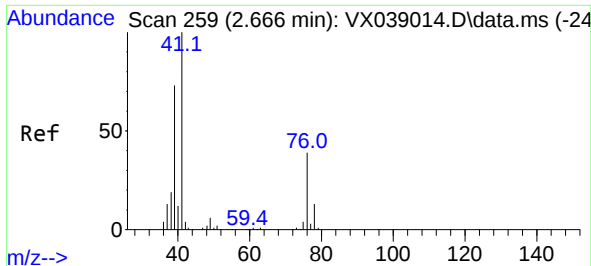


#16
Carbon Disulfide
Concen: 19.433 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion: 76 Resp: 85987
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0





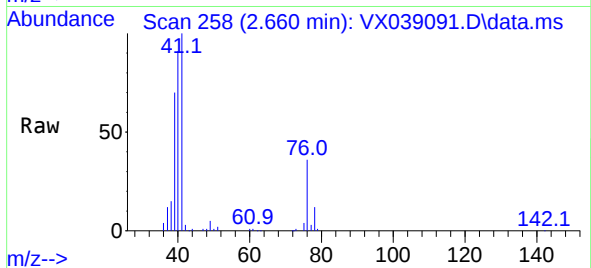
#17
 Allyl chloride
 Concen: 21.323 ug/l
 RT: 2.660 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX039091.D
 Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



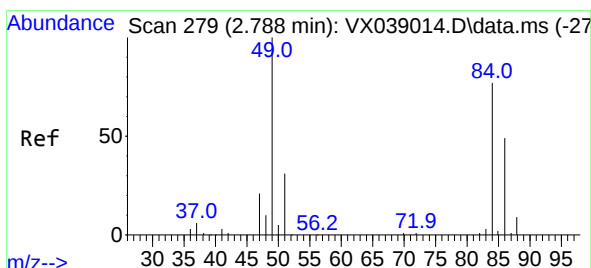
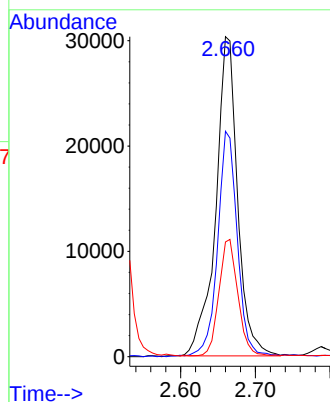
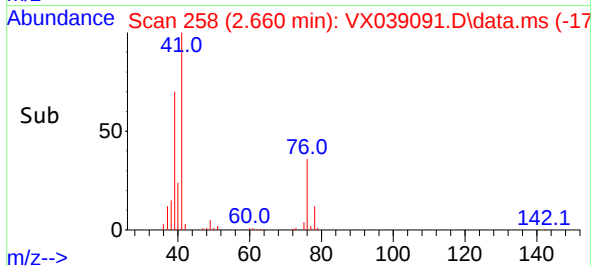
Tgt Ion: 41 Resp: 6184
 Ion Ratio Lower Upper
 41 100
 39 70.2 36.5 109.5
 76 35.7 19.7 59.0

Manual Integrations

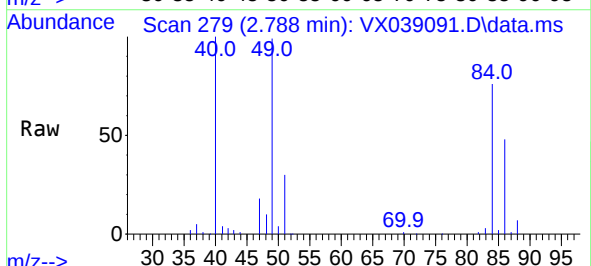
APPROVED

Reviewed By :John Carlone 12/08/2023

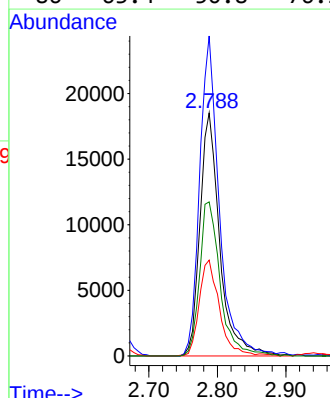
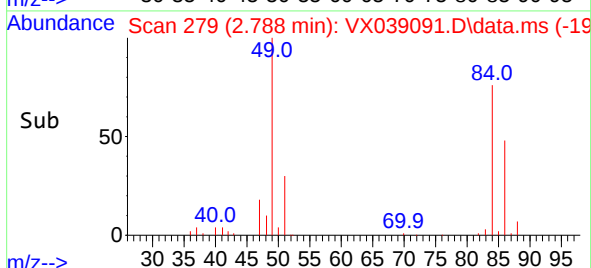
Supervised By :Mahesh Dadoda 12/08/2023

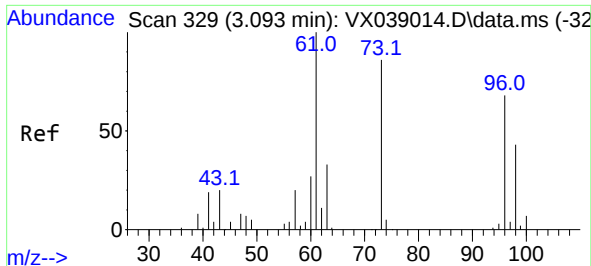


#18
 Methylene Chloride
 Concen: 21.554 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039091.D
 Acq: 06 Dec 2023 16:24



Tgt Ion: 84 Resp: 37328
 Ion Ratio Lower Upper
 84 100
 49 131.6 103.8 155.8
 51 39.4 31.8 47.6
 86 63.4 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 20.620 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

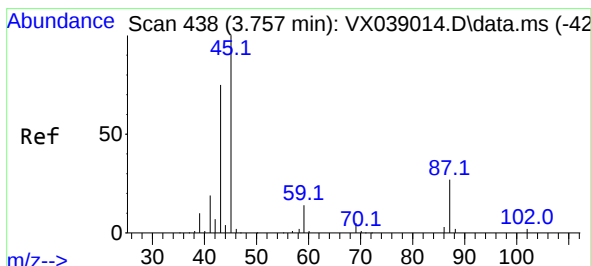
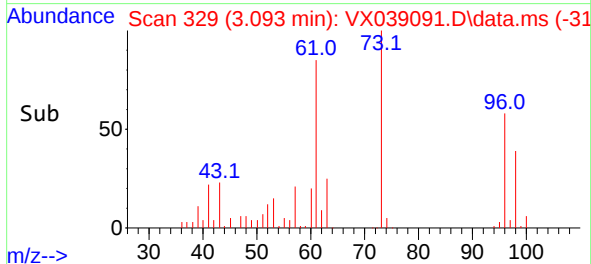
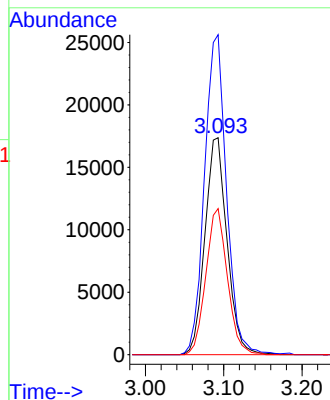
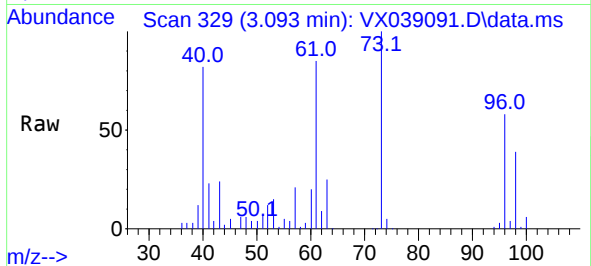
VSTDCCC020EC

Tgt Ion: 96 Resp: 3407
Ion Ratio Lower Upper
96 100
61 147.5 117.9 176.9
98 67.3 51.0 76.6

Manual Integrations

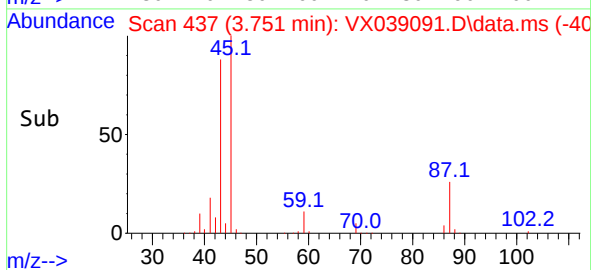
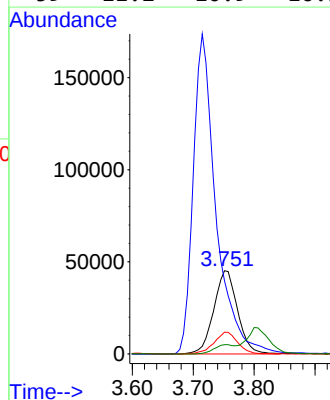
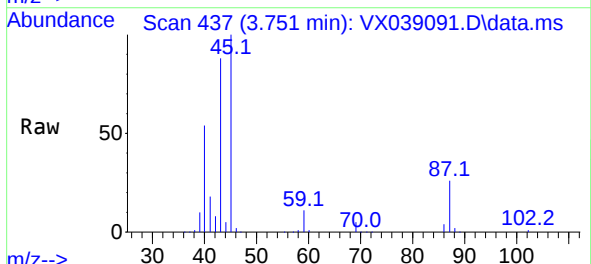
APPROVED

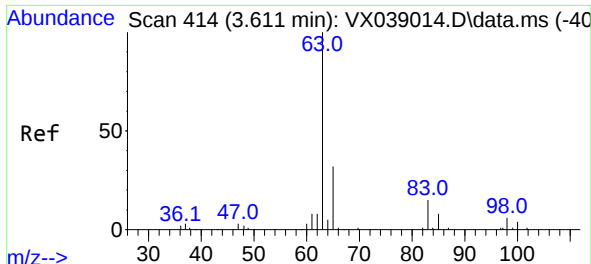
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#20
Diisopropyl ether
Concen: 22.180 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 45 Resp: 122419
Ion Ratio Lower Upper
45 100
43 85.7 67.7 101.5
87 26.2 21.5 32.3
59 11.2 10.9 16.3





#21

1,1-Dichloroethane

Concen: 21.474 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 65900

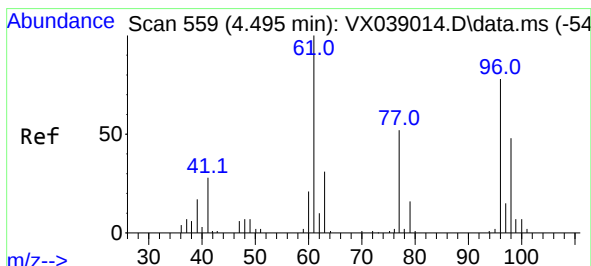
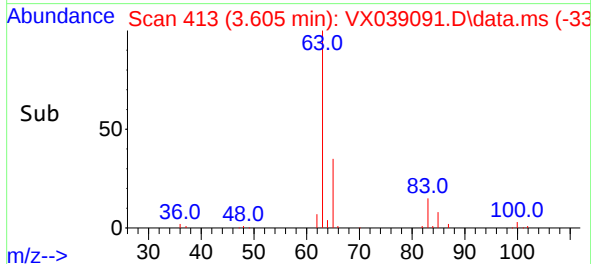
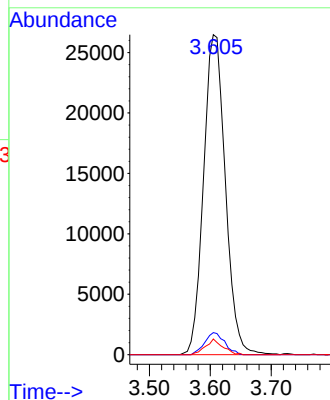
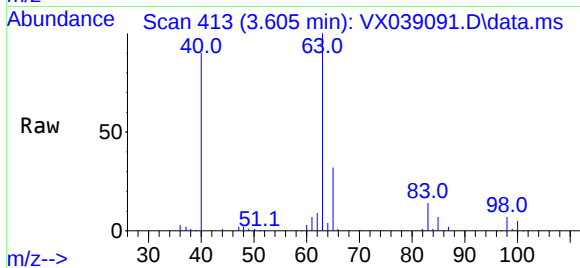
Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.9	8.8
100	4.9	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#22

cis-1,2-Dichloroethene

Concen: 20.654 ug/l

RT: 4.483 min Scan# 557

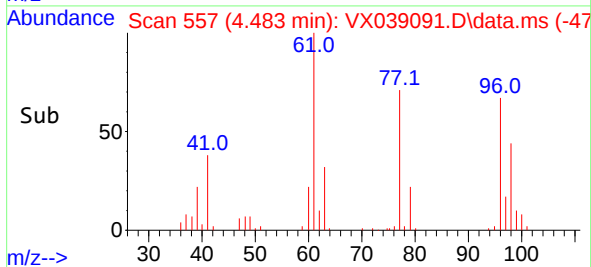
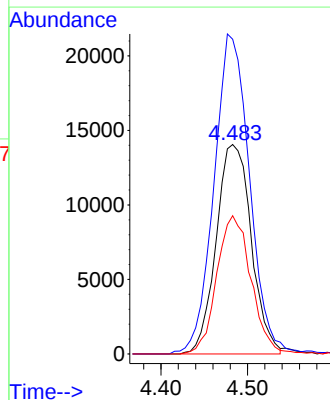
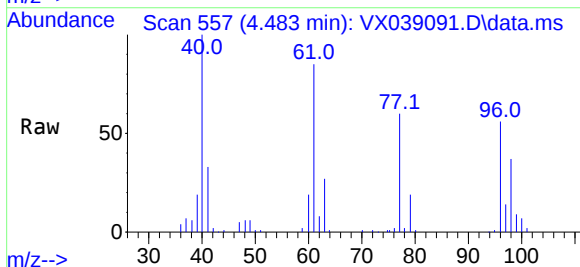
Delta R.T. -0.012 min

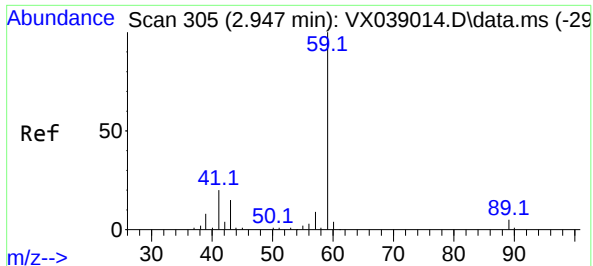
Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Tgt Ion: 96 Resp: 39552

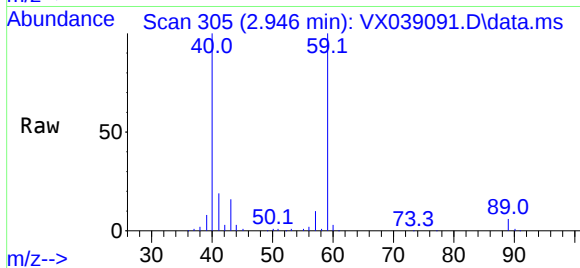
Ion	Ratio	Lower	Upper
96	100		
61	154.6	119.8	179.6
98	64.5	50.9	76.3





#23
tert-Butyl Alcohol
Concen: 87.727 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

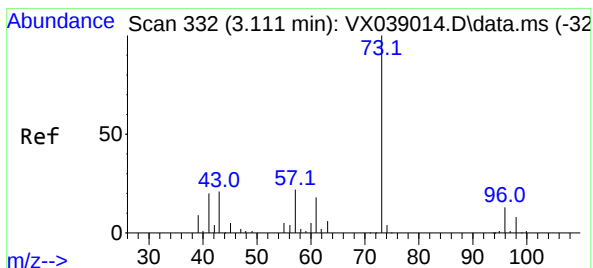
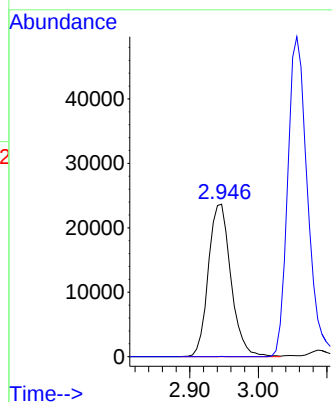
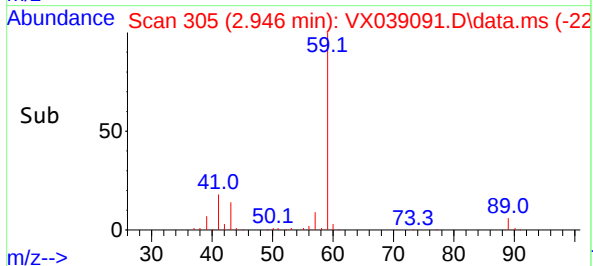
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 54120
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

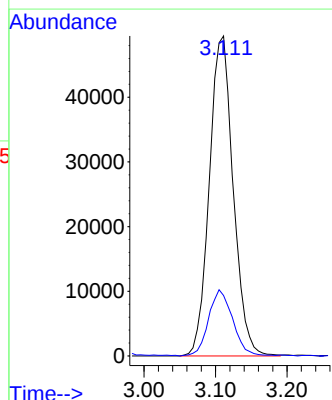
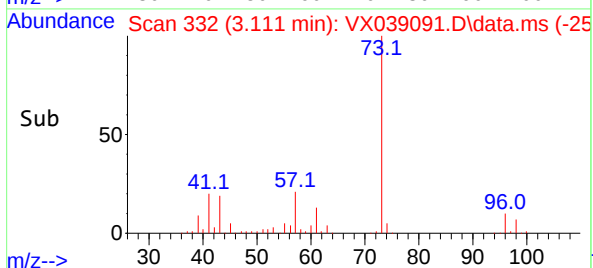
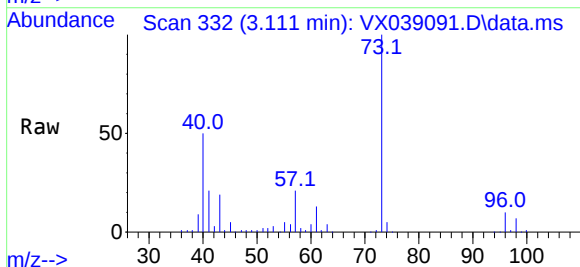
Manual Integrations
APPROVED

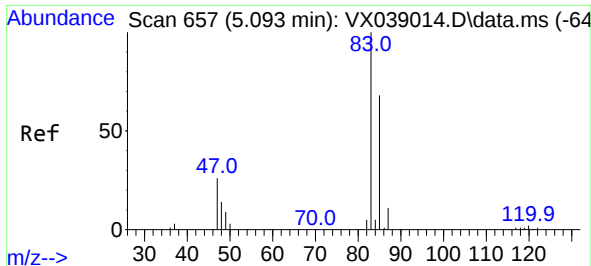
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#24
Methyl tert-Butyl Ether
Concen: 21.328 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 73 Resp: 114786
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.6





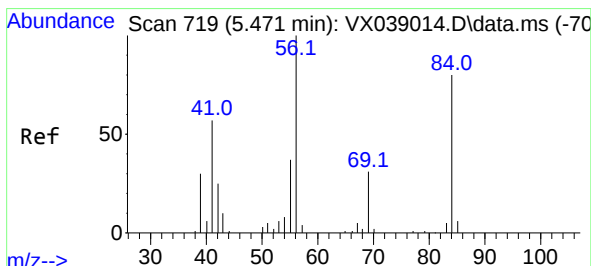
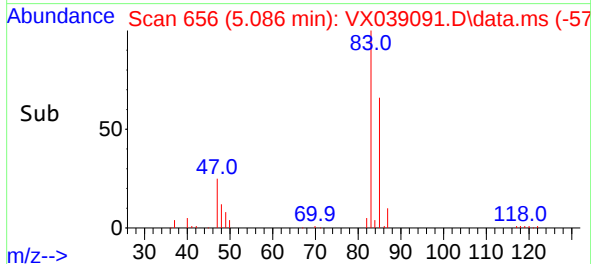
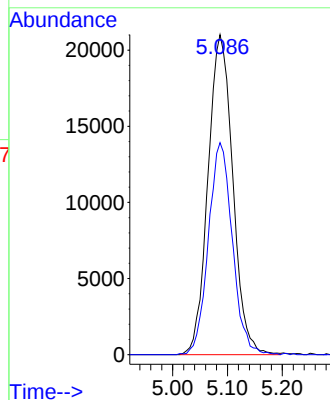
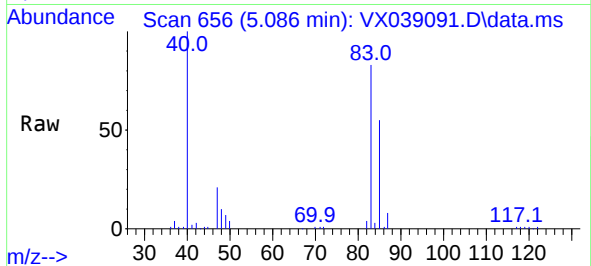
#25
Chloroform
Concen: 21.464 ug/l
RT: 5.086 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 66110
Ion Ratio Lower Upper
83 100
85 66.2 54.6 81.8

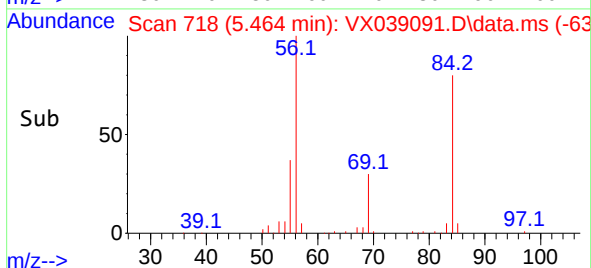
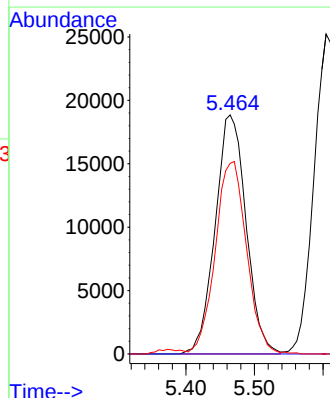
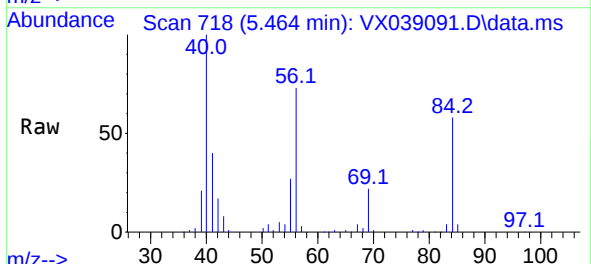
Manual Integrations
APPROVED

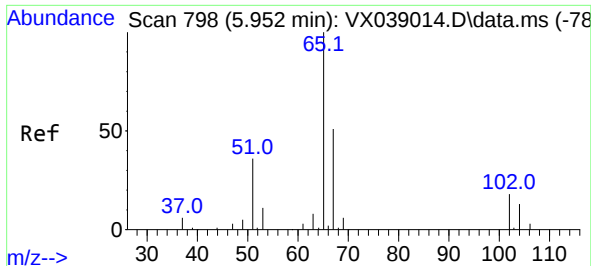
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#26
Cyclohexane
Concen: 21.262 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

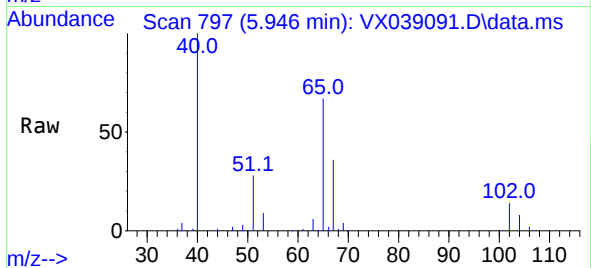
Tgt Ion: 56 Resp: 59056
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.6 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 29.984 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

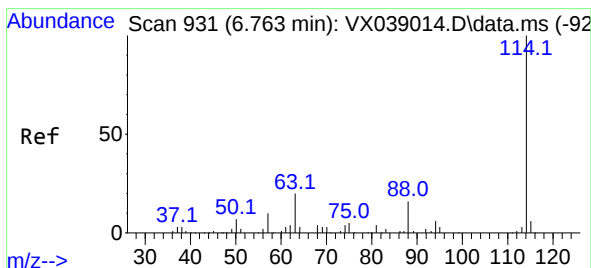
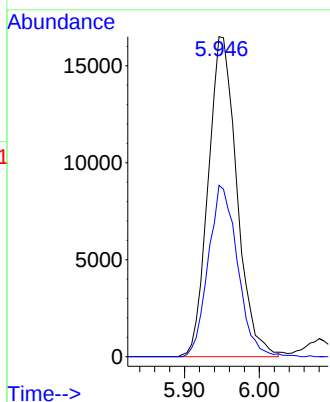
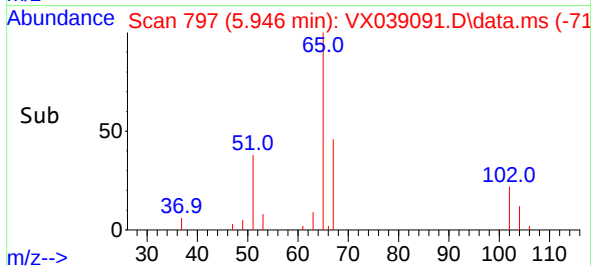
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



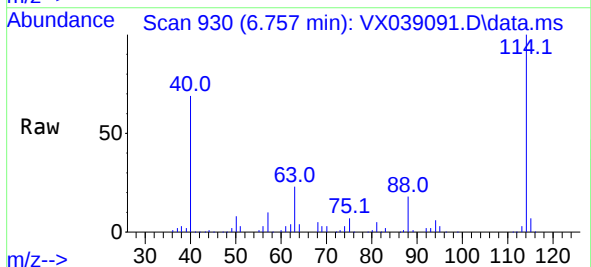
Tgt Ion: 65 Resp: 44060
Ion Ratio Lower Upper
65 100
67 54.6 42.5 63.7

Manual Integrations
APPROVED

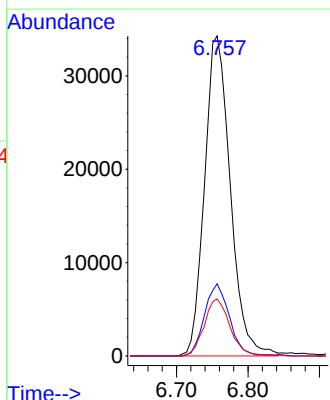
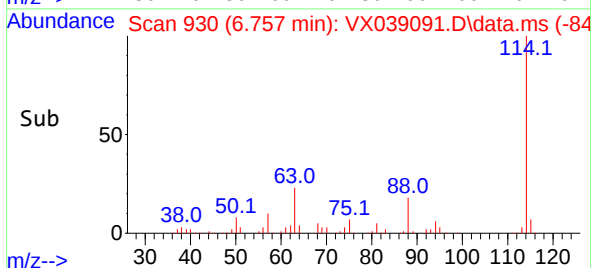
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

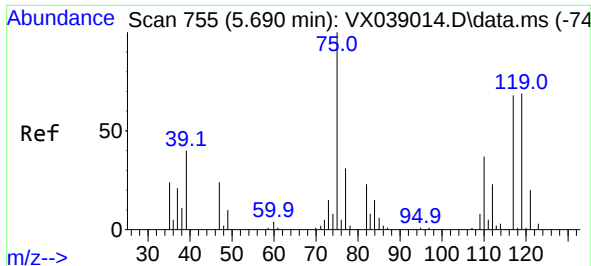


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion:114 Resp: 85748
Ion Ratio Lower Upper
114 100
63 21.8 17.0 25.4
88 17.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.567 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

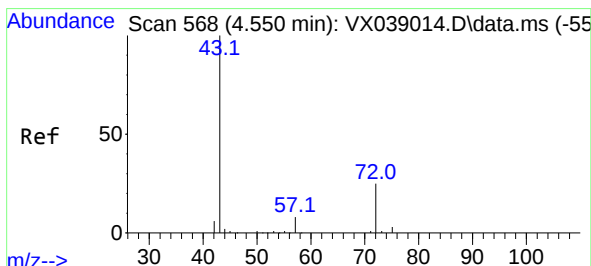
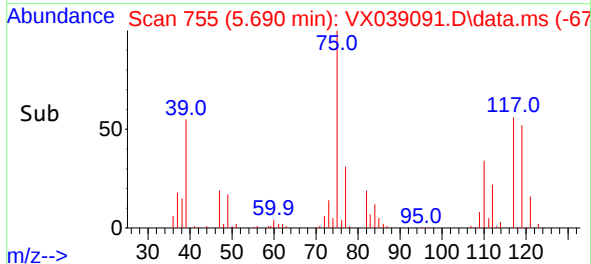
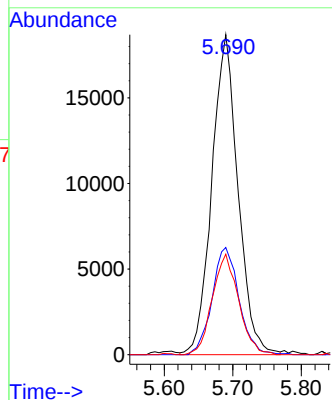
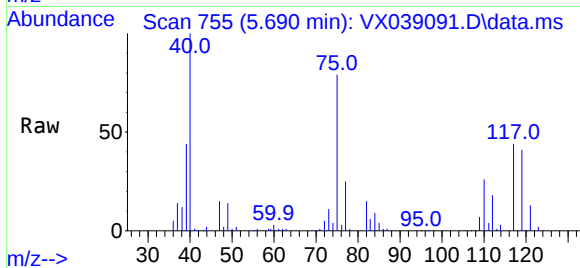
VSTDCCC020EC

Tgt Ion: 75 Resp: 4943
Ion Ratio Lower Upper
75 100
110 34.6 0.0 71.2
77 31.7 0.0 62.6

Manual Integrations

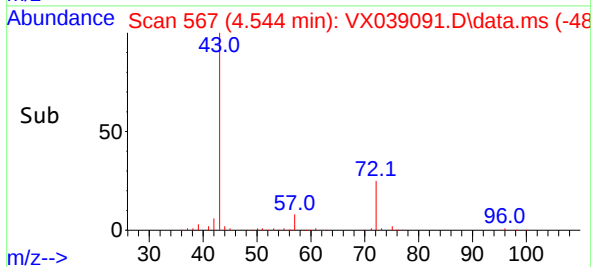
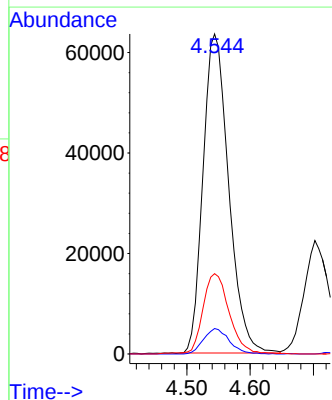
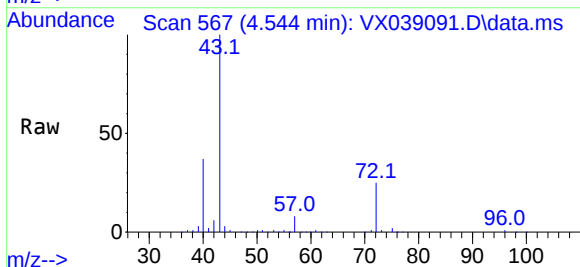
APPROVED

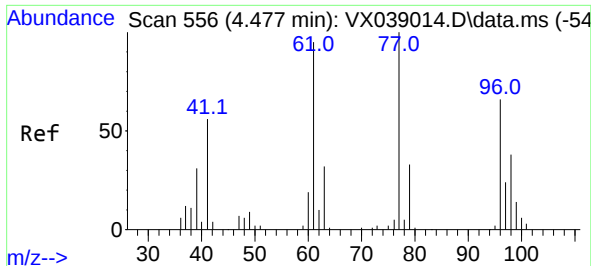
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#30
2-Butanone
Concen: 98.933 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 43 Resp: 179047
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.4 20.6 31.0





#31
2,2-Dichloropropane
Concen: 20.147 ug/l
RT: 4.471 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

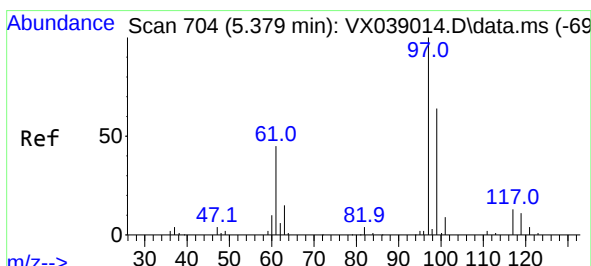
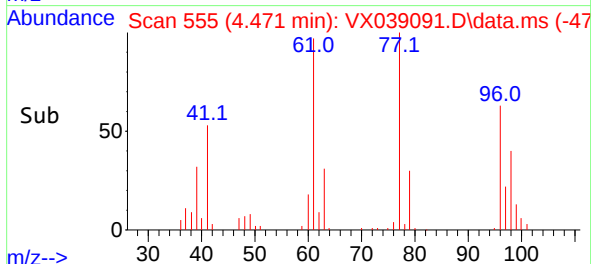
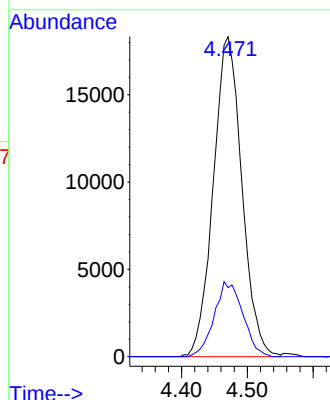
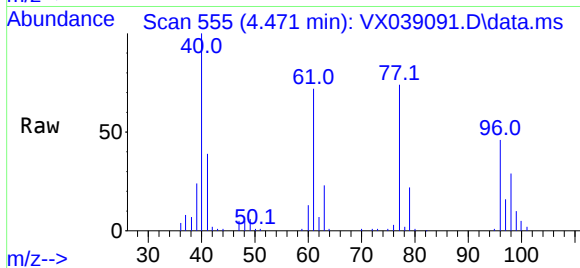
VSTDCCC020EC

Tgt Ion: 77 Resp: 55372
Ion Ratio Lower Upper
77 100
97 23.5 18.2 27.4

Manual Integrations

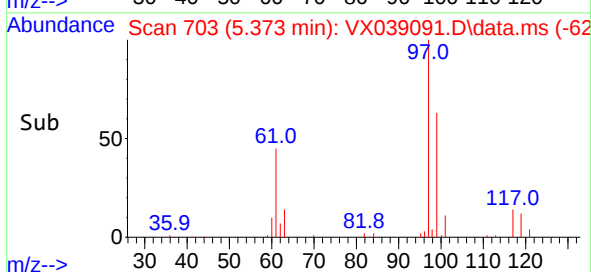
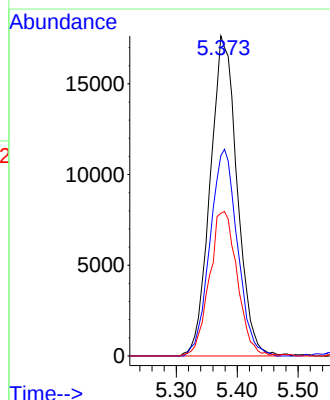
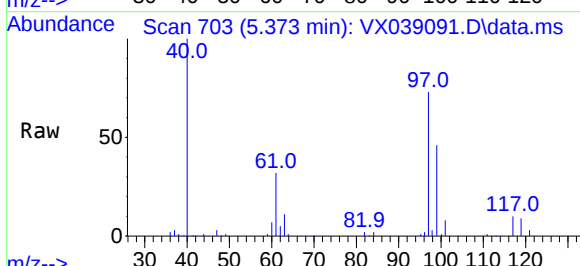
APPROVED

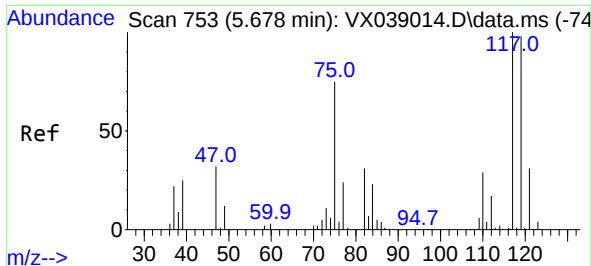
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#32
1,1,1-Trichloroethane
Concen: 19.502 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

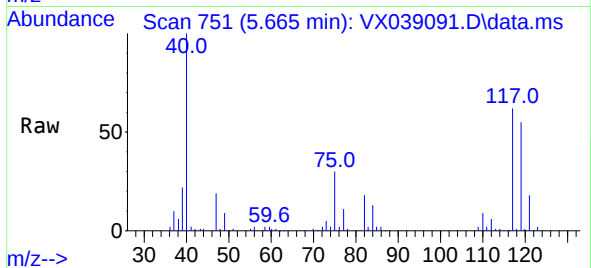
Tgt Ion: 97 Resp: 54182
Ion Ratio Lower Upper
97 100
99 65.9 52.6 79.0
61 46.5 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.723 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

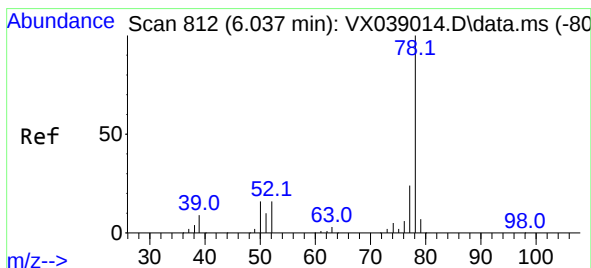
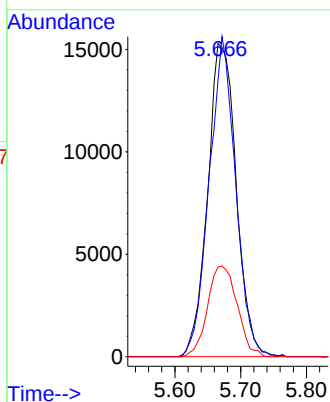
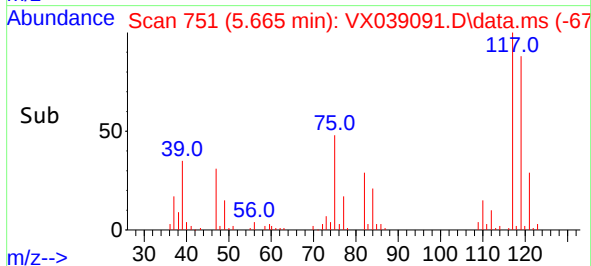
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



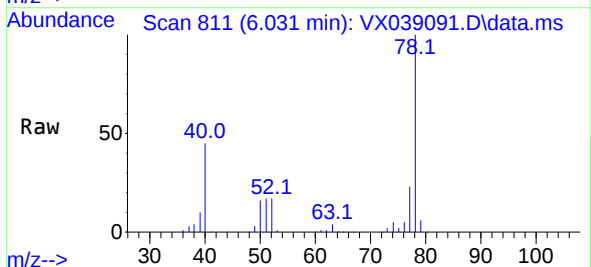
Tgt Ion:117 Resp: 46150
Ion Ratio Lower Upper
117 100
119 88.4 78.2 117.4
121 28.6 24.7 37.1

Manual Integrations
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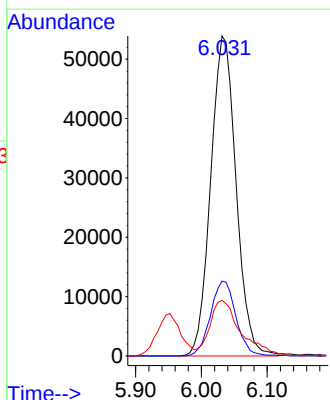
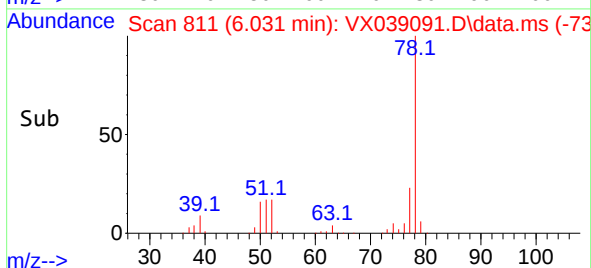
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

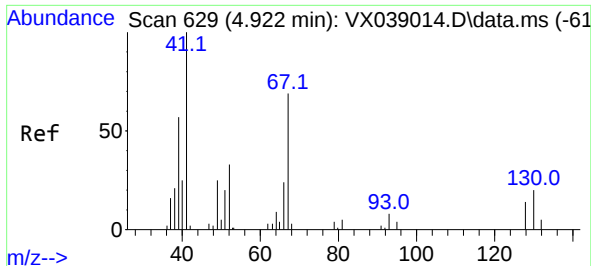


#34
Benzene
Concen: 20.692 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



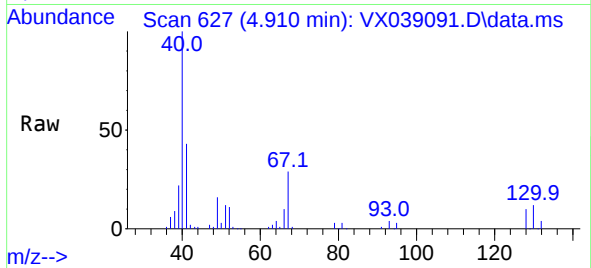
Tgt Ion: 78 Resp: 144891
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9
51 16.6 14.4 21.6





#35
Methacrylonitrile
Concen: 20.899 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

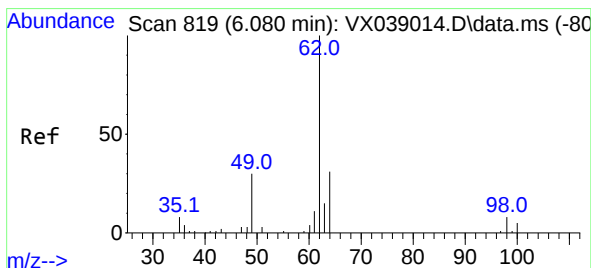
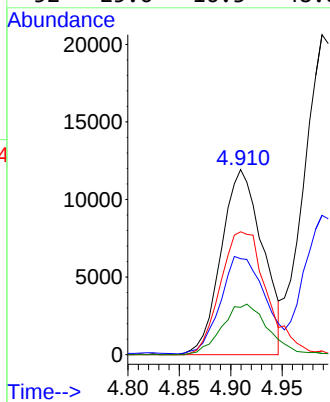
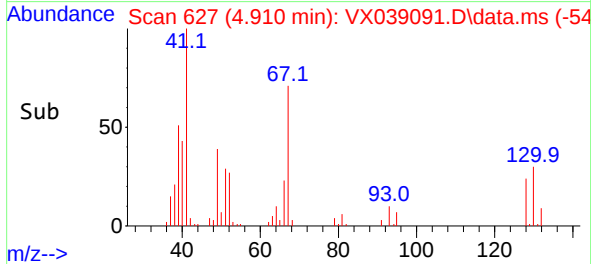
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



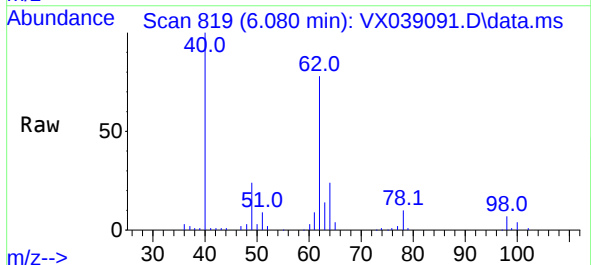
Tgt Ion: 41 Resp: 33504
Ion Ratio Lower Upper
41 100
39 51.4 28.2 84.7
67 66.4 34.5 103.5
52 25.6 16.3 48.8

Manual Integrations
APPROVED

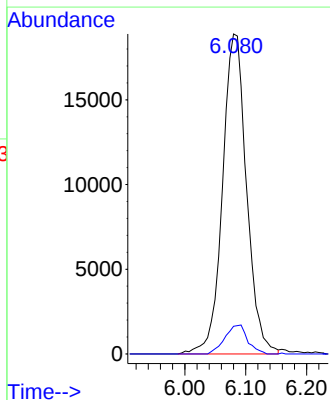
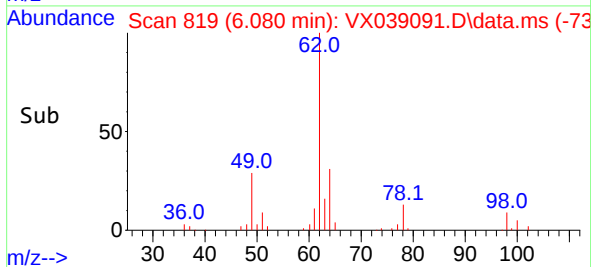
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

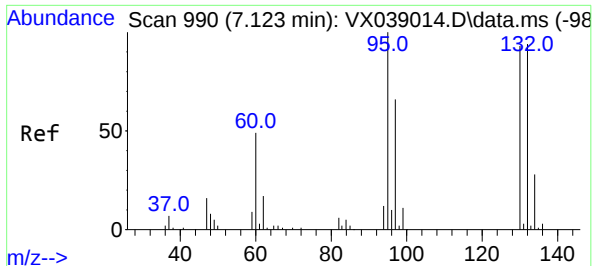


#36
1,2-Dichloroethane
Concen: 20.163 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



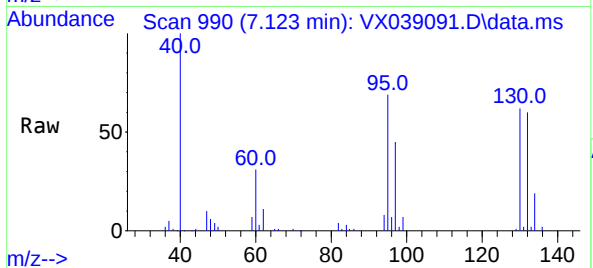
Tgt Ion: 62 Resp: 51804
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.4





#37
Trichloroethene
Concen: 19.642 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

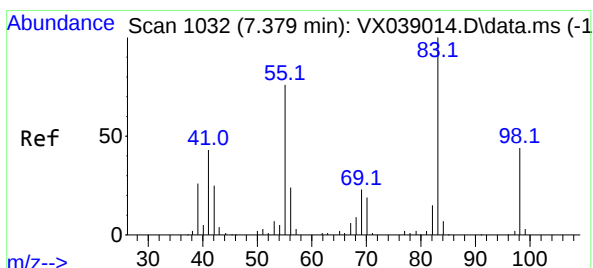
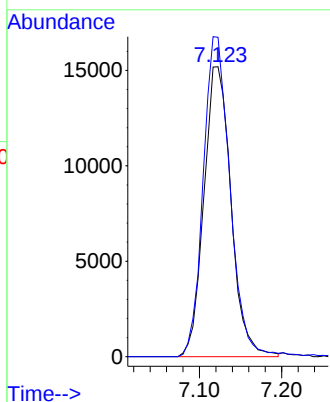
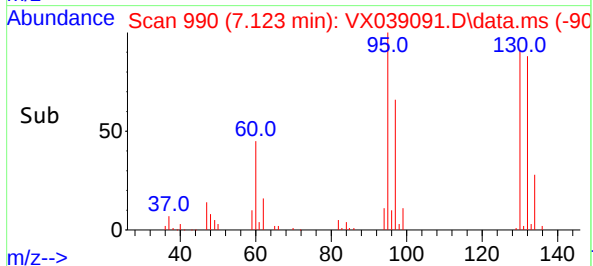
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



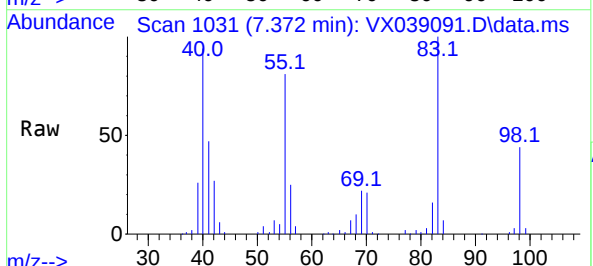
Tgt Ion:130 Resp: 34908
Ion Ratio Lower Upper
130 100
95 110.2 85.8 128.8

Manual Integrations
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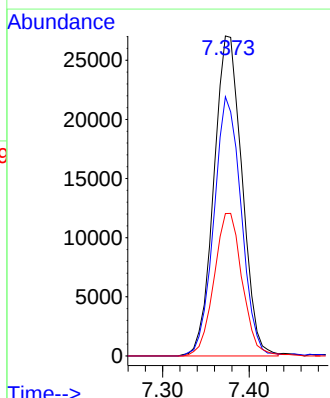
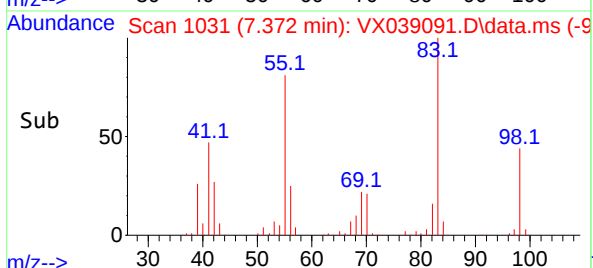
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

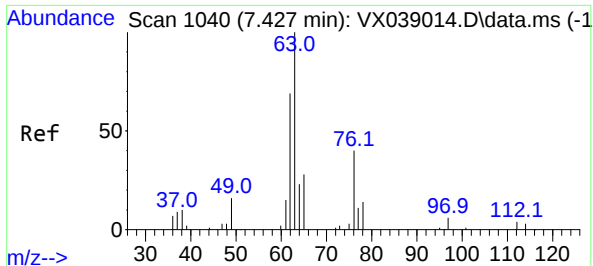


#38
Methylcyclohexane
Concen: 20.398 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion: 83 Resp: 61092
Ion Ratio Lower Upper
83 100
55 78.7 38.6 116.0
98 44.7 22.3 66.8





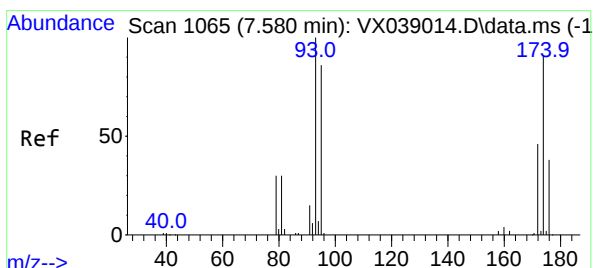
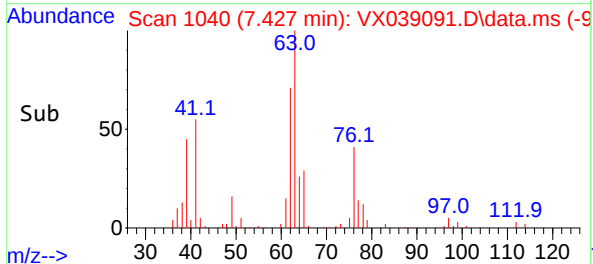
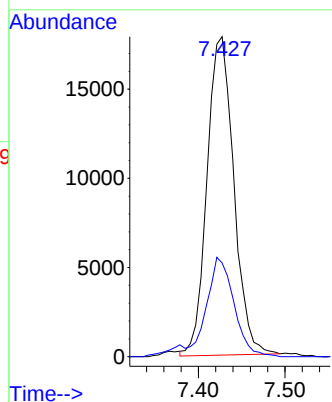
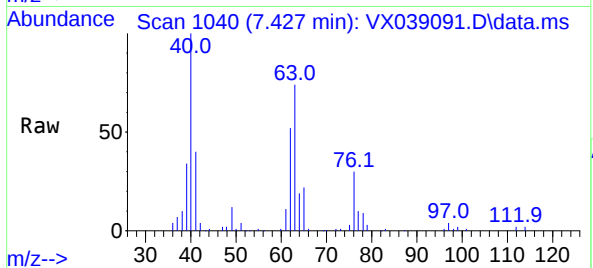
#39
1,2-Dichloropropane
Concen: 20.790 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 3839
Ion Ratio Lower Upper
63 100
65 29.6 24.6 37.0

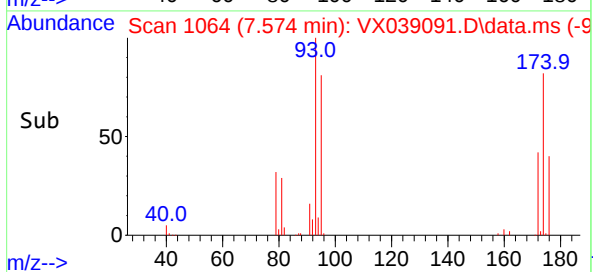
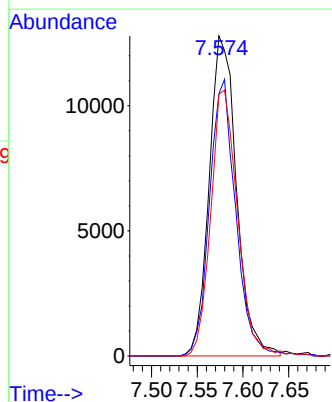
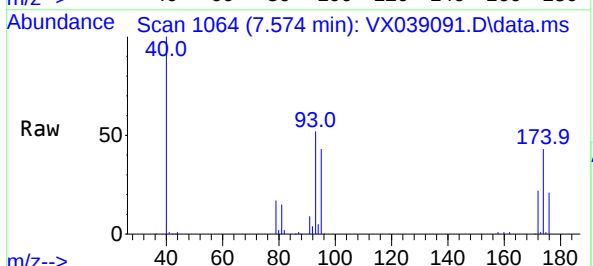
Manual Integrations
APPROVED

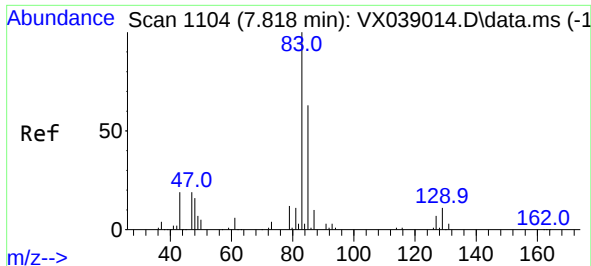
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#40
Dibromomethane
Concen: 20.349 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

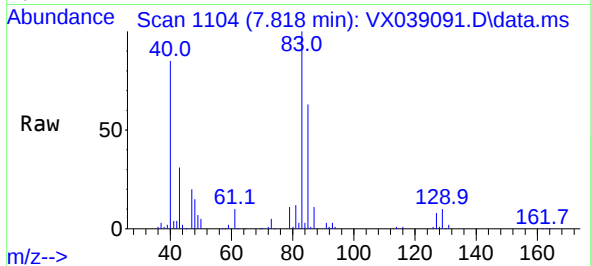
Tgt Ion: 93 Resp: 26551
Ion Ratio Lower Upper
93 100
95 83.0 0.0 163.4
174 81.9 0.0 166.4





#41
Bromodichloromethane
Concen: 20.545 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

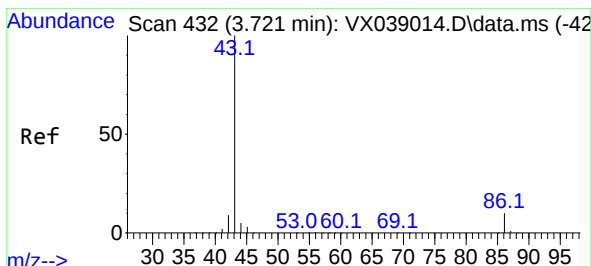
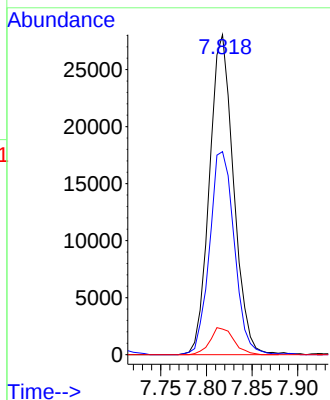
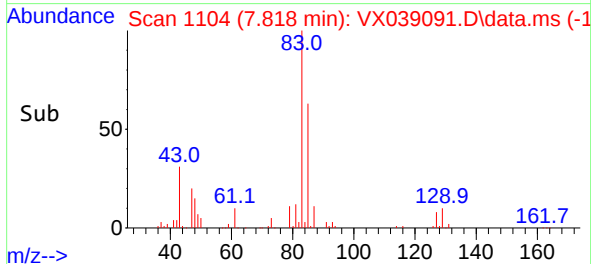
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



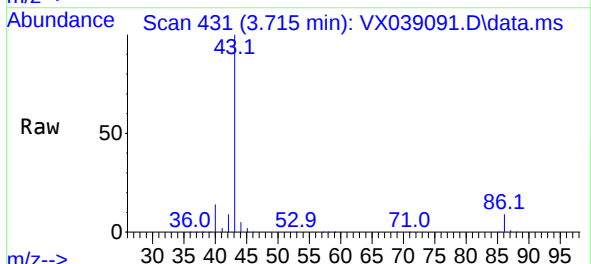
Tgt Ion: 83 Resp: 51499
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 8.0 5.9 8.9

Manual Integrations
APPROVED

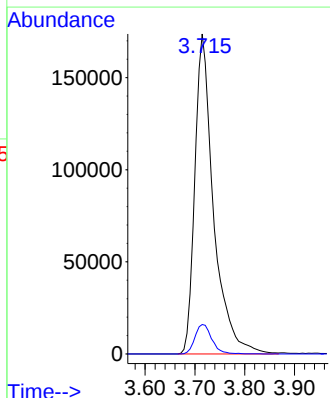
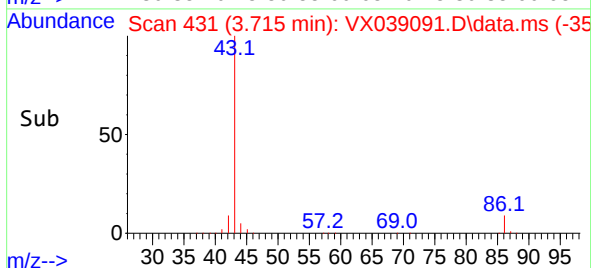
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

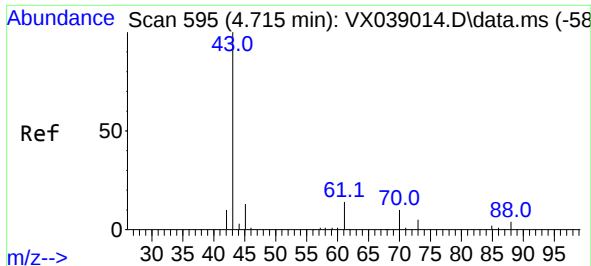


#42
Vinyl Acetate
Concen: 105.050 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



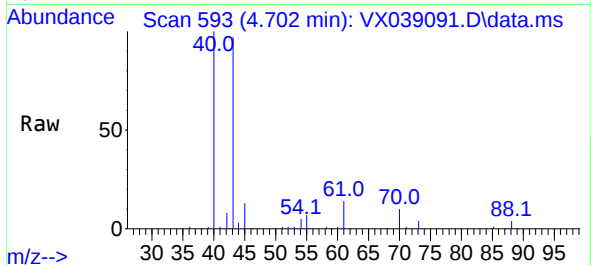
Tgt Ion: 43 Resp: 452824
Ion Ratio Lower Upper
43 100
86 8.2 6.7 10.1





#43
Ethyl Acetate
Concen: 20.784 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

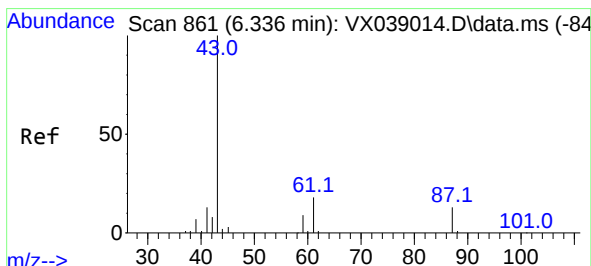
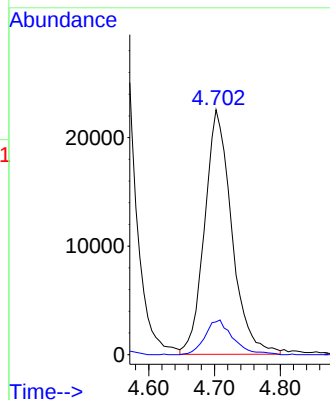
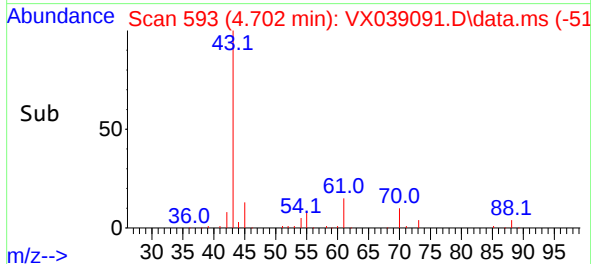
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



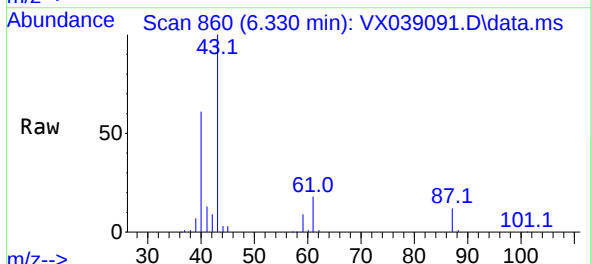
Tgt Ion: 43 Resp: 64711
Ion Ratio Lower Upper
43 100
45 14.3 11.8 17.8

Manual Integrations
APPROVED

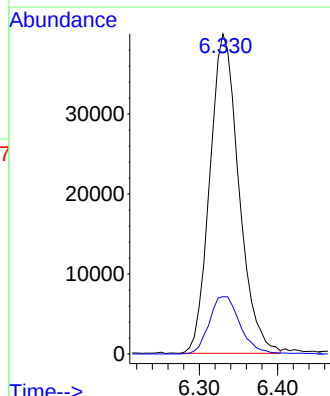
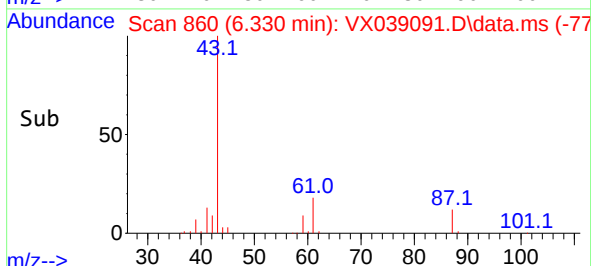
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

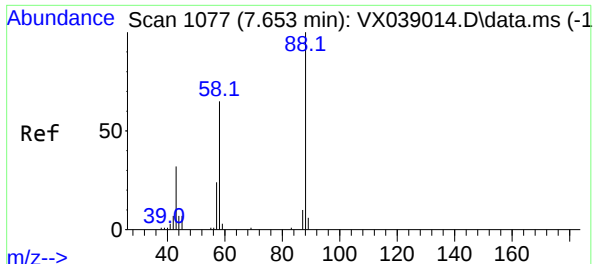


#44
Isopropyl Acetate
Concen: 20.979 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



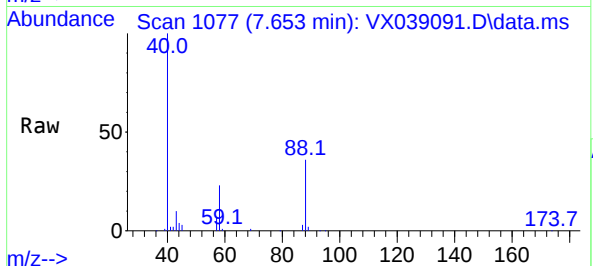
Tgt Ion: 43 Resp: 102969
Ion Ratio Lower Upper
43 100
61 19.1 15.6 23.4





#45
1,4-Dioxane
Concen: 317.802 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

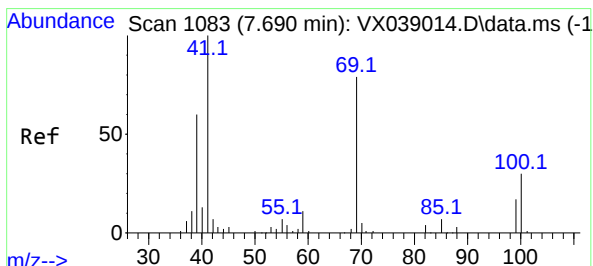
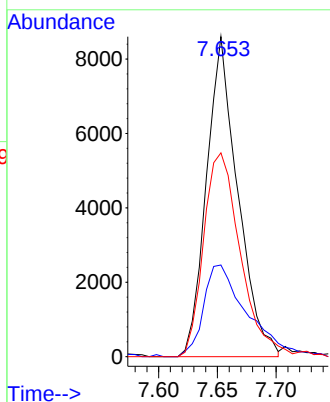
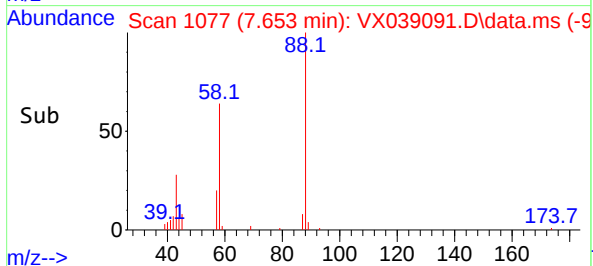
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



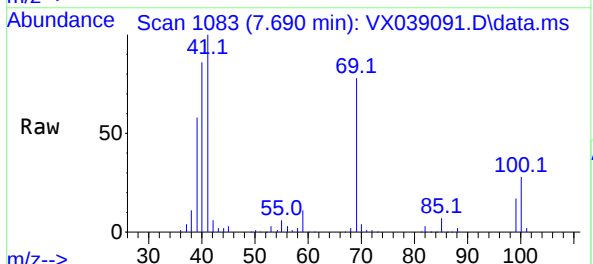
Tgt Ion: 88 Resp: 15924
Ion Ratio Lower Upper
88 100
43 40.2 28.1 42.1
58 74.7 57.7 86.5

Manual Integrations
APPROVED

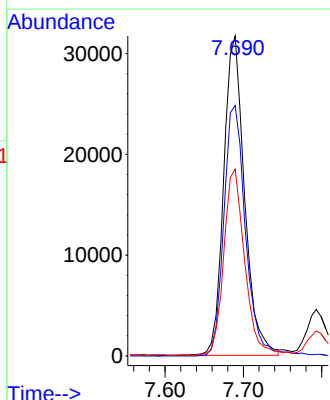
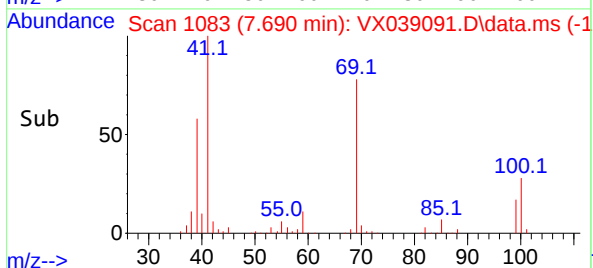
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

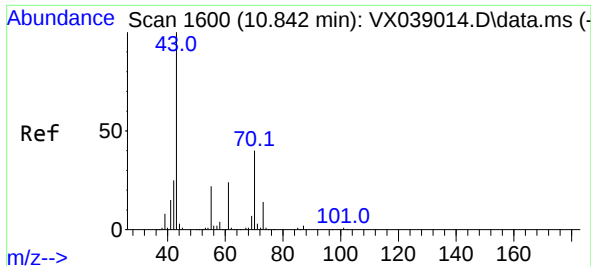


#46
Methyl methacrylate
Concen: 20.923 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



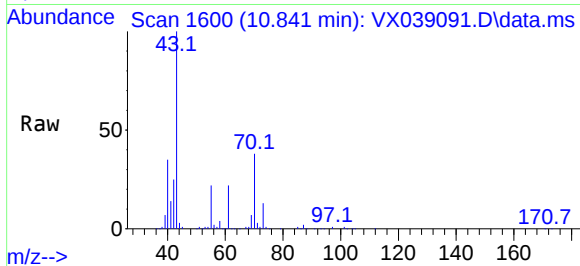
Tgt Ion: 41 Resp: 58716
Ion Ratio Lower Upper
41 100
69 78.4 39.6 118.8
39 58.2 30.1 90.3





#47
n-amy1 Acetate
Concen: 20.901 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

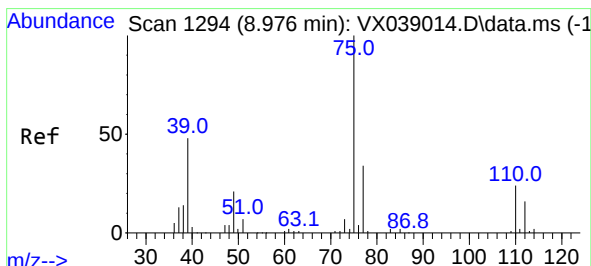
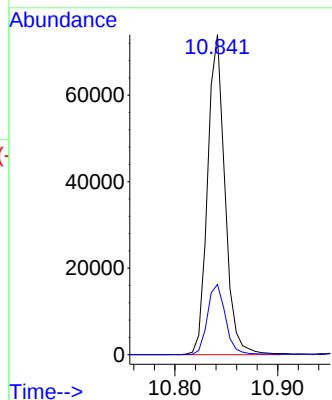
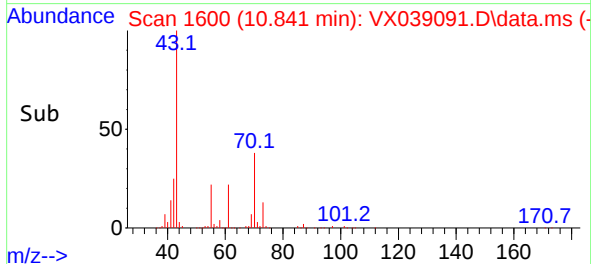
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 86829
Ion Ratio Lower Upper
43 100
55 22.7 18.2 27.2

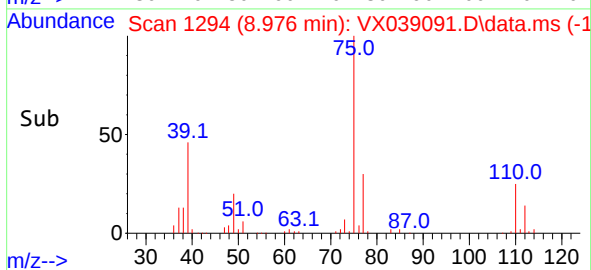
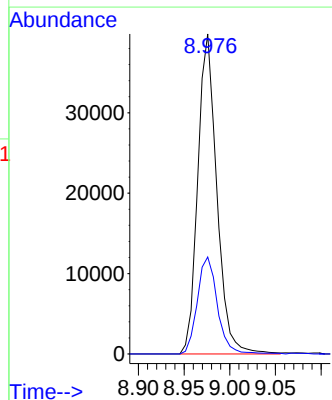
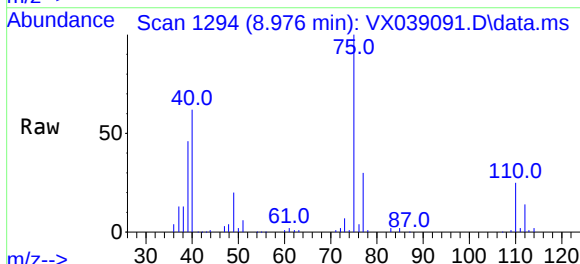
Manual Integrations
APPROVED

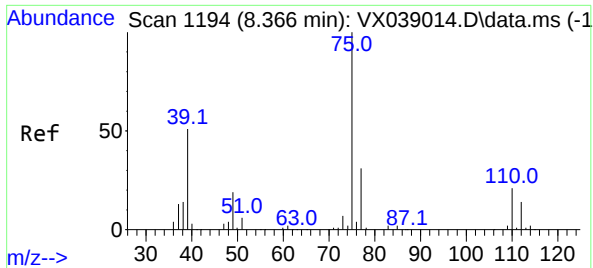
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#48
t-1,3-Dichloropropene
Concen: 19.870 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 75 Resp: 57754
Ion Ratio Lower Upper
75 100
77 30.3 26.8 40.2





#49
cis-1,3-Dichloropropene
Concen: 20.918 ug/l
RT: 8.360 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

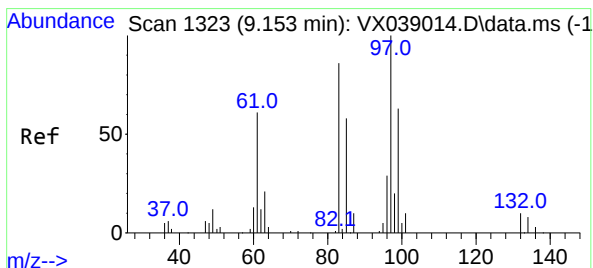
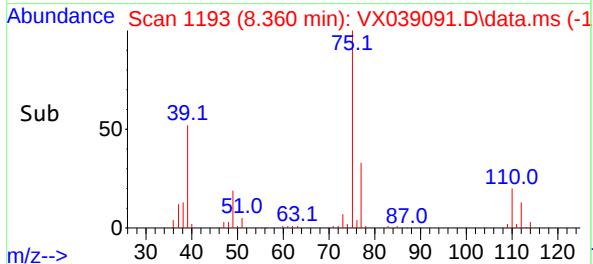
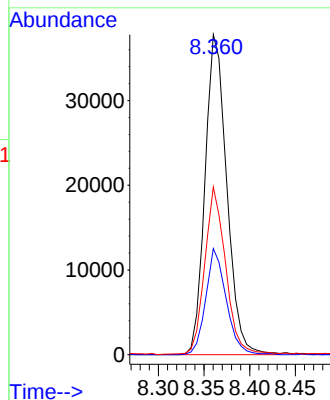
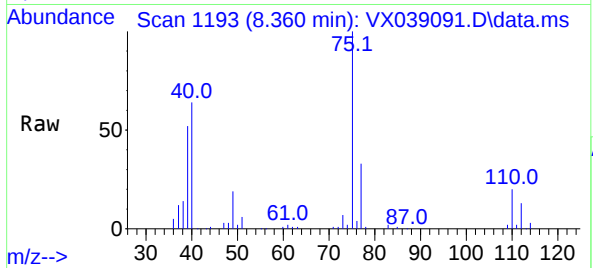
VSTDCCC020EC

Tgt Ion: 75 Resp: 6272
Ion Ratio Lower Upper
75 100
77 33.2 24.4 36.6
39 52.1 40.6 60.8

Manual Integrations

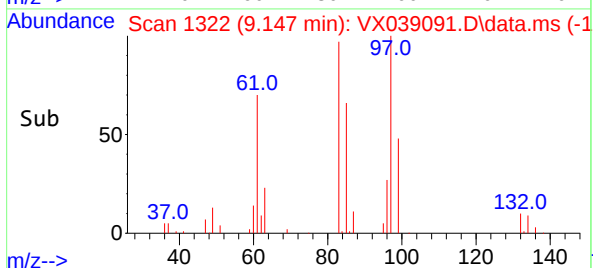
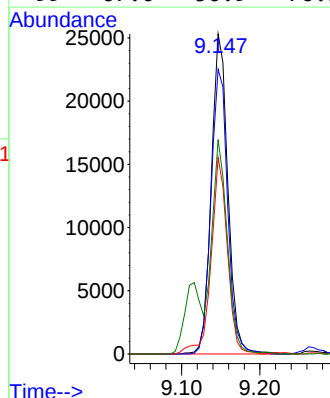
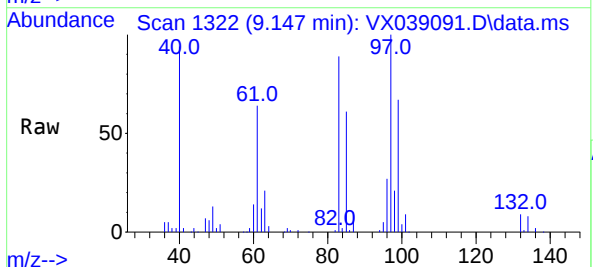
APPROVED

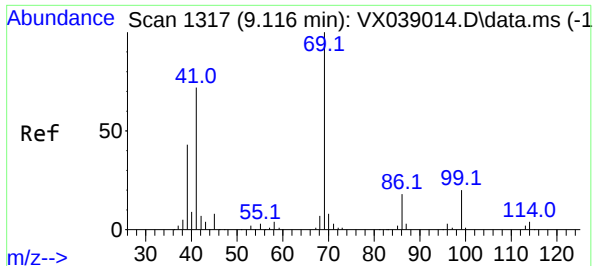
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#50
1,1,2-Trichloroethane
Concen: 20.949 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 97 Resp: 37131
Ion Ratio Lower Upper
97 100
83 89.0 69.0 103.6
85 61.1 46.3 69.5
99 67.0 50.9 76.3





#51

Ethyl methacrylate

Concen: 21.000 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 69 Resp: 46594

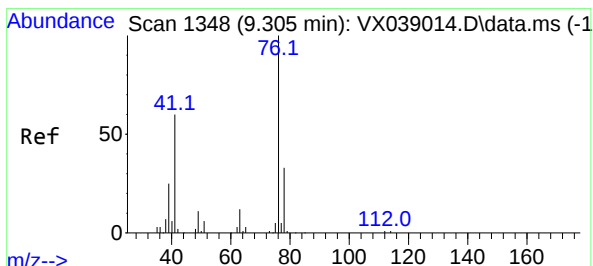
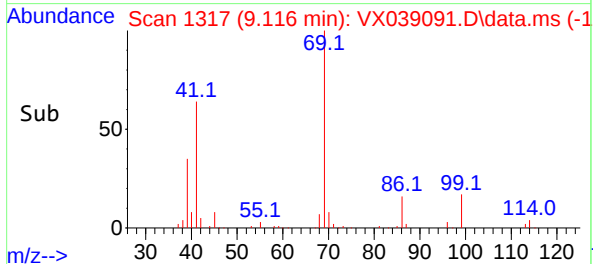
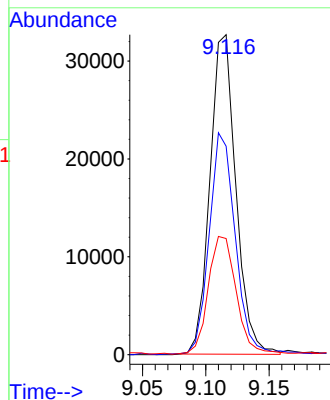
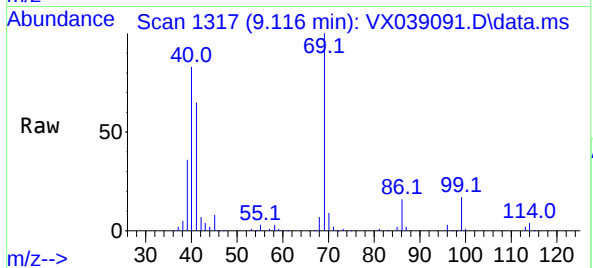
Ion	Ratio	Lower	Upper
69	100		
41	64.9	36.2	108.6
39	36.0	21.1	63.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#52

1,3-Dichloropropane

Concen: 21.253 ug/l

RT: 9.305 min Scan# 1348

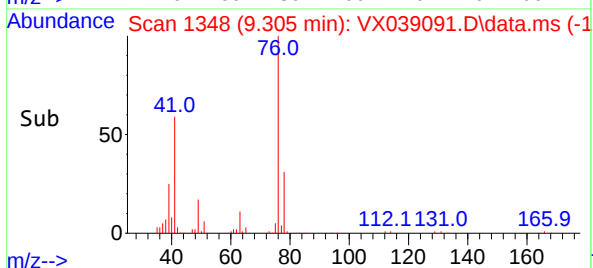
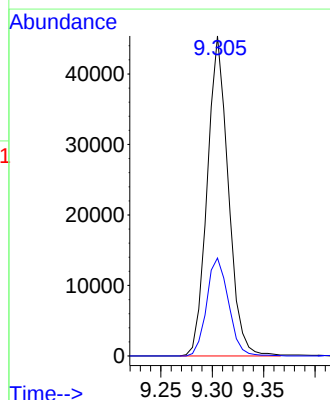
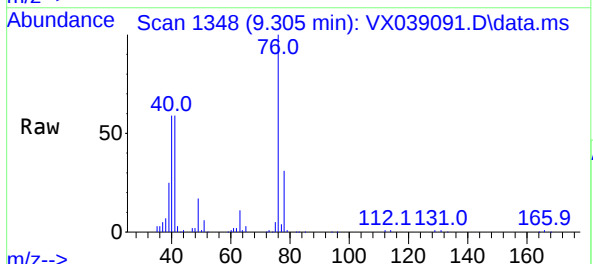
Delta R.T. -0.000 min

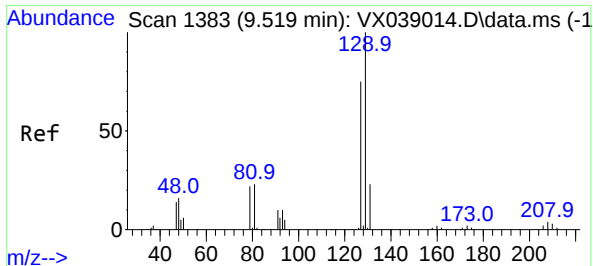
Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Tgt Ion: 76 Resp: 64594

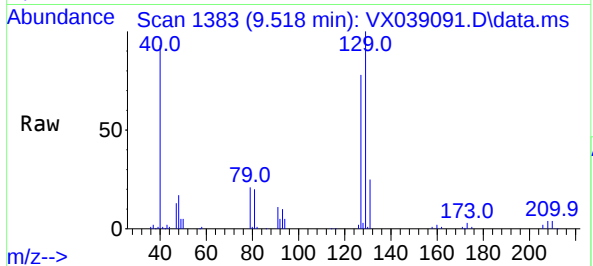
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	65.0





#53
Dibromochloromethane
Concen: 19.425 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

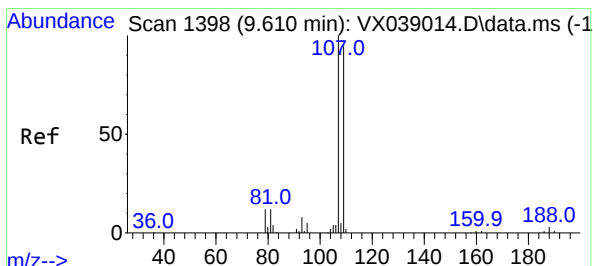
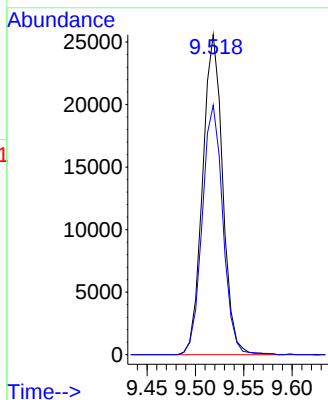
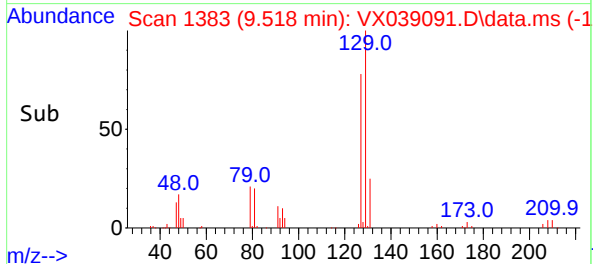
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



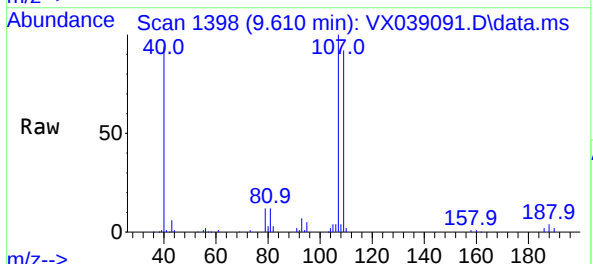
Tgt Ion:129 Resp: 3697
Ion Ratio Lower Upper
129 100
127 80.3 38.3 114.9

Manual Integrations
APPROVED

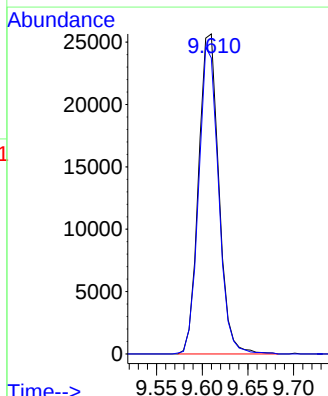
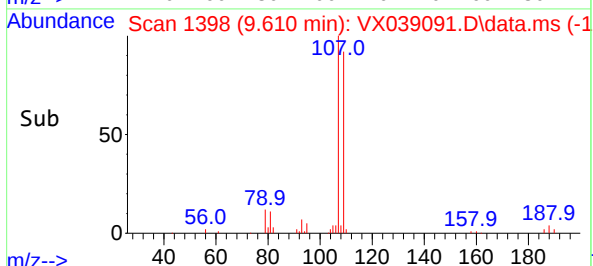
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

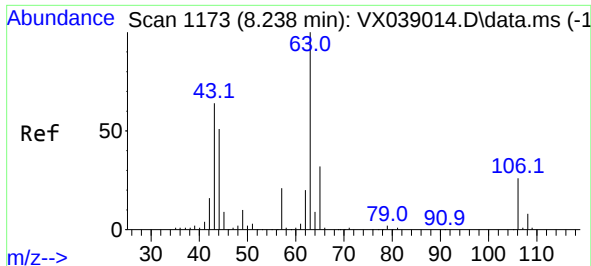


#54
1,2-Dibromoethane
Concen: 20.329 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion:107 Resp: 39515
Ion Ratio Lower Upper
107 100
109 94.1 75.1 112.7





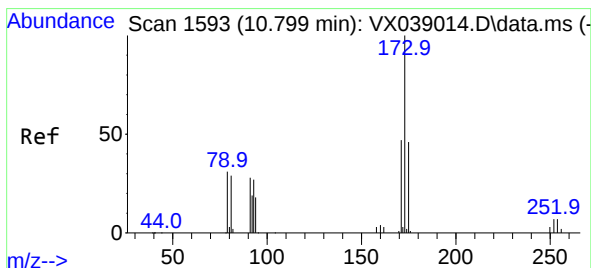
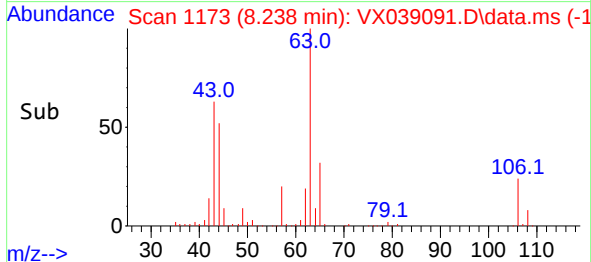
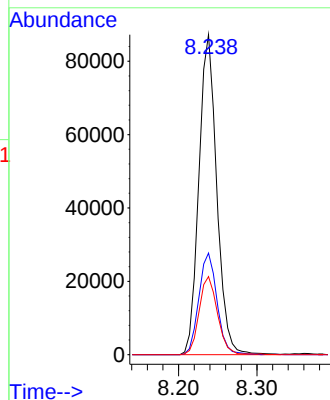
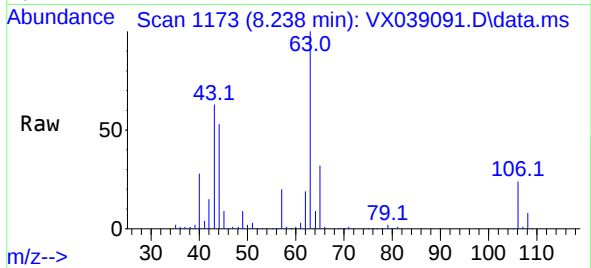
#55
2-Chloroethyl vinyl ether
Concen: 98.591 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 13865
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 24.9 20.6 31.0

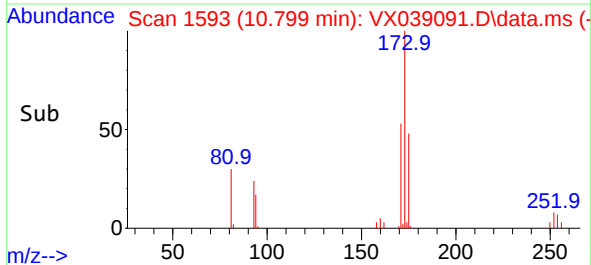
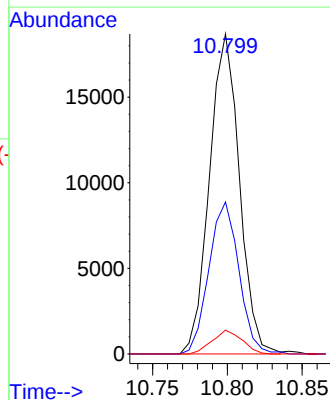
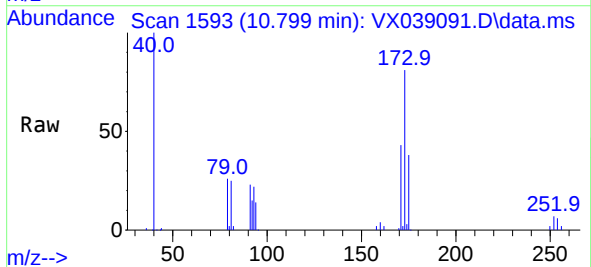
Manual Integrations
APPROVED

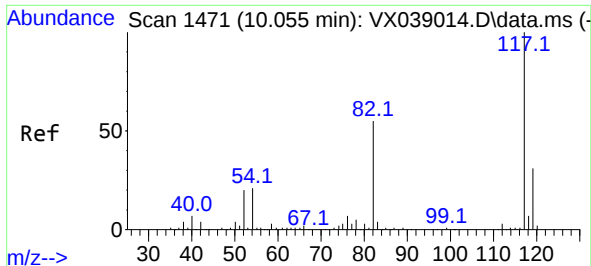
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#56
Bromoform
Concen: 18.934 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion:173 Resp: 26013
Ion Ratio Lower Upper
173 100
175 47.6 37.6 56.4
254 7.4 5.8 8.8





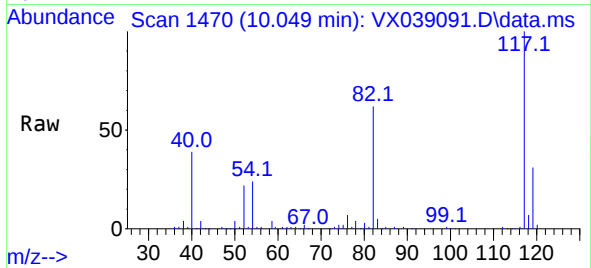
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



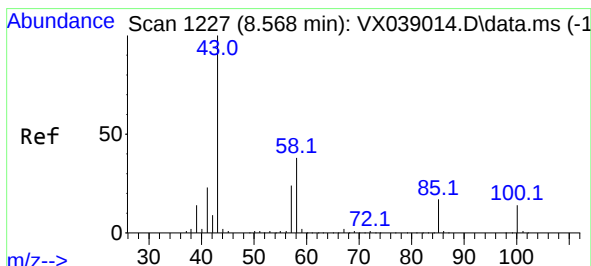
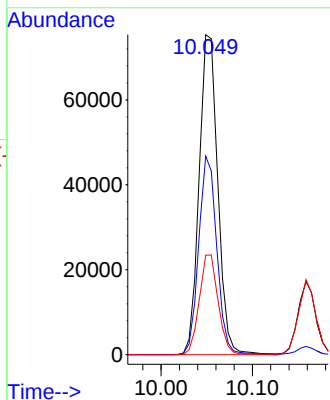
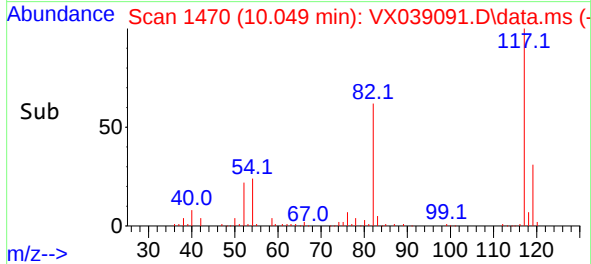
Tgt Ion: 117 Resp: 107209
Ion Ratio Lower Upper
117 100
82 60.2 47.0 70.6
119 31.6 25.2 37.8

Manual Integrations

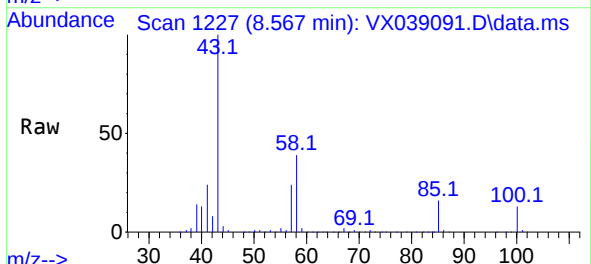
APPROVED

Reviewed By :John Carlone 12/08/2023

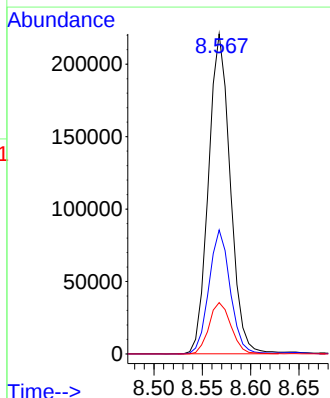
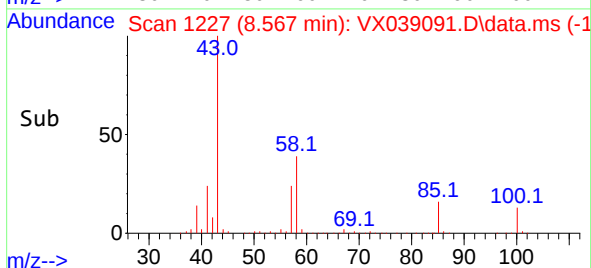
Supervised By :Mahesh Dadoda 12/08/2023

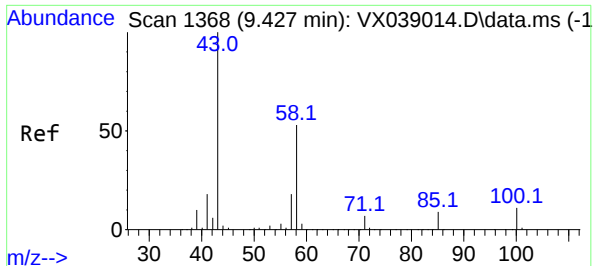


#58
4-Methyl-2-Pentanone
Concen: 106.484 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion: 43 Resp: 346190
Ion Ratio Lower Upper
43 100
58 37.9 30.1 45.1
85 16.3 13.9 20.9





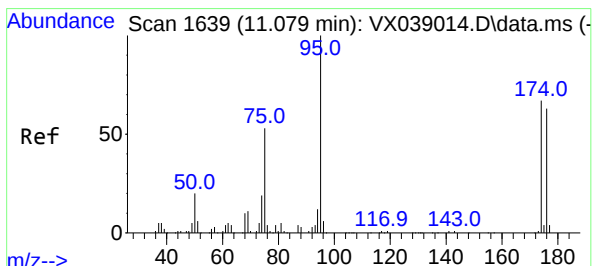
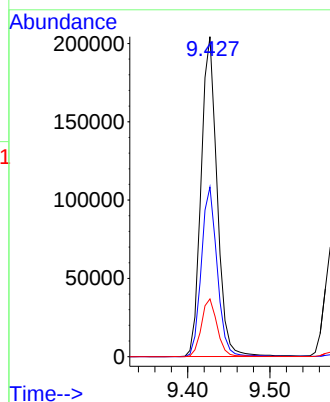
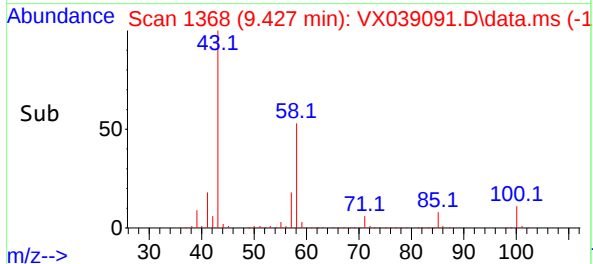
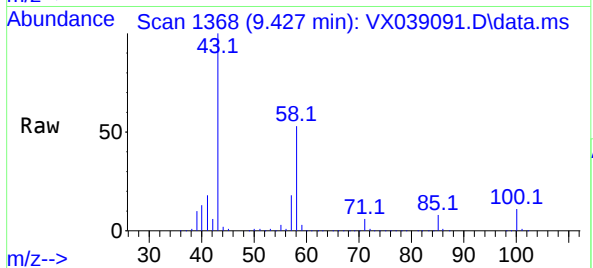
#59
2-Hexanone
Concen: 103.674 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 27666
Ion Ratio Lower Upper
43 100
58 52.1 42.7 64.1
57 18.0 14.8 22.2

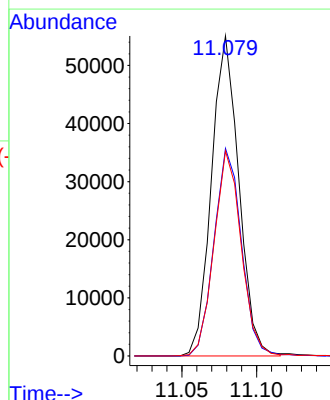
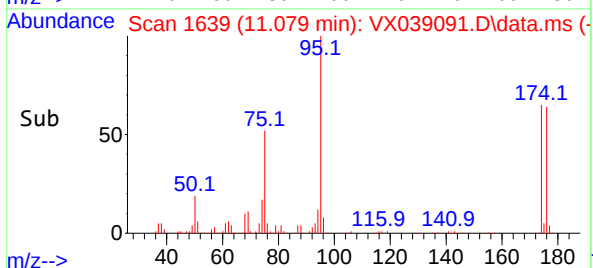
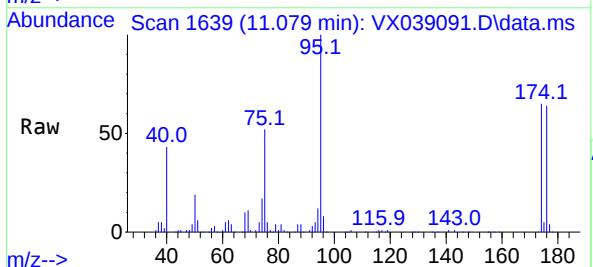
Manual Integrations
APPROVED

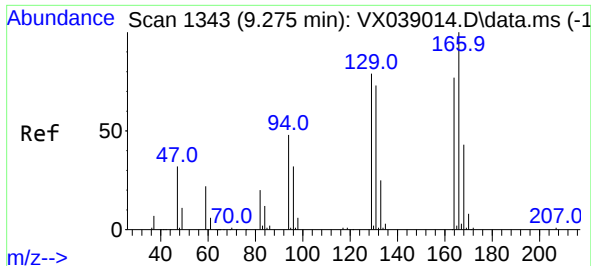
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#60
4-Bromofluorobenzene
Concen: 29.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 95 Resp: 70016
Ion Ratio Lower Upper
95 100
174 65.1 55.4 83.2
176 63.3 52.6 78.8





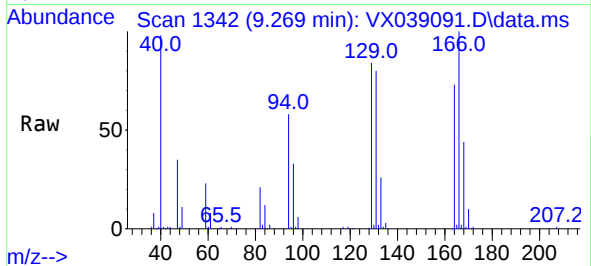
#61
Tetrachloroethene
Concen: 19.582 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

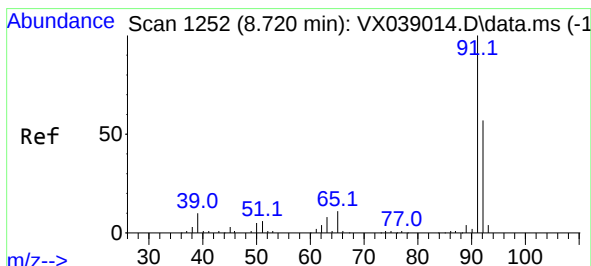
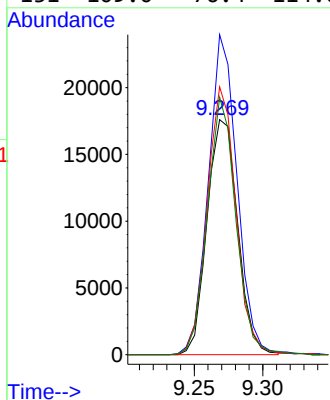
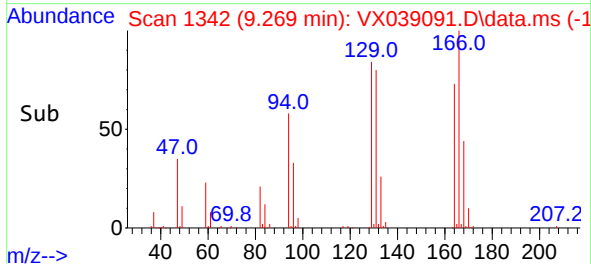


Tgt Ion:164 Resp: 2729
Ion Ratio Lower Upper
164 100
166 135.7 104.0 156.0
129 113.9 82.0 123.0
131 109.0 76.4 114.6

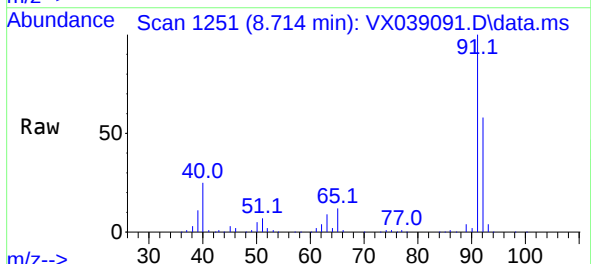
Manual Integrations

APPROVED

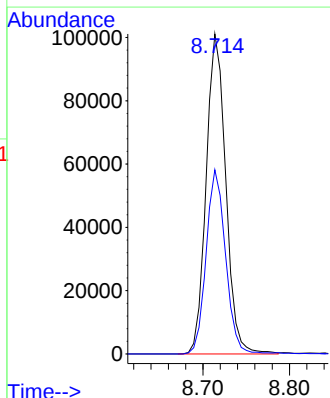
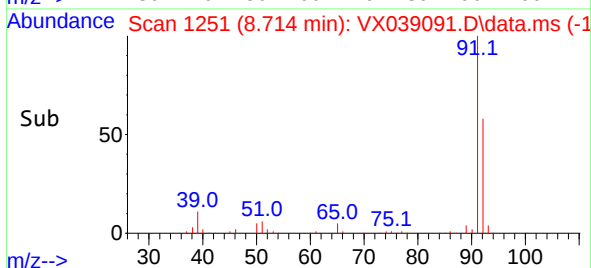
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

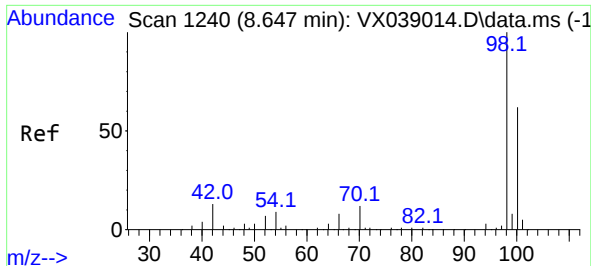


#62
Toluene
Concen: 20.882 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



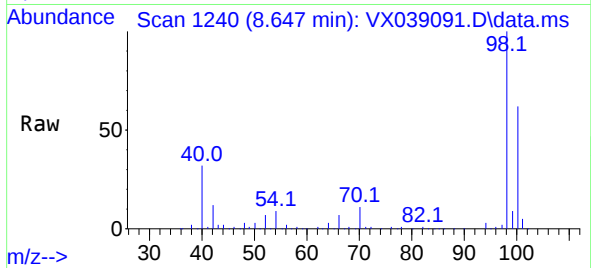
Tgt Ion: 91 Resp: 158946
Ion Ratio Lower Upper
91 100
92 57.0 45.9 68.9





#63
Toluene-d8
Concen: 30.407 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

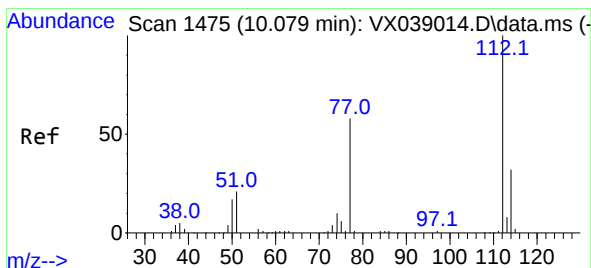
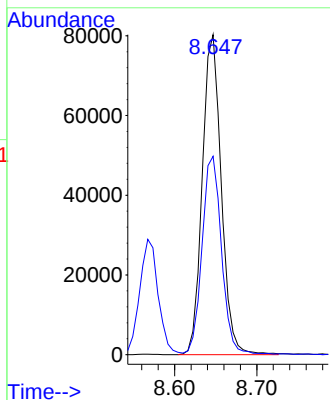
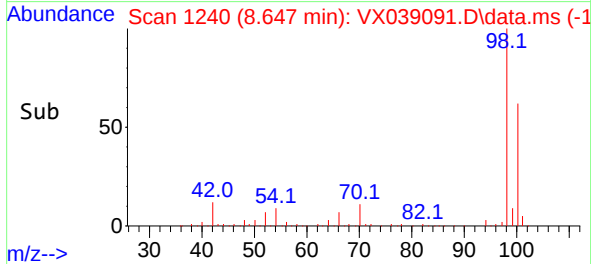
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



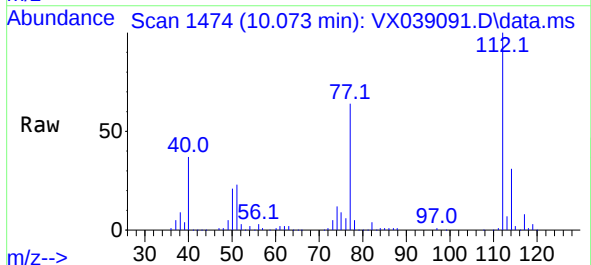
Tgt Ion: 98 Resp: 12888
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.4

Manual Integrations
APPROVED

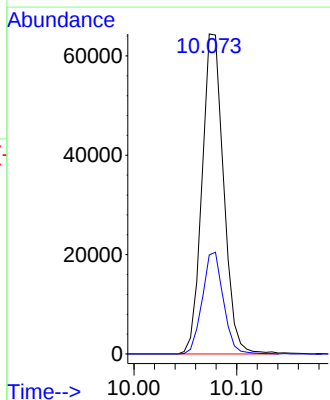
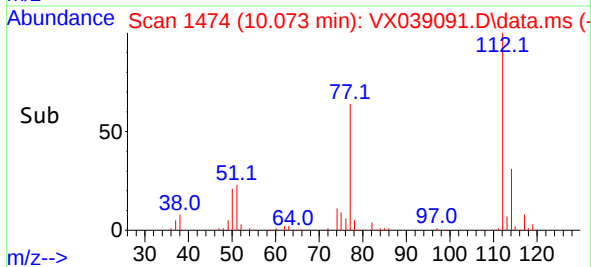
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

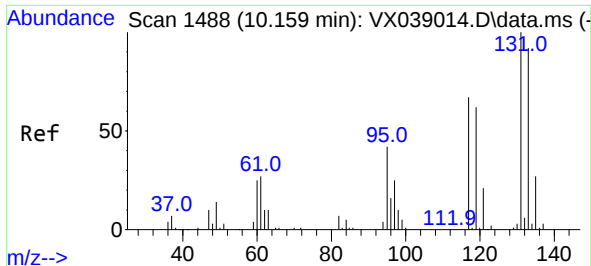


#64
Chlorobenzene
Concen: 20.336 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion:112 Resp: 94156
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9





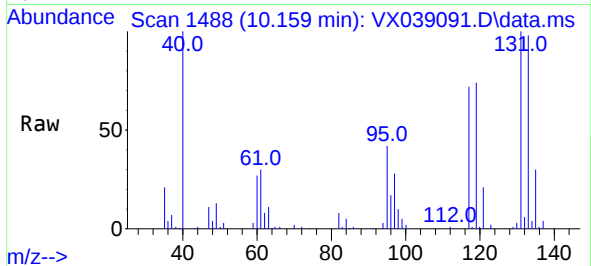
#65
1,1,1,2-Tetrachloroethane
Concen: 19.960 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

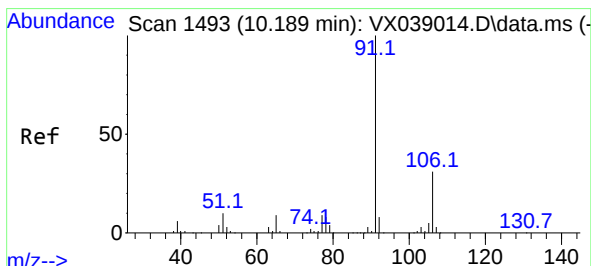
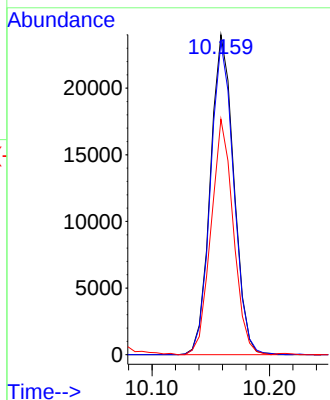
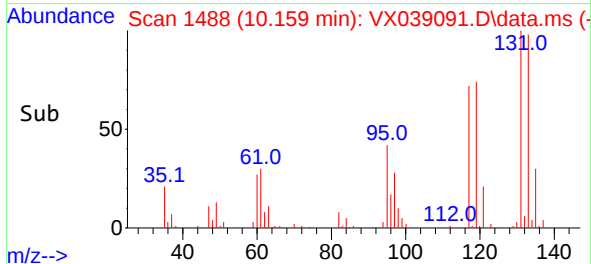


Tgt Ion:131 Resp: 3328
Ion Ratio Lower Upper
131 100
133 96.7 0.0 191.8
119 69.9 0.0 135.4

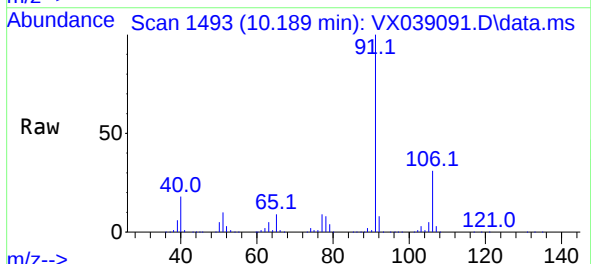
Manual Integrations

APPROVED

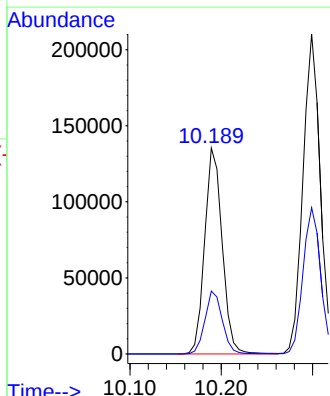
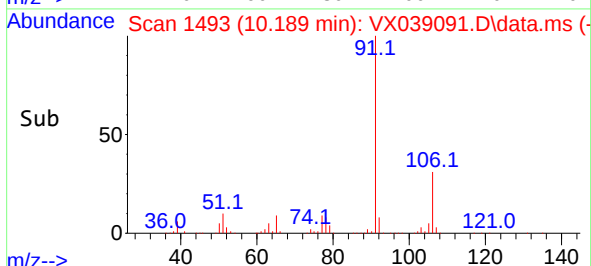
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

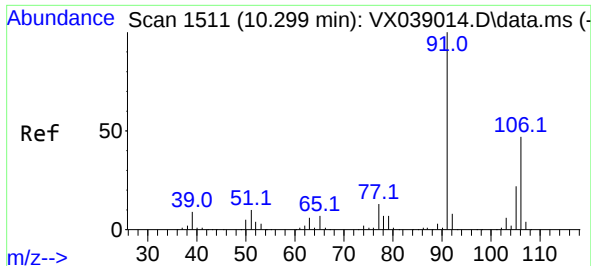


#66
Ethyl Benzene
Concen: 20.712 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion: 91 Resp: 179518
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6





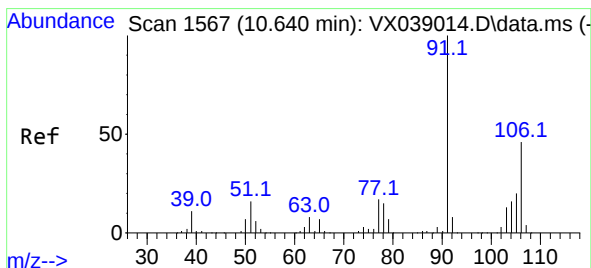
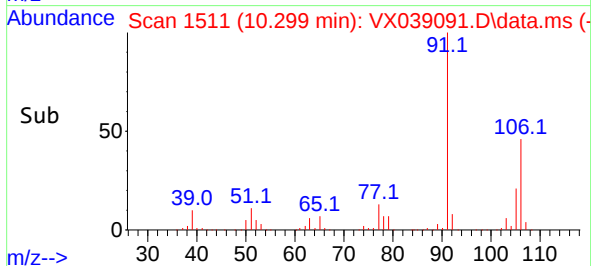
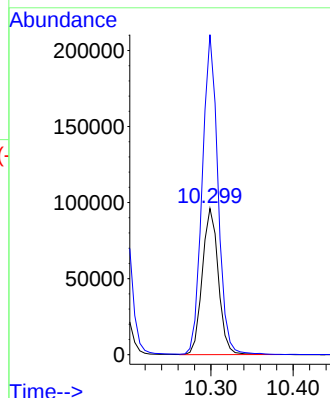
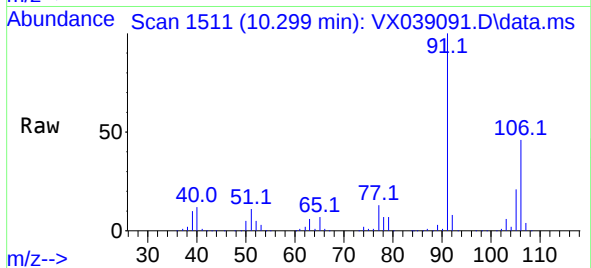
#67
m/p-Xylenes
Concen: 40.664 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 130234
Ion Ratio Lower Upper
106 100
91 214.9 169.4 254.0

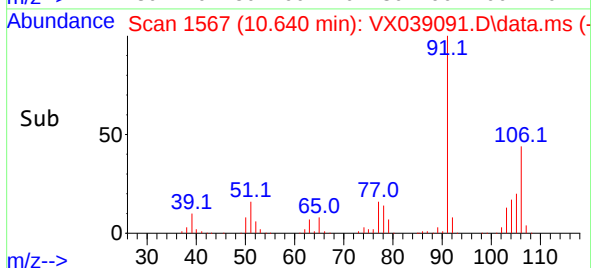
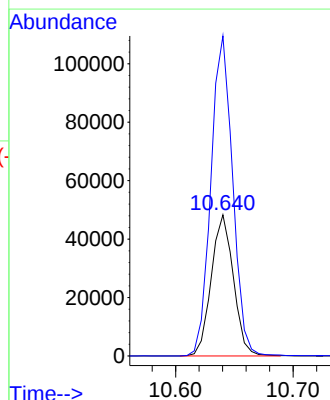
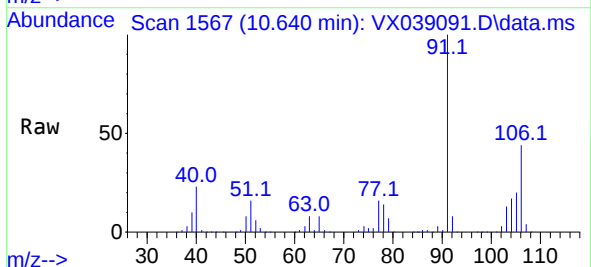
Manual Integrations
APPROVED

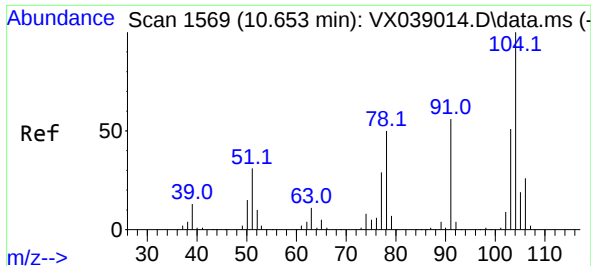
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#68
o-Xylene
Concen: 20.379 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion:106 Resp: 63224
Ion Ratio Lower Upper
106 100
91 222.6 111.2 333.6





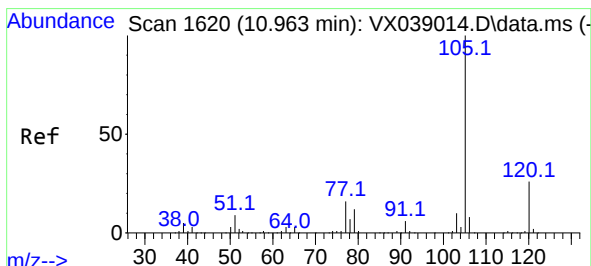
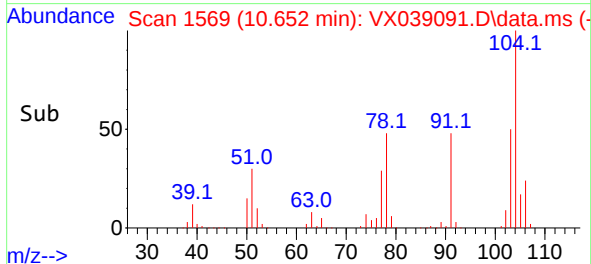
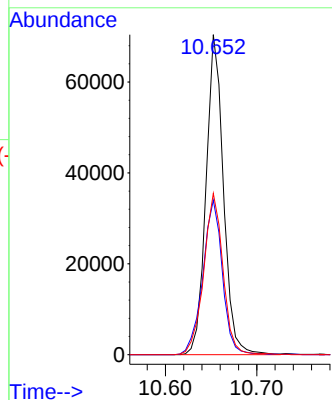
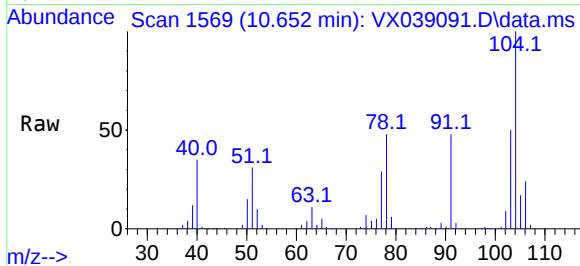
#69
Styrene
Concen: 20.261 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 93025
Ion Ratio Lower Upper
104 100
78 54.7 43.7 65.5
103 55.8 44.6 67.0

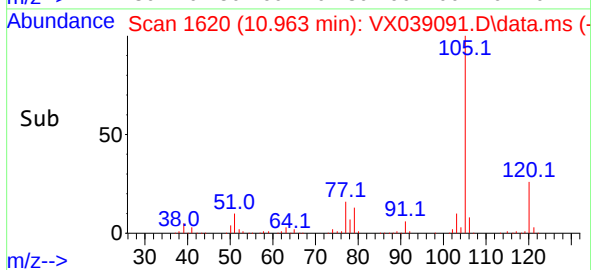
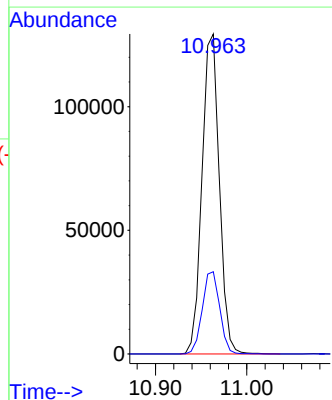
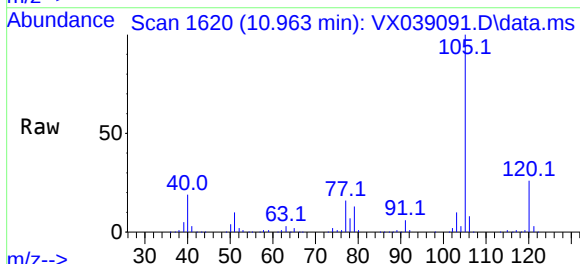
Manual Integrations
APPROVED

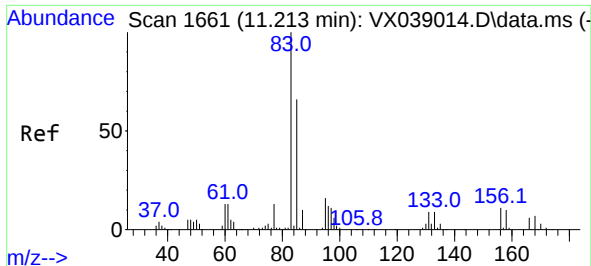
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#70
Isopropylbenzene
Concen: 20.475 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion:105 Resp: 169955
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3





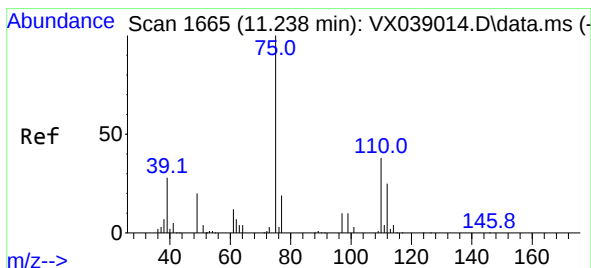
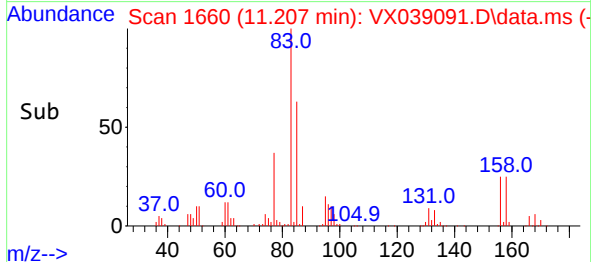
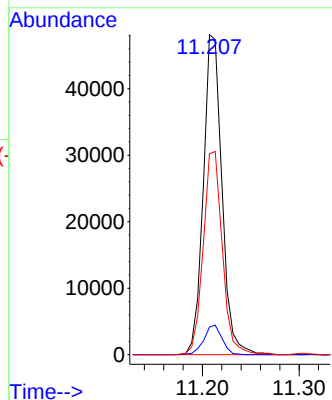
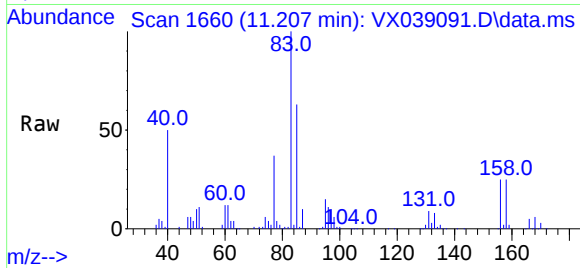
#71
1,1,2,2-Tetrachloroethane
Concen: 20.861 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6464
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 64.9 32.5 97.4

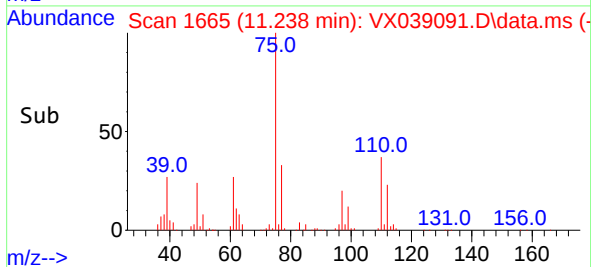
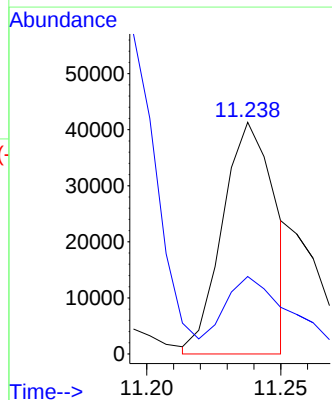
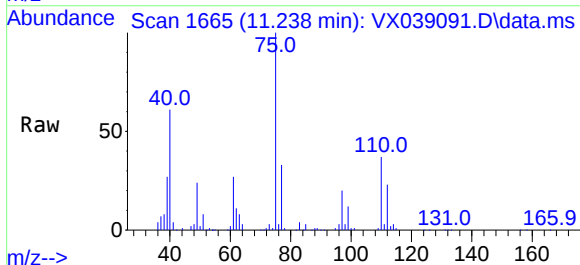
Manual Integrations
APPROVED

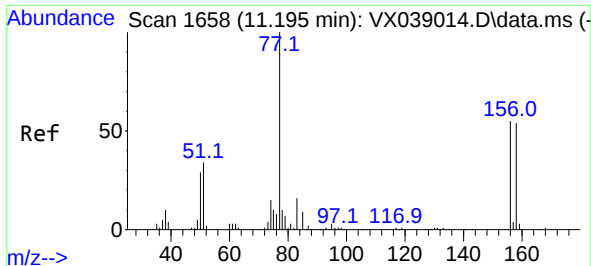
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#72
1,2,3-Trichloropropane
Concen: 21.403 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 75 Resp: 56120
Ion Ratio Lower Upper
75 100
77 43.6 0.0 76.4





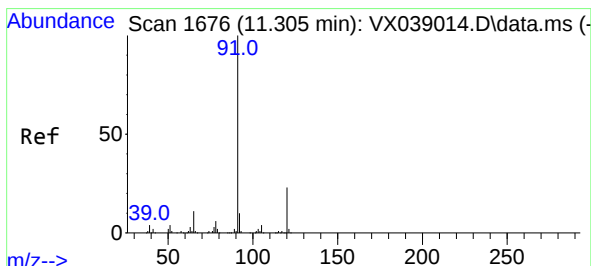
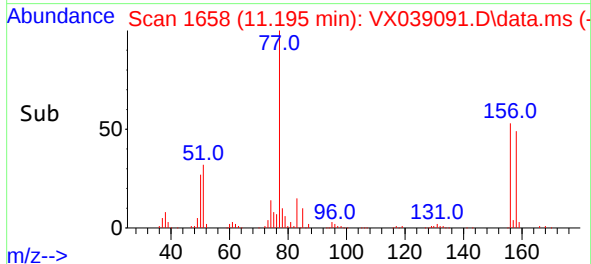
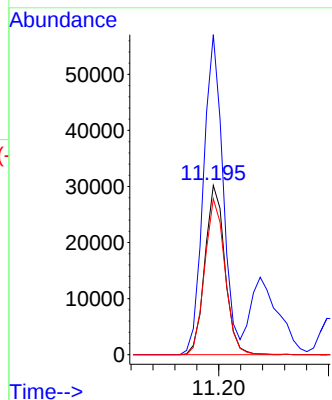
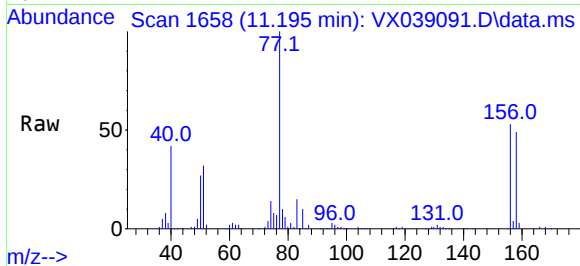
#73
Bromobenzene
Concen: 20.154 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 3808
Ion Ratio Lower Upper
156 100
77 185.6 0.0 363.2
158 93.8 0.0 197.8

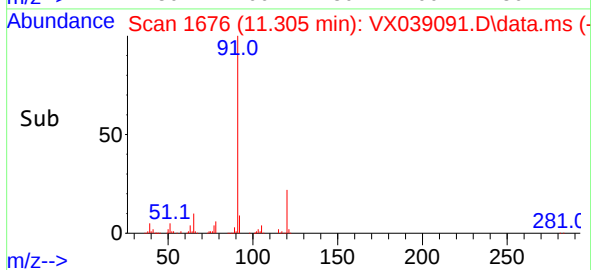
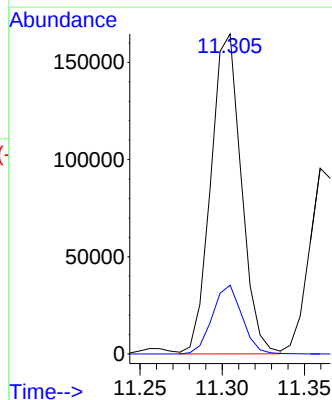
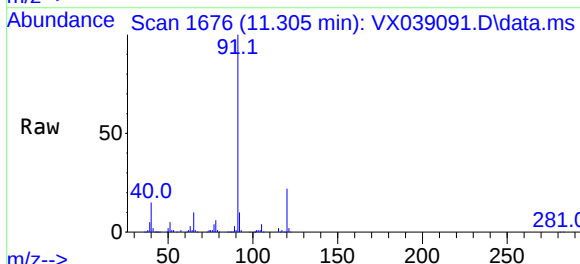
Manual Integrations
APPROVED

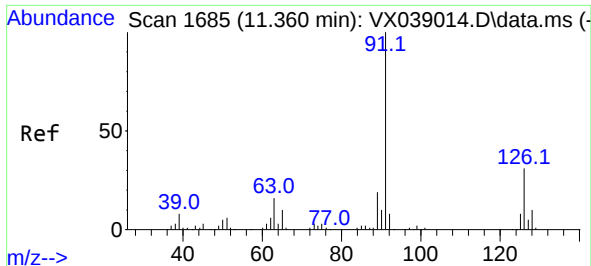
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#74
n-propylbenzene
Concen: 20.870 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 91 Resp: 212246
Ion Ratio Lower Upper
91 100
120 21.0 0.0 43.4





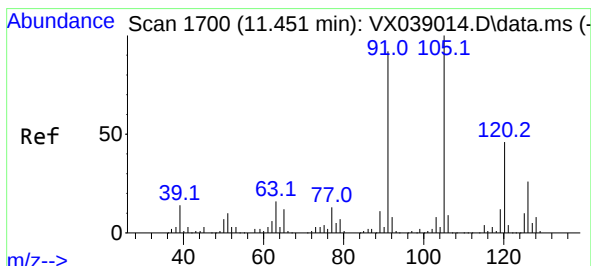
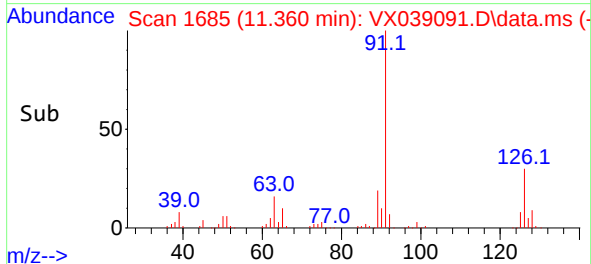
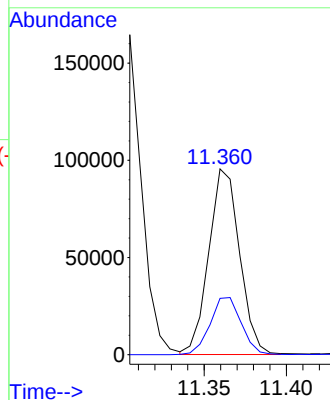
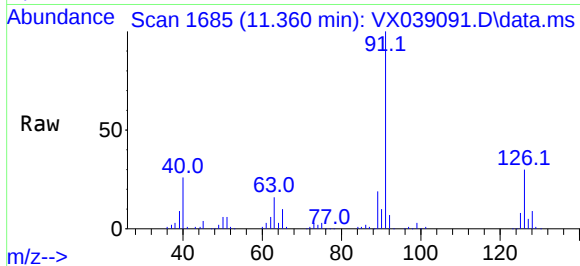
#75
2-Chlorotoluene
Concen: 20.874 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 124542
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.2

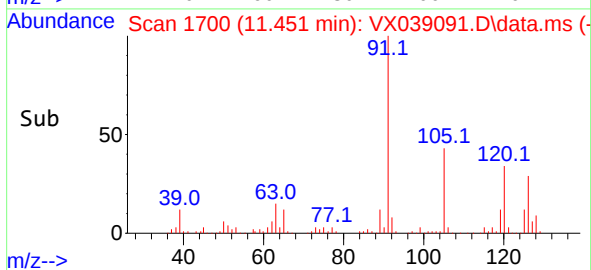
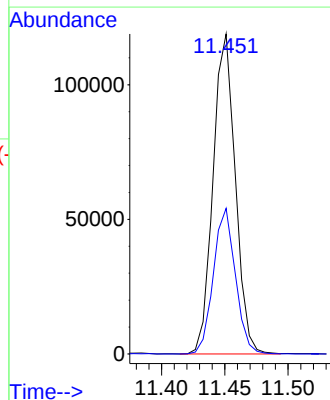
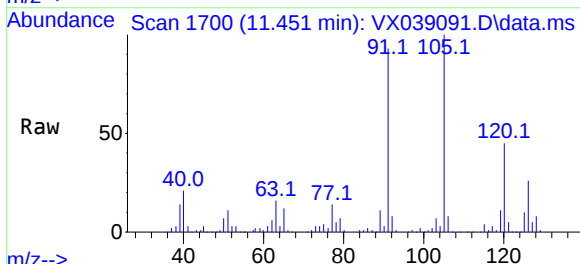
Manual Integrations
APPROVED

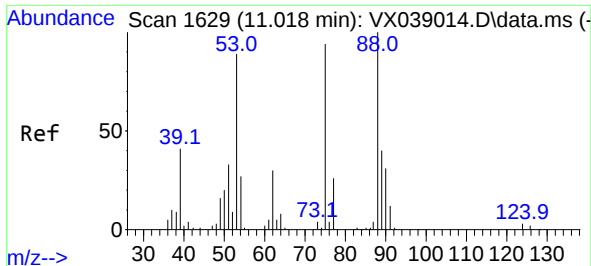
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.342 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion:105 Resp: 145461
Ion Ratio Lower Upper
105 100
120 45.0 0.0 92.6





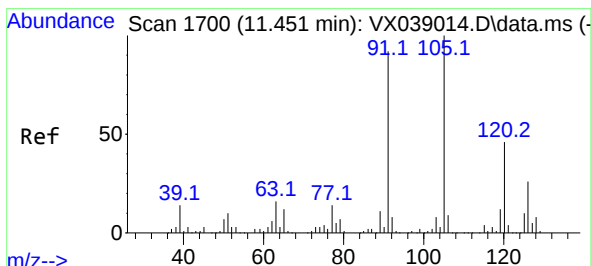
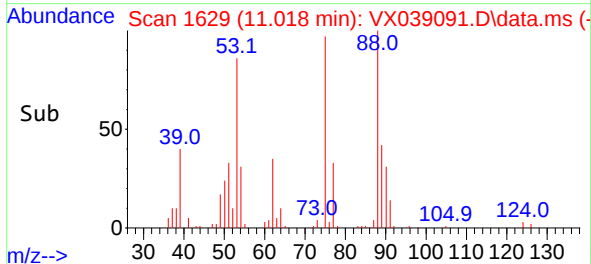
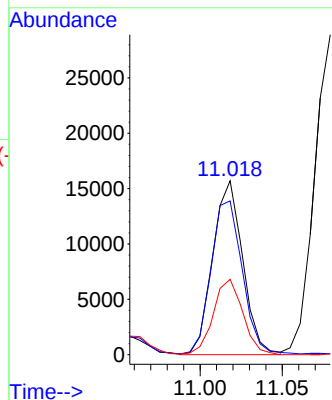
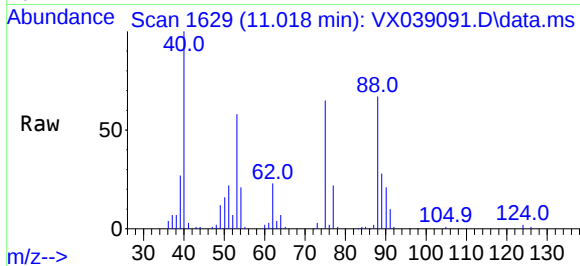
#77
t-1,4-Dichloro-2-butene
Concen: 19.185 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 1993
Ion Ratio Lower Upper
75 100
53 88.3 46.9 140.8
89 43.4 21.3 63.7

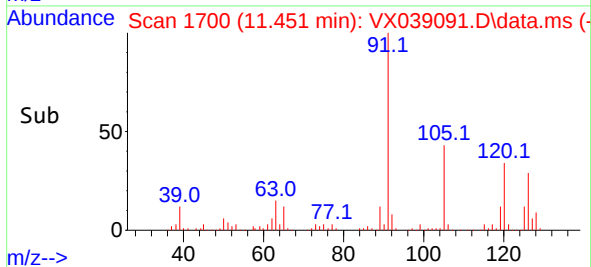
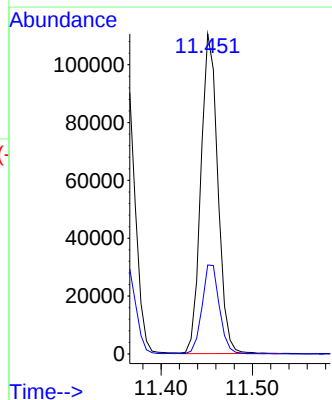
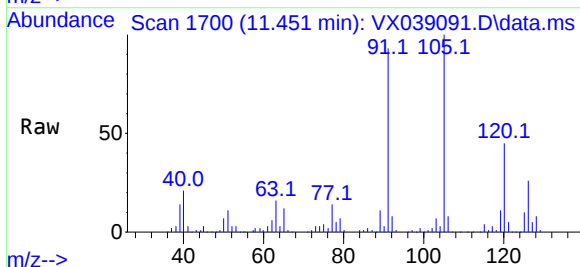
Manual Integrations
APPROVED

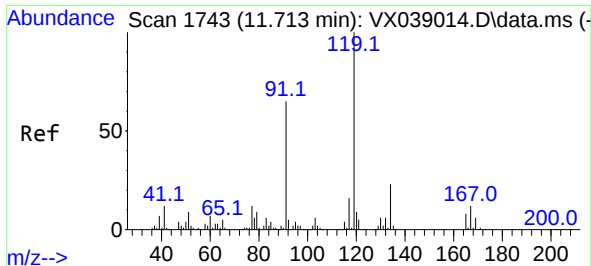
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#78
4-Chlorotoluene
Concen: 20.239 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Tgt Ion: 91 Resp: 141973
Ion Ratio Lower Upper
91 100
126 28.6 0.0 57.4





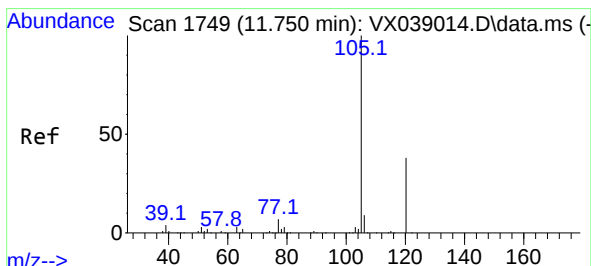
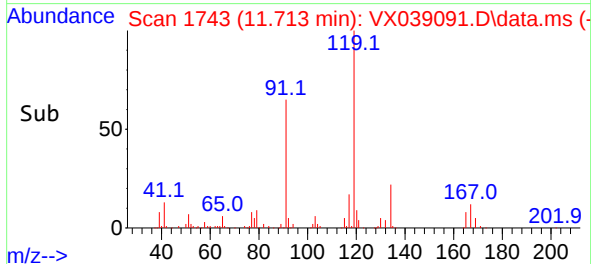
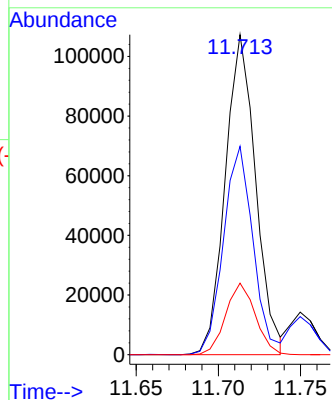
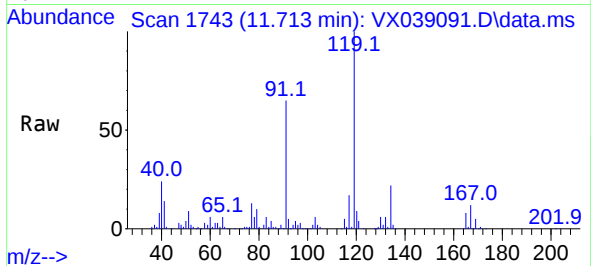
#79
tert-butylbenzene
Concen: 20.335 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 138268
Ion Ratio Lower Upper
119 100
91 63.6 0.0 125.6
134 21.8 0.0 43.8

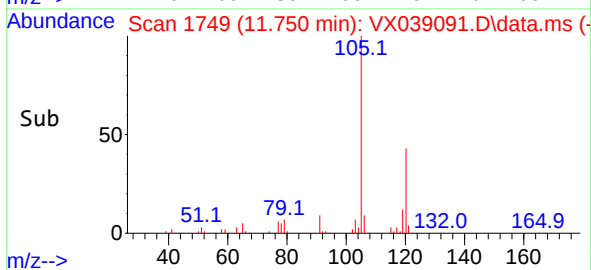
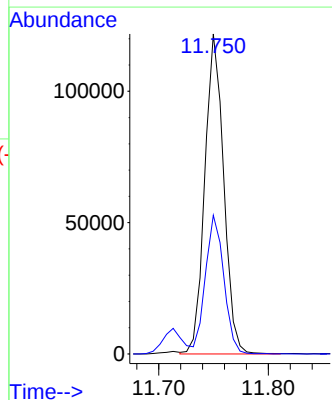
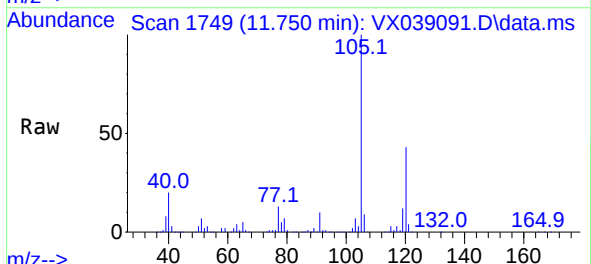
Manual Integrations
APPROVED

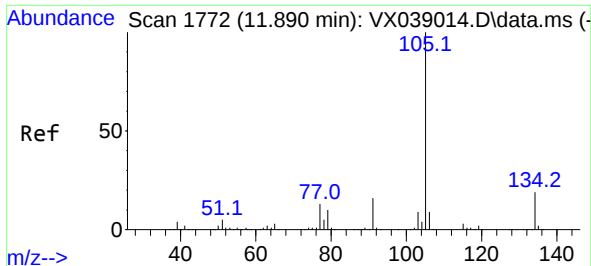
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.345 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

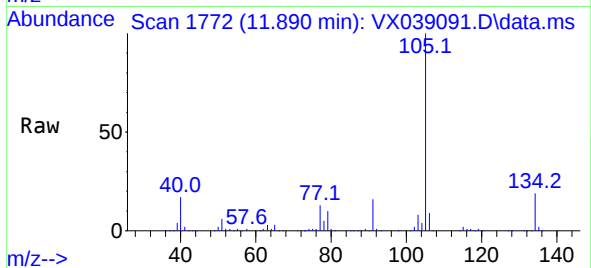
Tgt Ion:105 Resp: 145603
Ion Ratio Lower Upper
105 100
120 42.2 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 20.694 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039091.D
 Acq: 06 Dec 2023 16:24

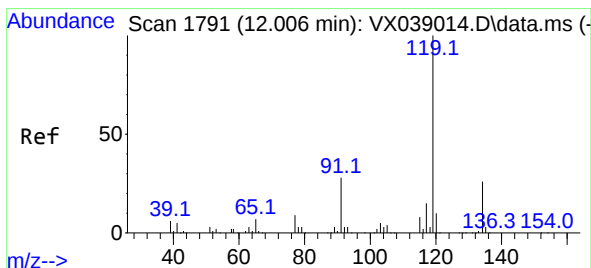
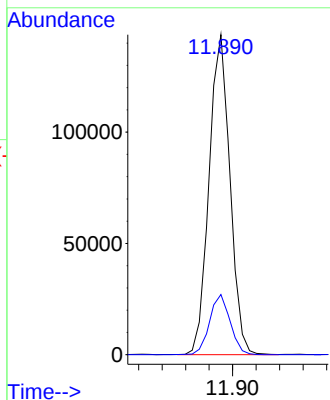
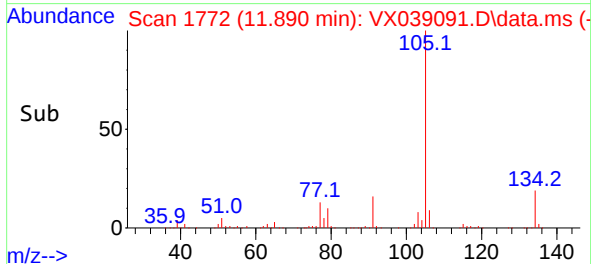
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



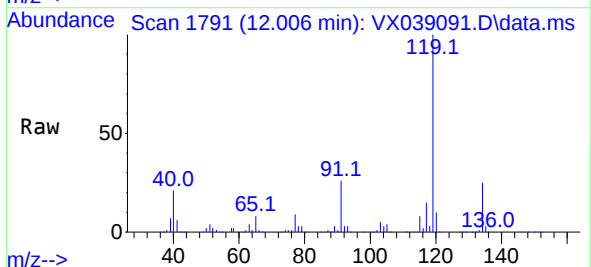
Tgt Ion:105 Resp: 177878
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 38.4

Manual Integrations
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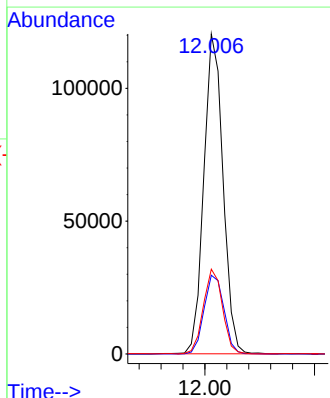
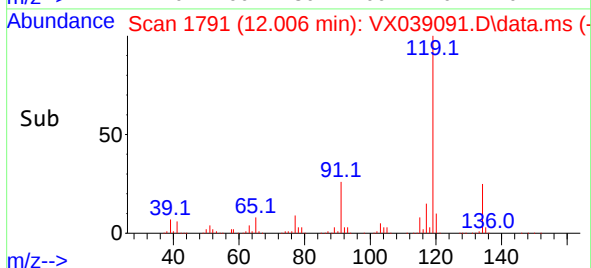
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023

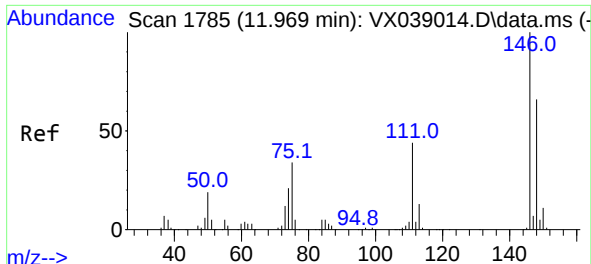


#82
 p-Isopropyltoluene
 Concen: 20.032 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039091.D
 Acq: 06 Dec 2023 16:24



Tgt Ion:119 Resp: 145934
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 26.5 0.0 54.2





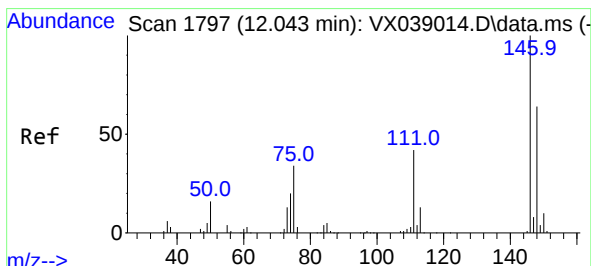
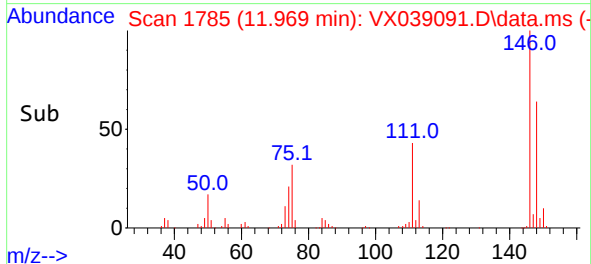
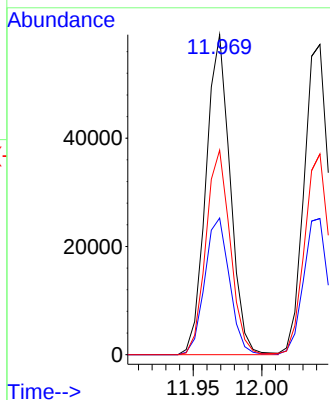
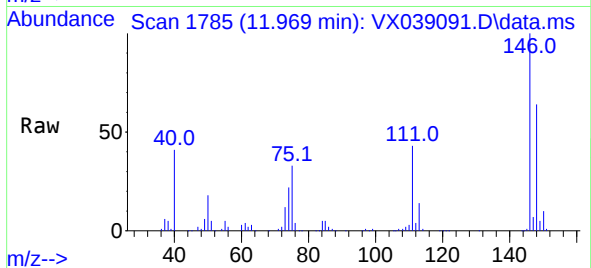
#83
1,3-Dichlorobenzene
Concen: 20.137 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 72828
Ion Ratio Lower Upper
146 100
111 43.8 22.3 66.9
148 64.1 32.8 98.3

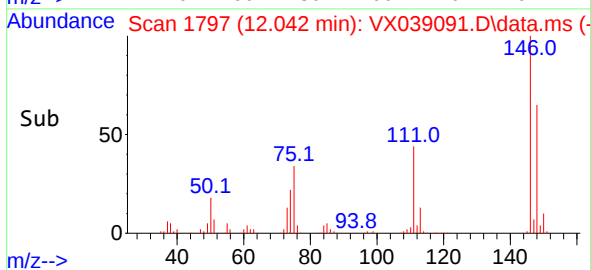
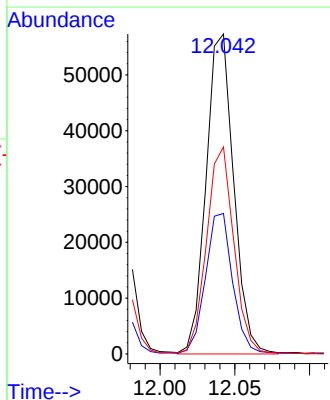
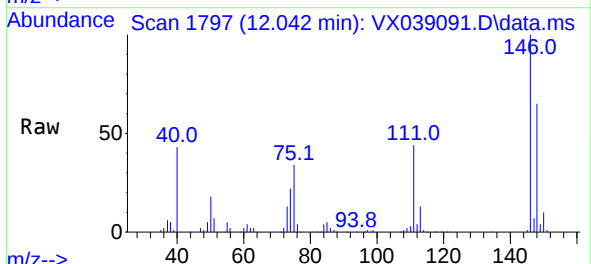
Manual Integrations
APPROVED

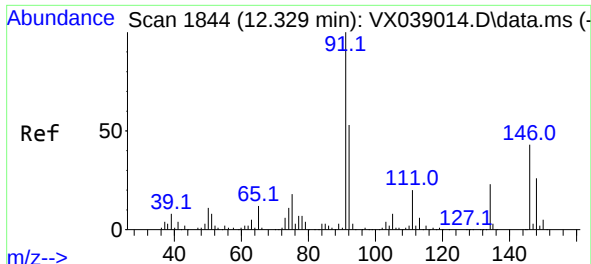
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#84
1,4-Dichlorobenzene
Concen: 19.894 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

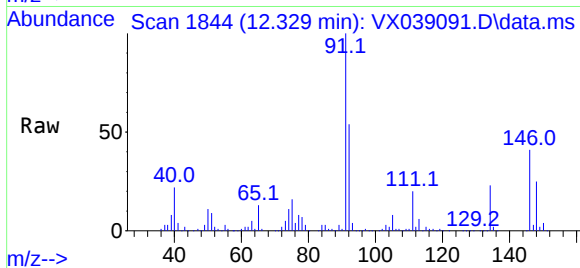
Tgt Ion:146 Resp: 73825
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.2
148 64.0 31.8 95.4





#85
n-Butylbenzene
Concen: 20.008 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

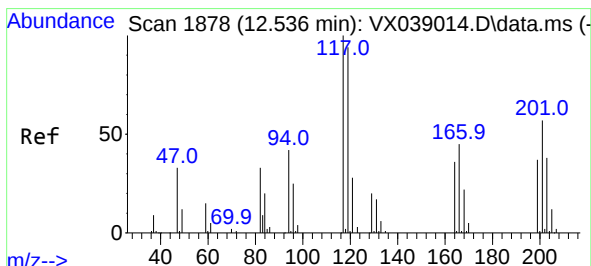
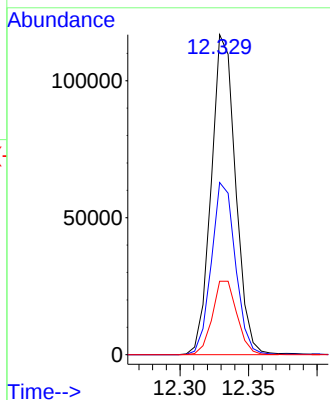
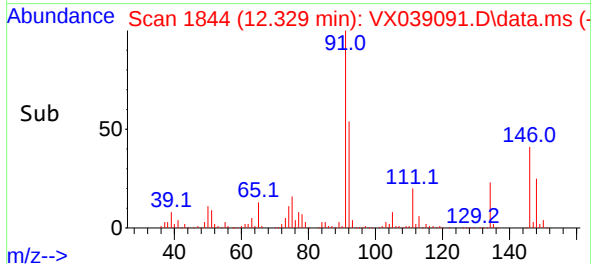
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



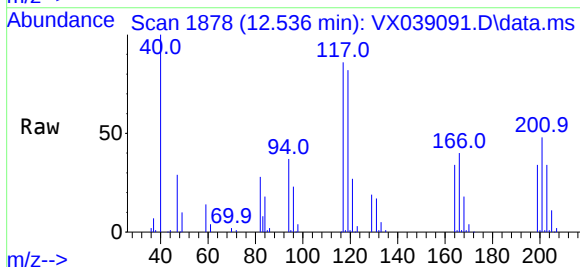
Tgt Ion: 91 Resp: 143940
Ion Ratio Lower Upper
91 100
92 53.3 0.0 106.2
134 23.4 0.0 48.8

Manual Integrations
APPROVED

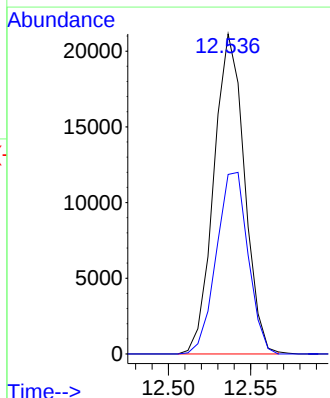
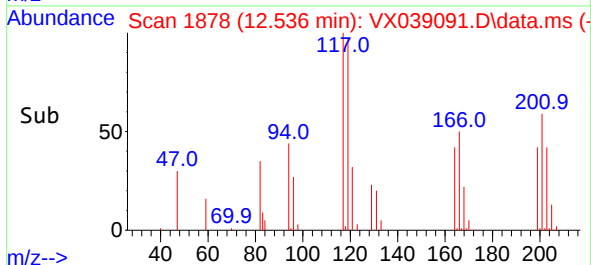
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

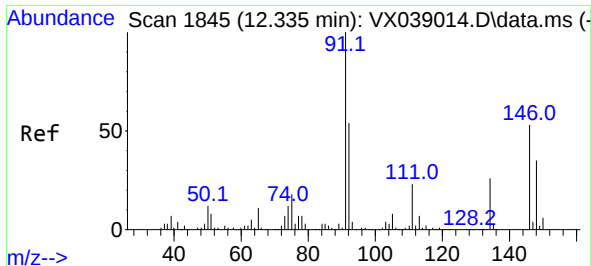


#86
Hexachloroethane
Concen: 19.822 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



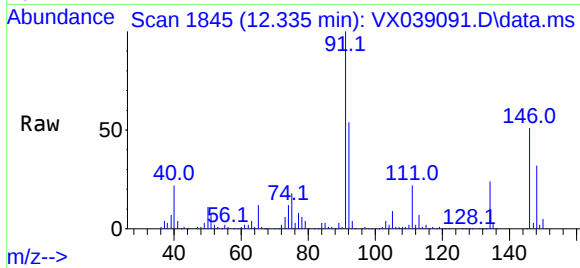
Tgt Ion:117 Resp: 27362
Ion Ratio Lower Upper
117 100
201 58.9 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 20.207 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

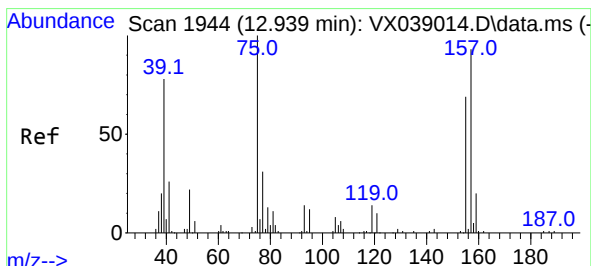
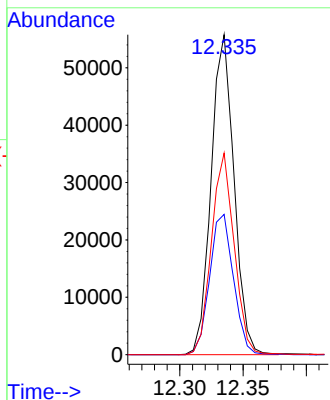
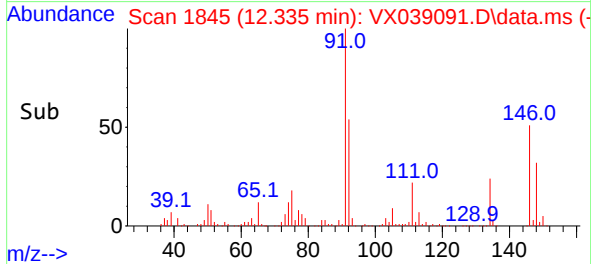
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



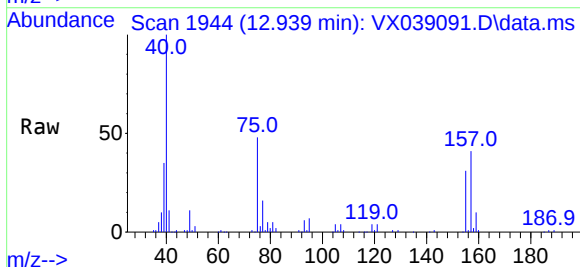
Tgt Ion:146 Resp: 7027
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.2
148 62.7 31.9 95.7

Manual Integrations
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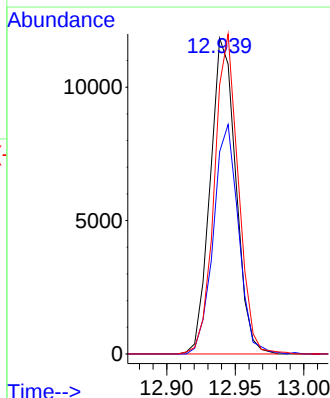
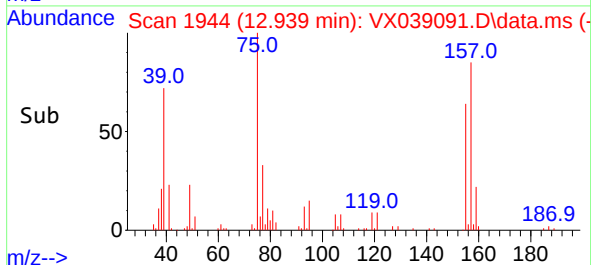
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

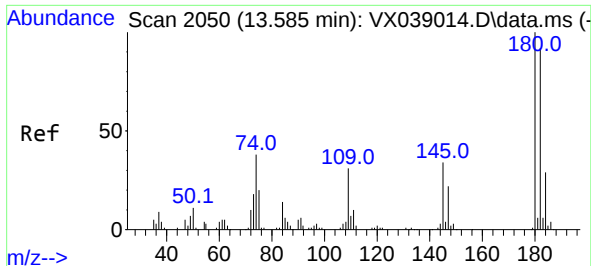


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.361 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion: 75 Resp: 15343
Ion Ratio Lower Upper
75 100
155 71.3 58.2 87.4
157 95.0 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 20.380 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 46990

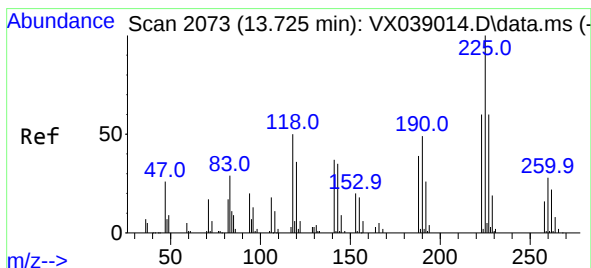
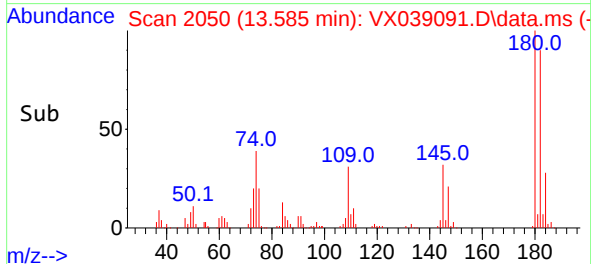
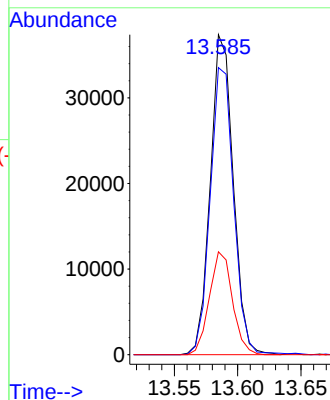
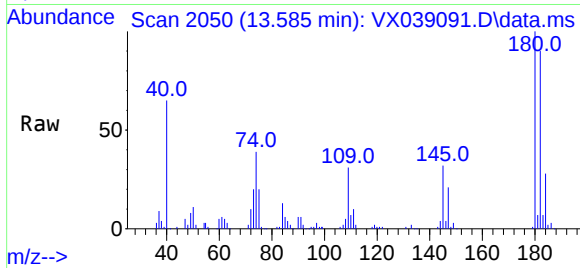
Ion	Ratio	Lower	Upper
180	100		
182	91.8	74.5	111.7
145	32.5	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#90

Hexachlorobutadiene

Concen: 19.947 ug/l

RT: 13.725 min Scan# 2073

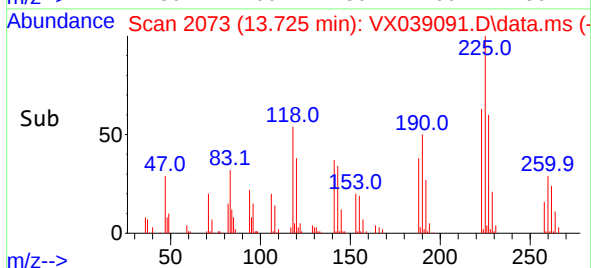
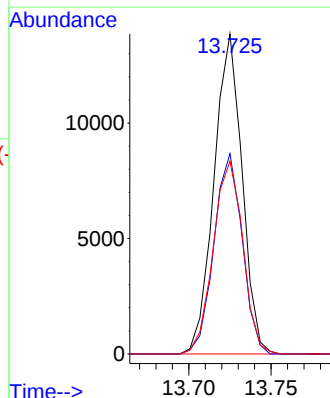
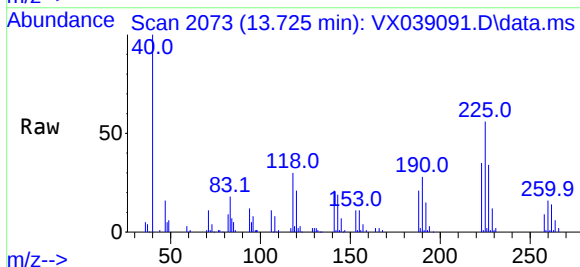
Delta R.T. -0.000 min

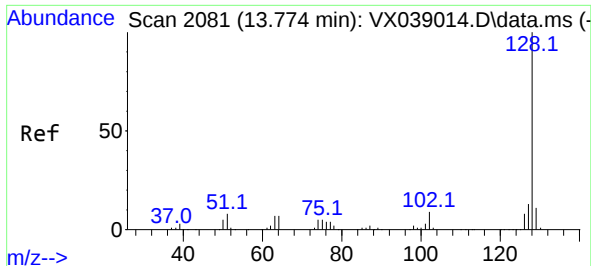
Lab File: VX039091.D

Acq: 06 Dec 2023 16:24

Tgt Ion:225 Resp: 16422

Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	124.4
227	63.4	0.0	124.4





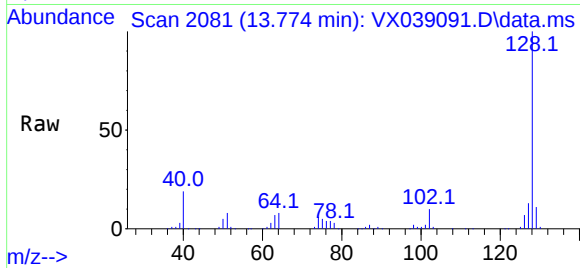
#91
Naphthalene
Concen: 19.259 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

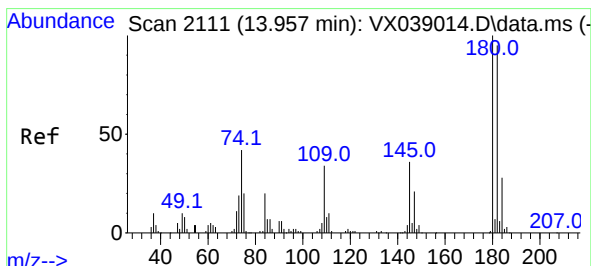
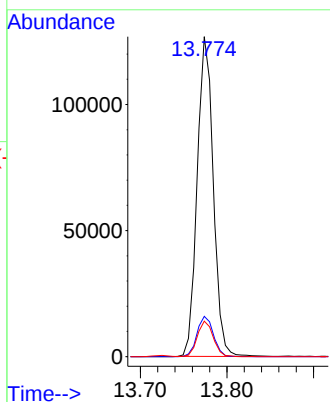
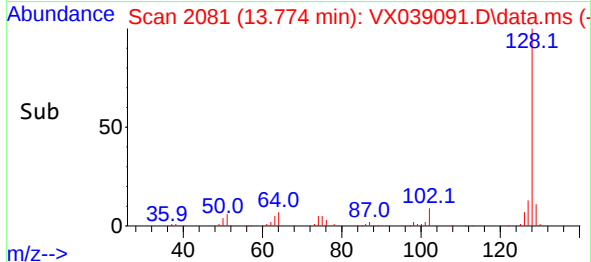


Tgt Ion:128 Resp: 163770
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 12.8

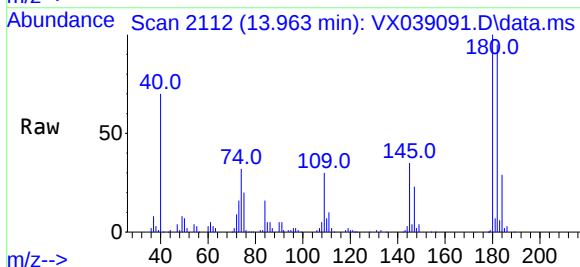
Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.146 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039091.D
Acq: 06 Dec 2023 16:24



Tgt Ion:180 Resp: 44993
Ion Ratio Lower Upper
180 100
182 94.4 0.0 191.6
145 36.3 0.0 69.6

