

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041413.D
 Acq On : 08 May 2024 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 05:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	181877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	252003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131065	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	98898	49.949	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.379	113	80787	47.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.647	98	279406	51.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.380%
62) 4-Bromofluorobenzene	11.079	95	104647	50.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	77906	52.129	ug/l	96
3) Chloromethane	1.301	50	70101	45.330	ug/l	98
4) Vinyl Chloride	1.374	62	75891	51.479	ug/l	100
5) Bromomethane	1.599	94	47997	51.934	ug/l	99
6) Chloroethane	1.666	64	37154	54.280	ug/l	98
7) Trichlorofluoromethane	1.861	101	123523	48.591	ug/l	99
8) Diethyl Ether	2.136	74	47202	52.681	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.313	101	70614	49.423	ug/l	88
10) Methyl Iodide	2.441	142	69154	44.972	ug/l	90
11) Tert butyl alcohol	3.008	59	91296	230.372	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	64567	45.812	ug/l	88
13) Acrolein	2.239	56	83928	266.953	ug/l	97
14) Allyl chloride	2.654	41	112553	47.533	ug/l	96
15) Acrylonitrile	3.069	53	226835	250.792	ug/l	98
16) Acetone	2.392	43	213182	244.412	ug/l	96
17) Carbon Disulfide	2.502	76	136722	41.267	ug/l	99
18) Methyl Acetate	2.703	43	101574	50.142	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	240992	46.905	ug/l	99
20) Methylene Chloride	2.782	84	73664	42.855	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	66838	42.435	ug/l	88
22) Diisopropyl ether	3.764	45	234248	46.678	ug/l	89
23) Vinyl Acetate	3.721	43	1121355	249.797	ug/l	96
24) 1,1-Dichloroethane	3.605	63	126496	44.618	ug/l	97
25) 2-Butanone	4.562	43	378320	295.217	ug/l	95
26) 2,2-Dichloropropane	4.471	77	120743	50.937	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	94661	50.759	ug/l	92
28) Bromochloromethane	4.898	49	42988	42.486	ug/l	# 77
29) Tetrahydrofuran	5.007	42	244199	291.374	ug/l	96
30) Chloroform	5.087	83	161524	54.762	ug/l	96
31) Cyclohexane	5.458	56	122769	51.375	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	141918	52.885	ug/l	97
36) 1,1-Dichloropropene	5.684	75	101936	49.918	ug/l	95
37) Ethyl Acetate	4.715	43	146895	57.652	ug/l	99
38) Carbon Tetrachloride	5.666	117	124145	53.068	ug/l	99
39) Methylcyclohexane	7.373	83	134911	56.236	ug/l	92
40) Benzene	6.031	78	326327	51.838	ug/l	99

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 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 05:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78353	59.748	ug/l	97
42) 1,2-Dichloroethane	6.080	62	127599	55.307	ug/l	95
43) Isopropyl Acetate	6.342	43	221696	57.870	ug/l	98
44) Trichloroethene	7.123	130	91957	55.319	ug/l	88
45) 1,2-Dichloropropane	7.428	63	82451	58.621	ug/l	99
46) Dibromomethane	7.580	93	63872	57.045	ug/l #	78
47) Bromodichloromethane	7.818	83	122653	61.472	ug/l	98
48) Methyl methacrylate	7.690	41	110497	62.920	ug/l	95
49) 1,4-Dioxane	7.665	88	40400	1064.032	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	754045	328.019	ug/l	98
52) Toluene	8.714	92	215845	56.051	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	126034	54.126	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	133882	61.035	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	90043	60.716	ug/l	98
56) Ethyl methacrylate	9.116	69	149831	65.281	ug/l	98
57) 1,3-Dichloropropane	9.305	76	146188	59.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	332251	298.553	ug/l	93
59) 2-Hexanone	9.433	43	596035	324.252	ug/l	97
60) Dibromochloromethane	9.519	129	106614	61.067	ug/l	99
61) 1,2-Dibromoethane	9.610	107	95463	58.511	ug/l	99
64) Tetrachloroethene	9.269	164	88386	52.680	ug/l	90
65) Chlorobenzene	10.080	112	253215	53.835	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92918	55.909	ug/l	99
67) Ethyl Benzene	10.189	91	411796	53.065	ug/l	98
68) m/p-Xylenes	10.299	106	329592	106.060	ug/l	93
69) o-Xylene	10.640	106	164615	55.324	ug/l	93
70) Styrene	10.653	104	279872	57.321	ug/l	95
71) Bromoform	10.799	173	88919	59.784	ug/l #	100
73) Isopropylbenzene	10.964	105	424977	53.119	ug/l	97
74) N-amyl acetate	10.842	43	202254	57.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	151093	57.634	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126604m	59.273	ug/l	
77) Bromobenzene	11.195	156	124339	55.065	ug/l	79
78) n-propylbenzene	11.305	91	466214	55.483	ug/l	96
79) 2-Chlorotoluene	11.360	91	286857	52.975	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	356449	54.654	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	46657	59.500	ug/l	97
82) 4-Chlorotoluene	11.451	91	333149	54.194	ug/l	92
83) tert-Butylbenzene	11.713	119	380254	54.446	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	364203	55.499	ug/l	93
85) sec-Butylbenzene	11.890	105	450121	56.239	ug/l	96
86) p-Isopropyltoluene	12.006	119	397993	55.367	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	217064	52.887	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	223143	52.770	ug/l	95
89) n-Butylbenzene	12.329	91	323480	55.964	ug/l	97
90) Hexachloroethane	12.536	117	68751	57.191	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	227402	52.456	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35615	58.791	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	154736	51.064	ug/l	96
94) Hexachlorobutadiene	13.725	225	73187	48.365	ug/l	99
95) Naphthalene	13.774	128	477048	53.124	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	144330	46.604	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDCCC050

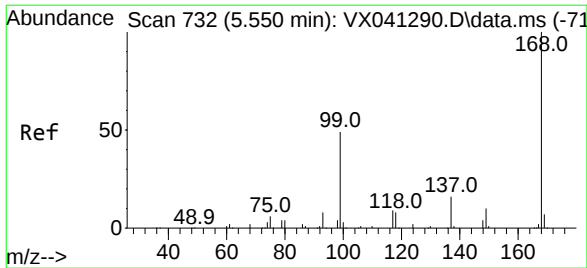
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

Quant Time: May 09 05:29:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

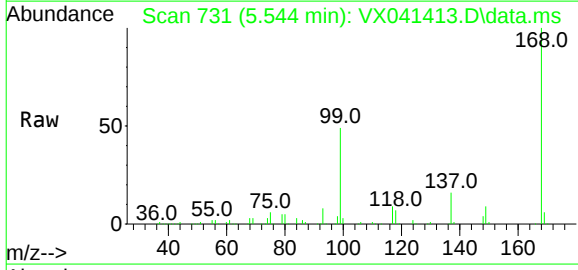
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

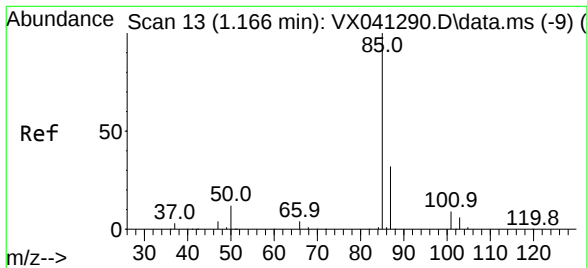
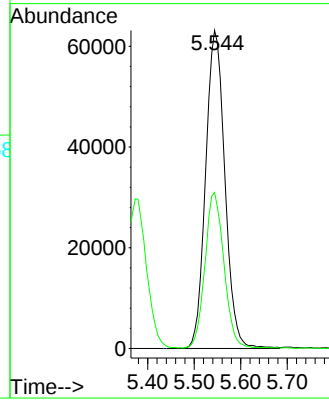
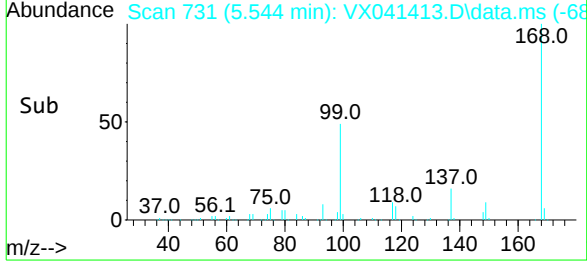
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 181877
Ion Ratio Lower Upper
168 100
99 48.8 56.6 85.0#

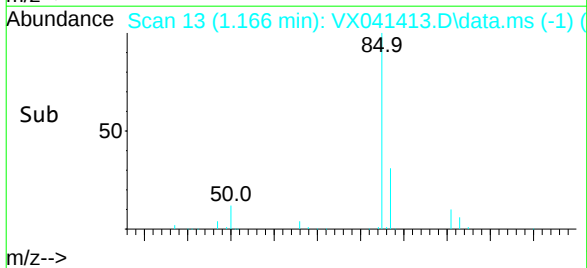
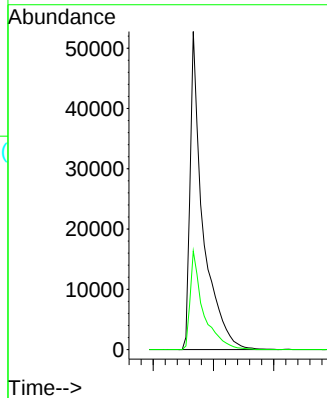
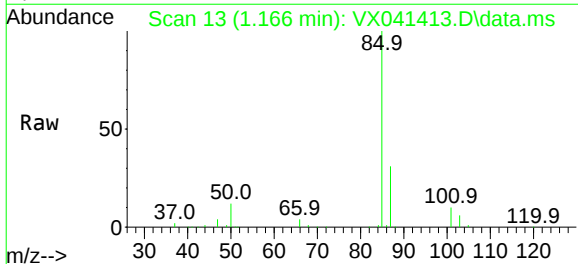
Manual Integrations
APPROVED

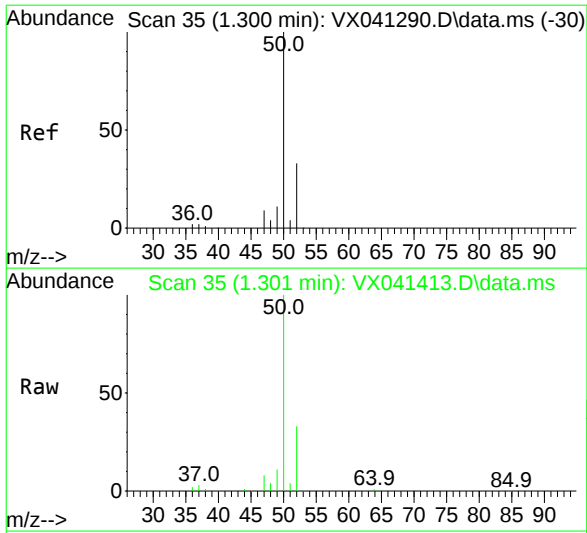
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 52.129 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 85 Resp: 77906
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3

Chloromethane

Concen: 45.330 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

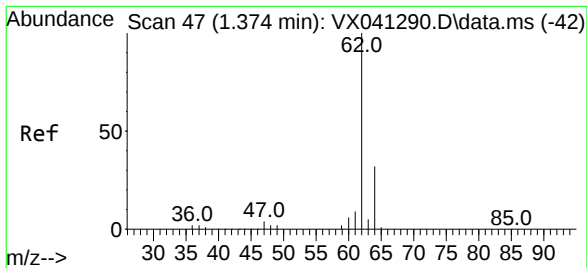
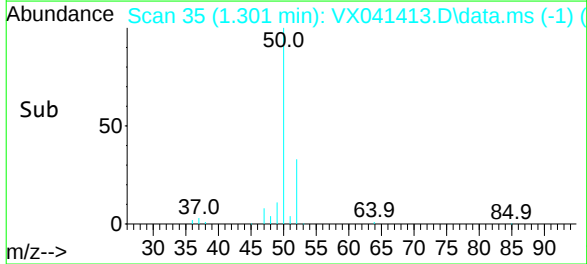
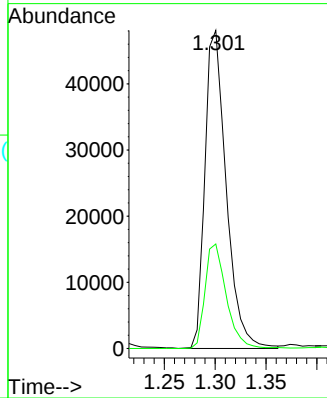
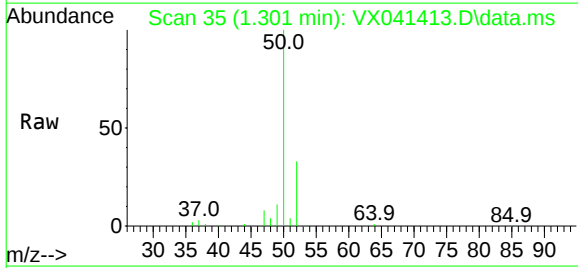
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.5	38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#4

Vinyl Chloride

Concen: 51.479 ug/l

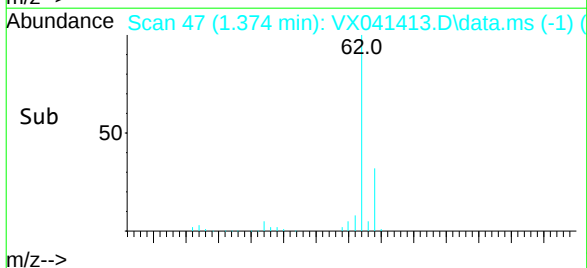
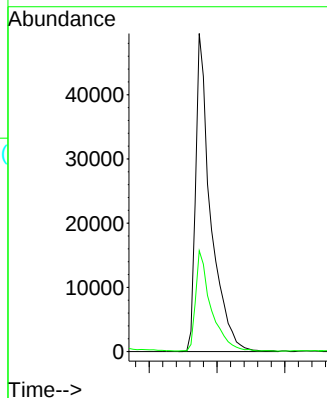
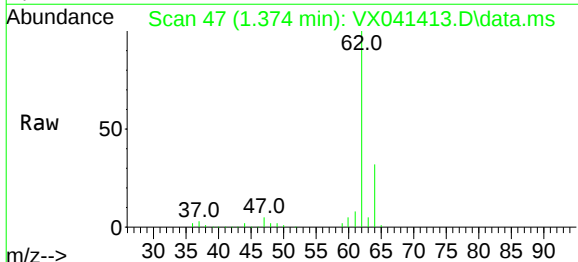
RT: 1.374 min Scan# 47

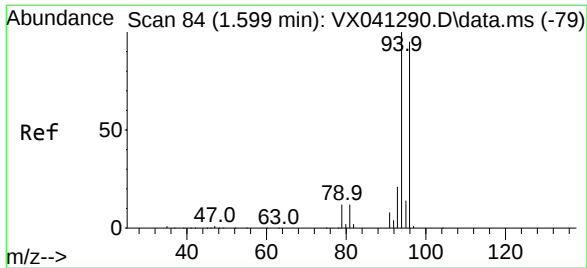
Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.4	38.0





#5

Bromomethane

Concen: 51.934 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 47997

Ion Ratio Lower Upper

94 100

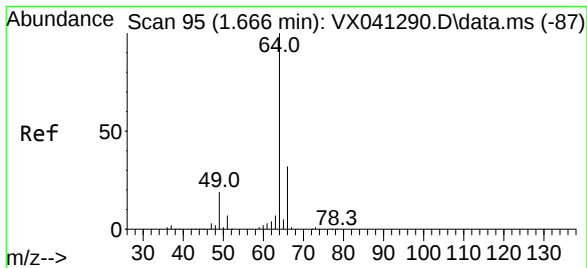
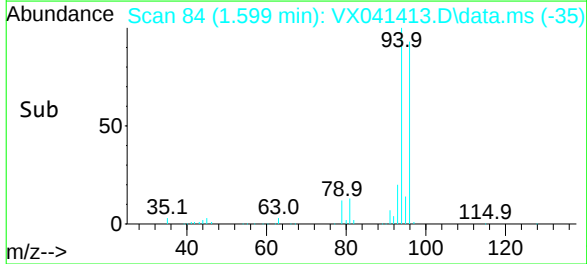
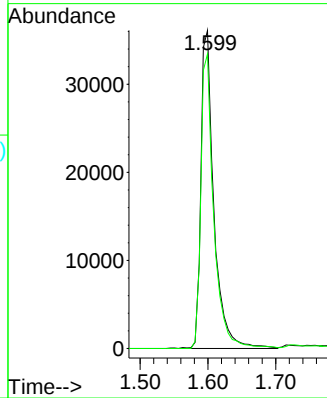
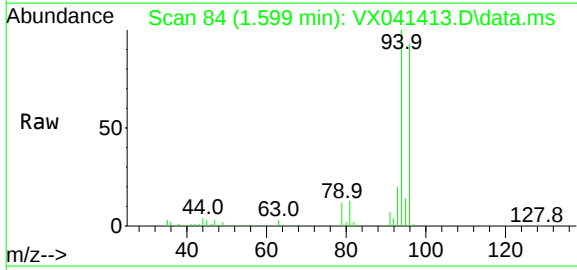
96 92.6 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#6

Chloroethane

Concen: 54.280 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041413.D

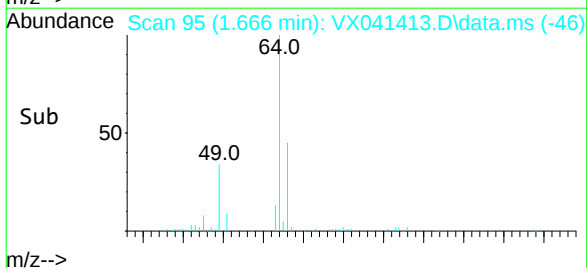
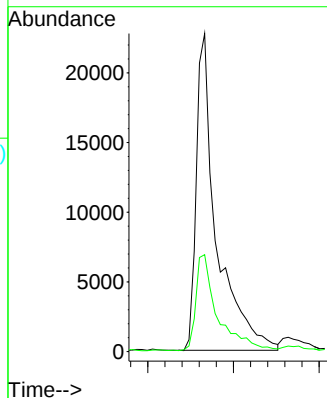
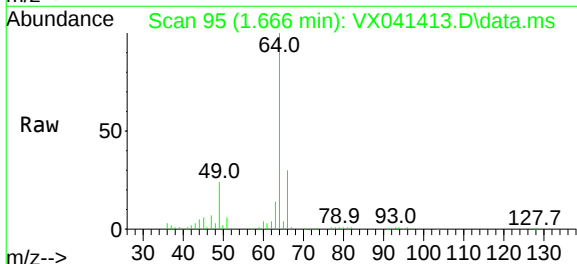
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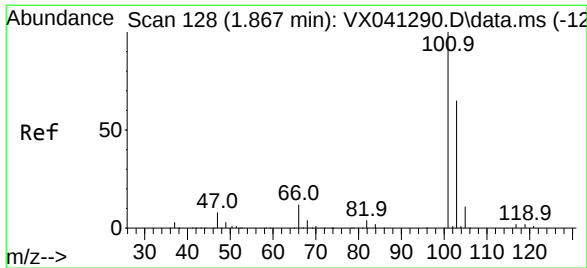
Tgt Ion: 64 Resp: 37154

Ion Ratio Lower Upper

64 100

66 30.3 25.1 37.7





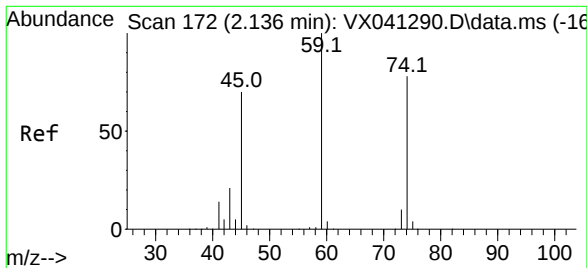
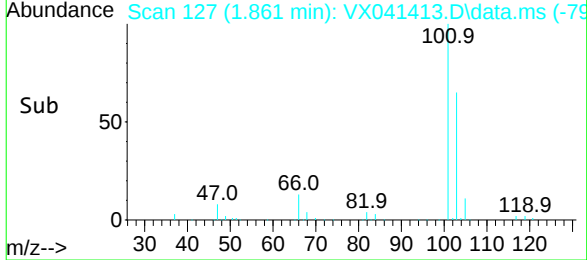
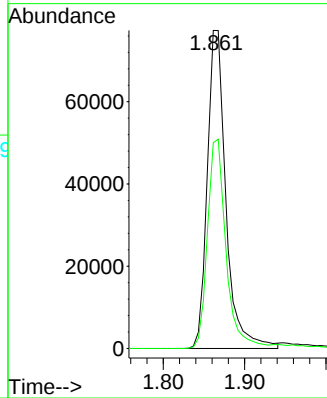
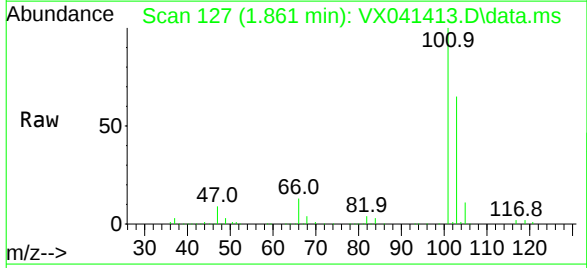
#7
Trichlorofluoromethane
Concen: 48.591 ug/l
RT: 1.861 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 123523
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

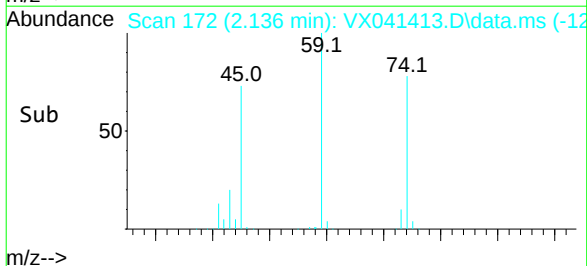
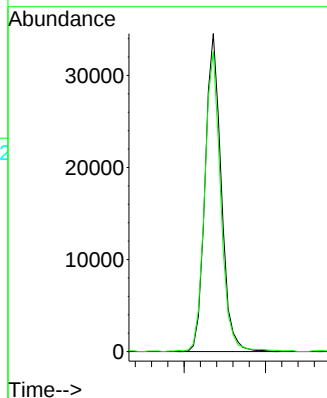
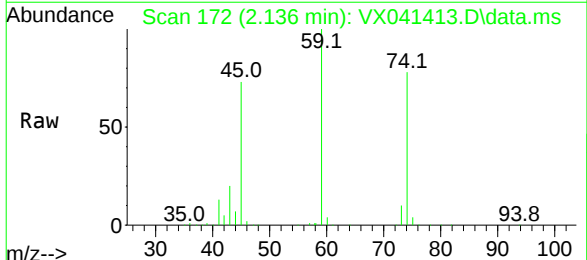
Manual Integrations
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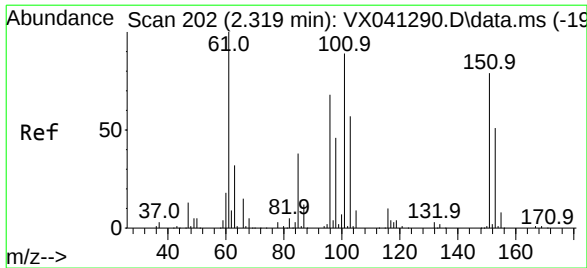
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#8
Diethyl Ether
Concen: 52.681 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

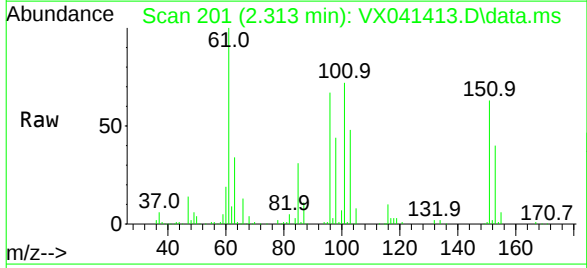
Tgt Ion: 74 Resp: 47202
Ion Ratio Lower Upper
74 100
45 95.1 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.423 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

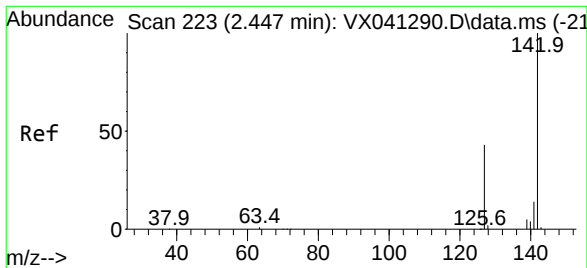
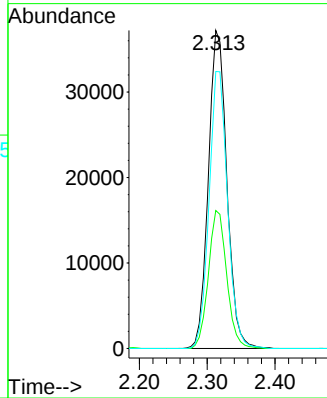
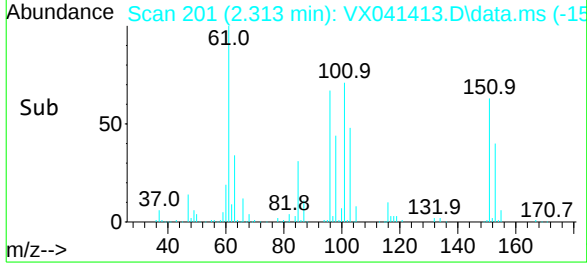
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 70614
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.6
151 86.9 58.6 87.8

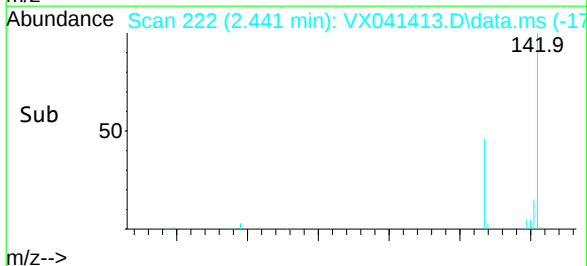
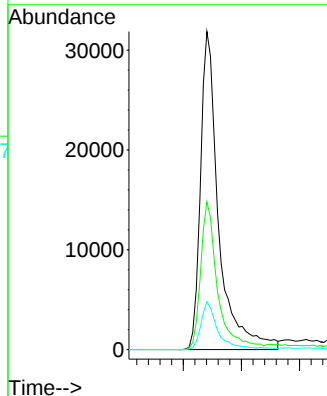
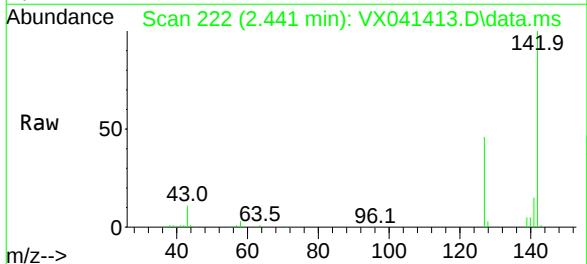
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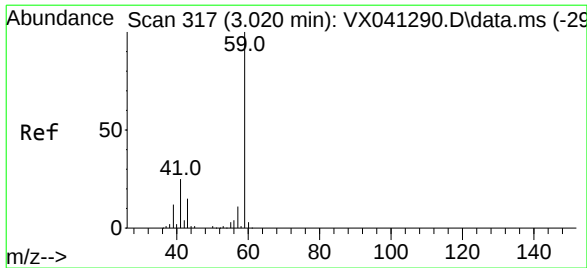
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#10
Methyl Iodide
Concen: 44.972 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion:142 Resp: 69154
Ion Ratio Lower Upper
142 100
127 43.5 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 230.372 ug/l

RT: 3.008 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 91296

Ion Ratio Lower Upper

59 100

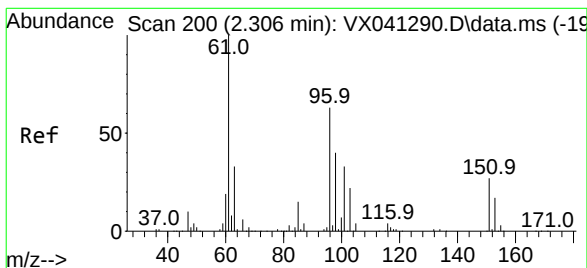
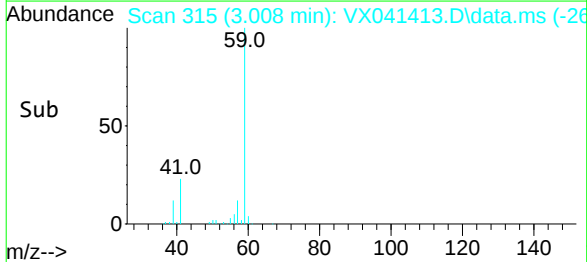
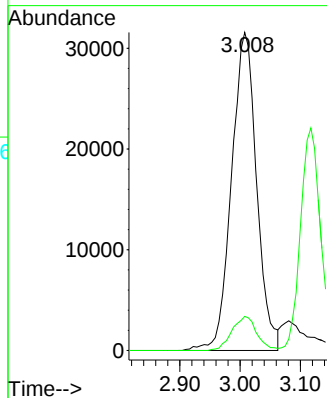
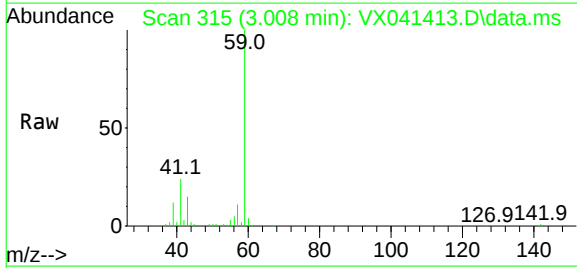
57 10.6 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#12

1,1-Dichloroethene

Concen: 45.812 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

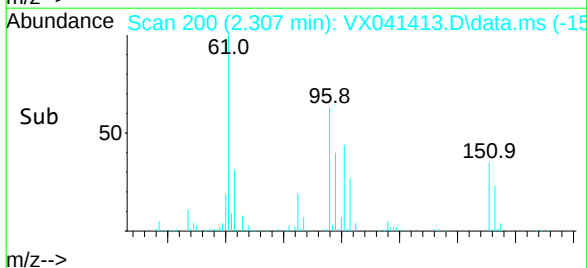
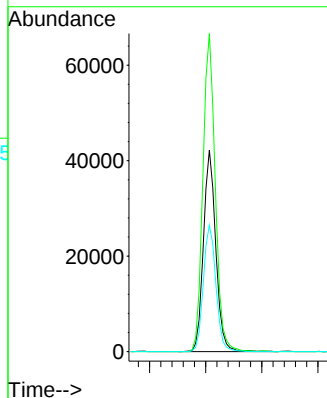
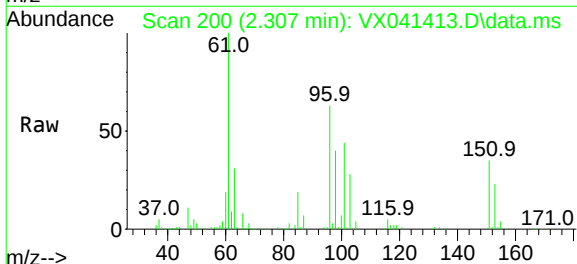
Tgt Ion: 96 Resp: 64567

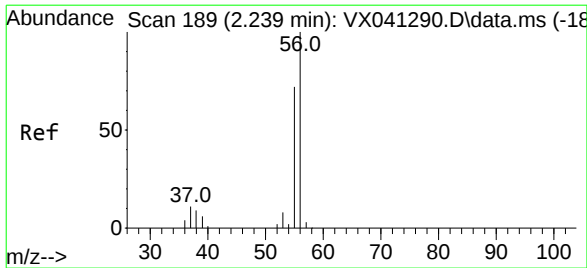
Ion Ratio Lower Upper

96 100

61 157.7 144.6 216.8

98 62.7 50.4 75.6





#13

Acrolein

Concen: 266.953 ug/l

RT: 2.239 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 83928

Ion Ratio Lower Upper

56 100

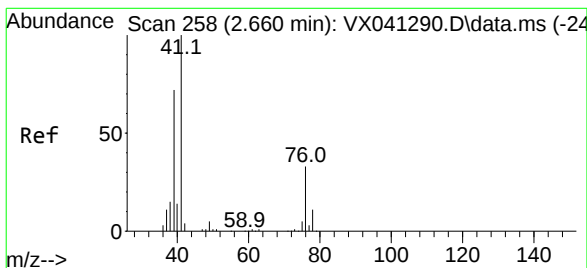
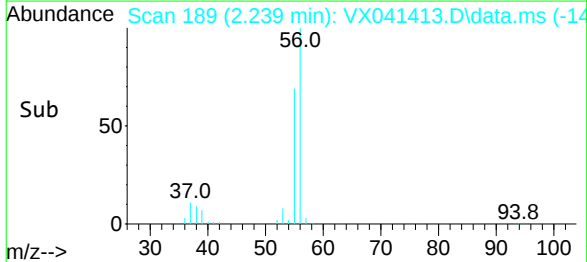
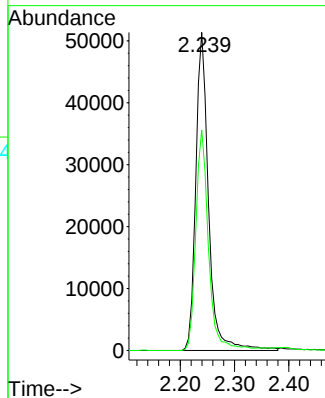
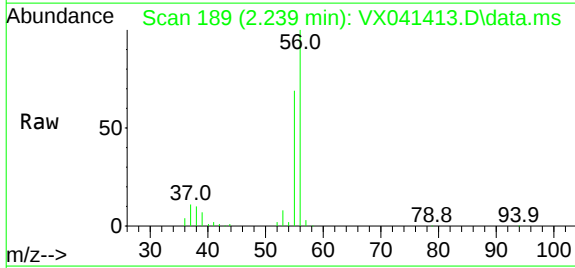
55 69.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#14

Allyl chloride

Concen: 47.533 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

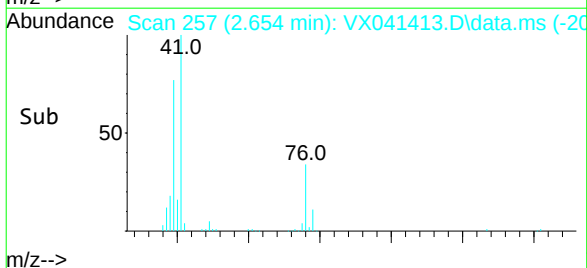
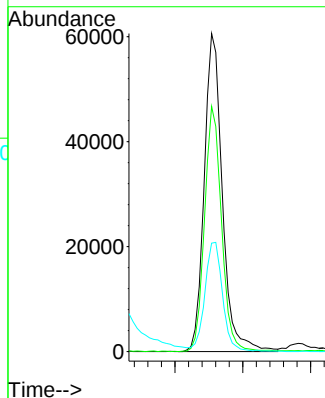
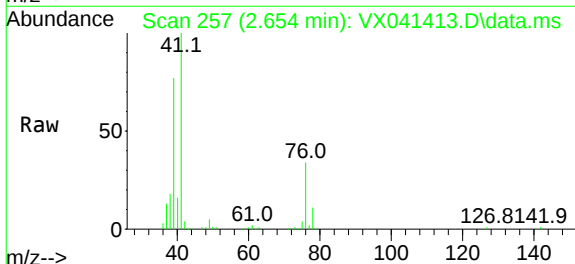
Tgt Ion: 41 Resp: 112553

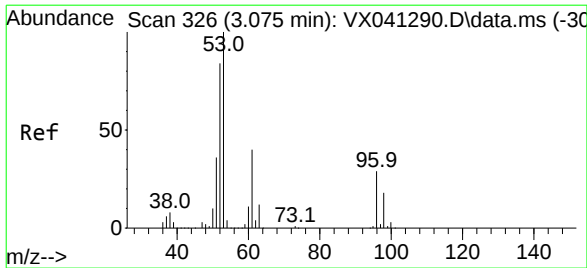
Ion Ratio Lower Upper

41 100

39 72.4 55.8 83.6

76 33.9 24.3 36.5





#15

Acrylonitrile

Concen: 250.792 ug/l

RT: 3.069 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

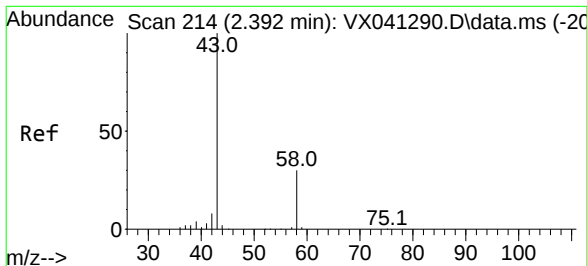
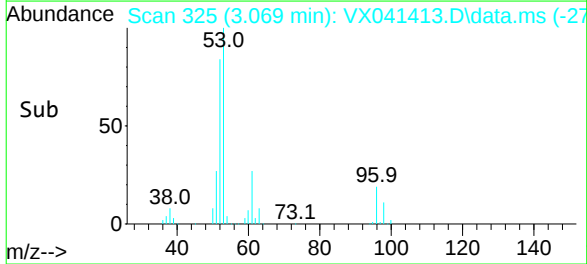
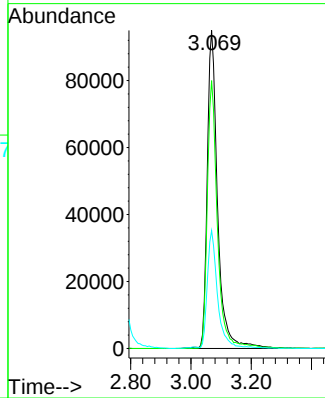
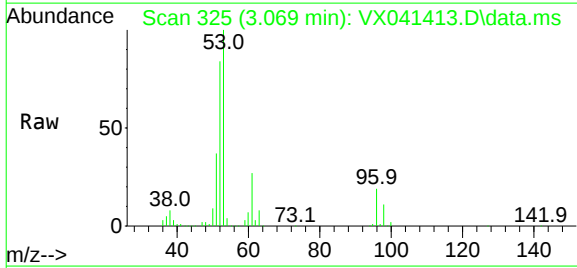
Tgt Ion:	53	Resp:	226835
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	35.0	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#16

Acetone

Concen: 244.412 ug/l

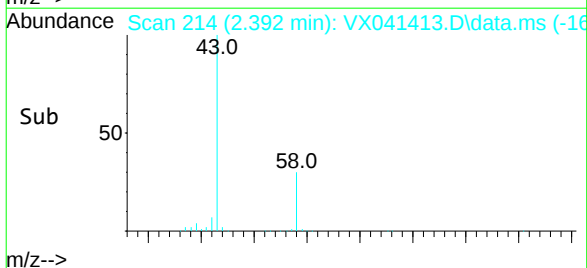
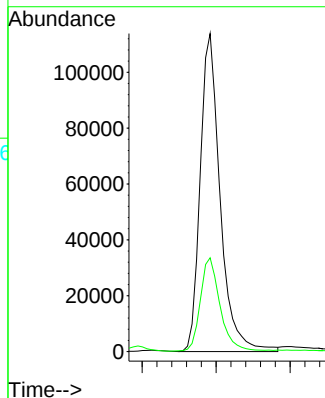
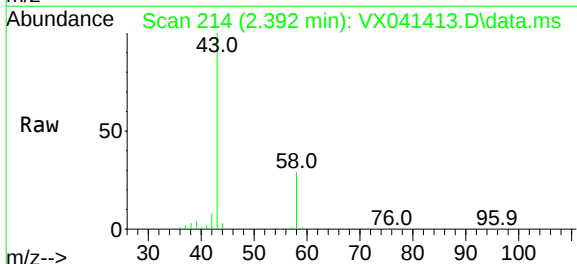
RT: 2.392 min Scan# 214

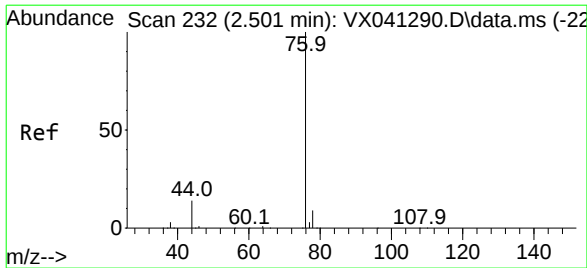
Delta R.T. -0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion:	43	Resp:	213182
Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.9	32.9





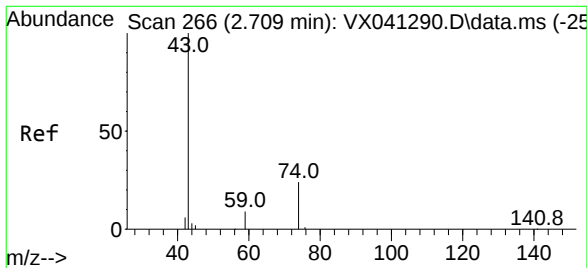
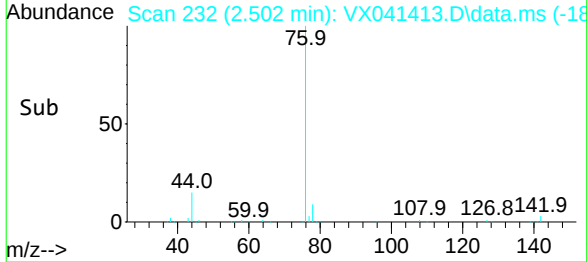
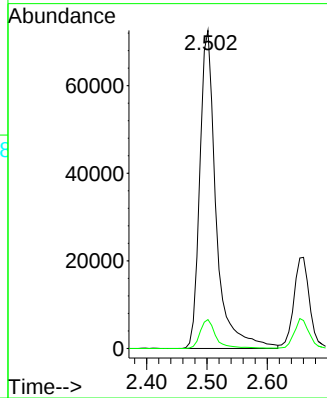
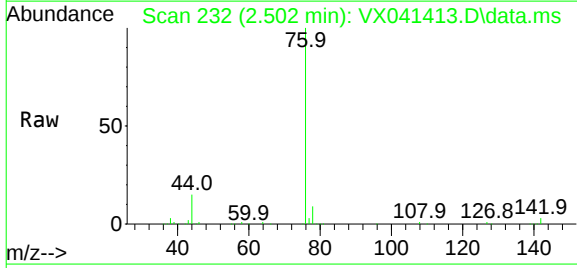
#17
Carbon Disulfide
Concen: 41.267 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 136722
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

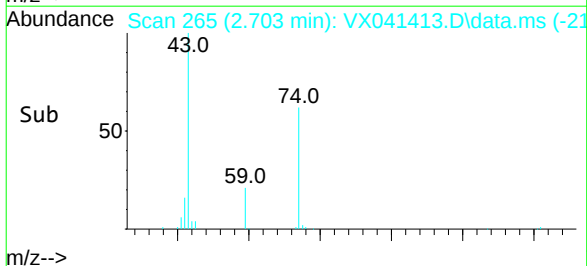
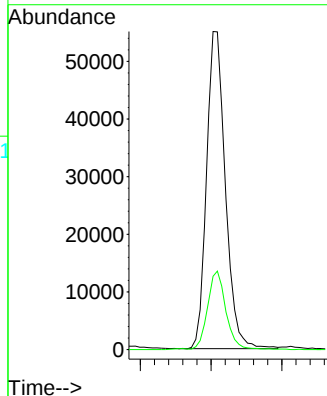
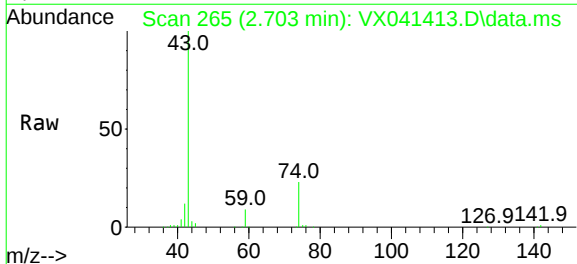
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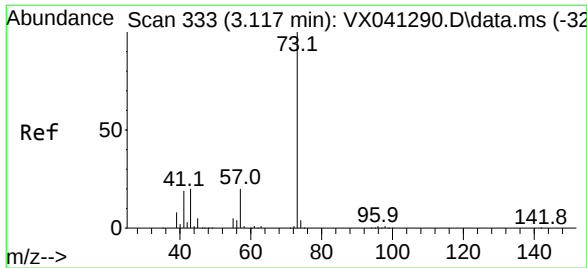
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#18
Methyl Acetate
Concen: 50.142 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 43 Resp: 101574
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





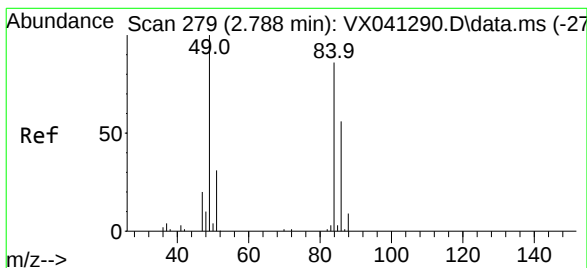
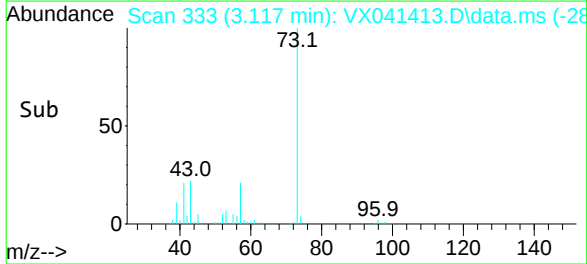
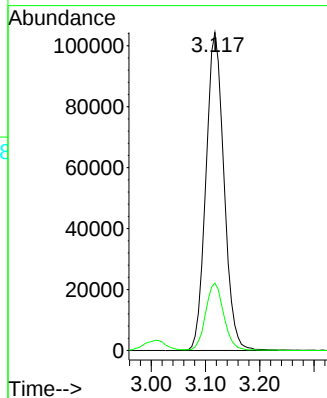
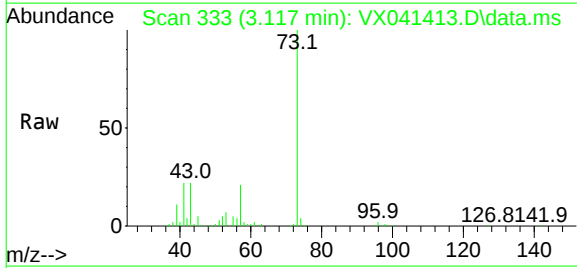
#19
Methyl tert-butyl Ether
Concen: 46.905 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 240992
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

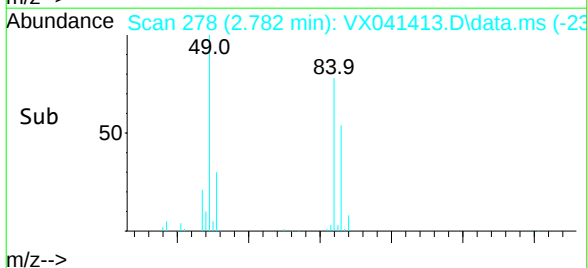
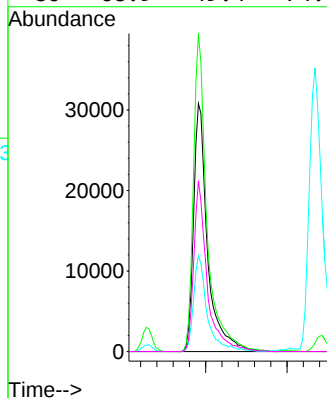
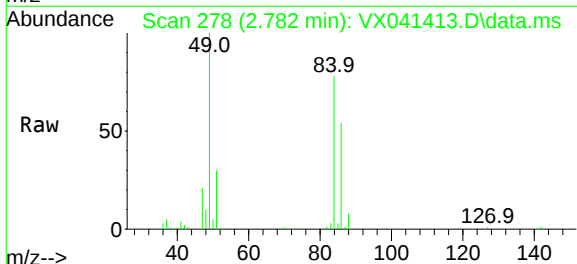
Manual Integrations
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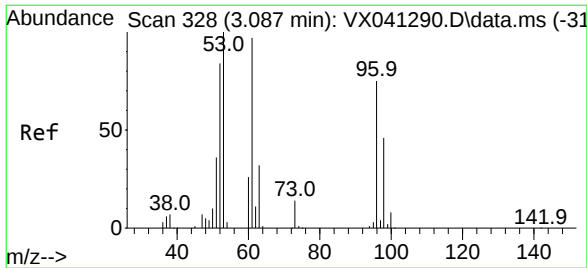
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#20
Methylene Chloride
Concen: 42.855 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 84 Resp: 73664
Ion Ratio Lower Upper
84 100
49 128.3 103.6 155.4
51 38.6 33.8 50.6
86 68.9 49.4 74.0





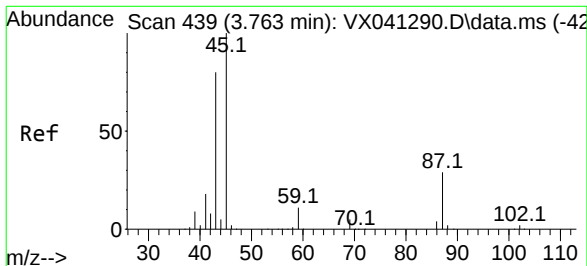
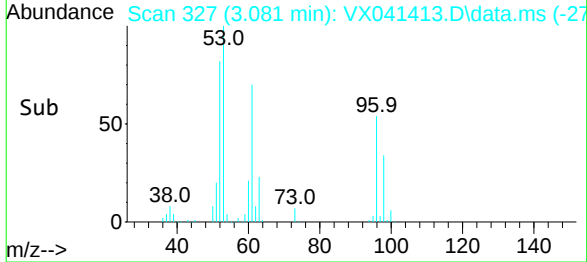
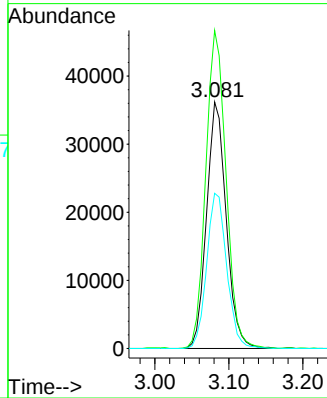
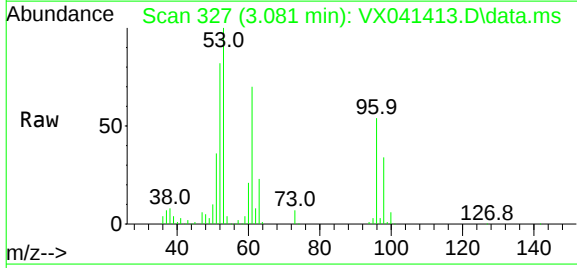
#21
trans-1,2-Dichloroethene
Concen: 42.435 ug/l
RT: 3.081 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 66838
Ion Ratio Lower Upper
96 100
61 129.0 119.2 178.8
98 63.0 48.7 73.1

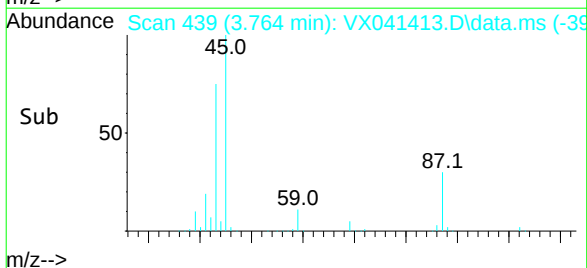
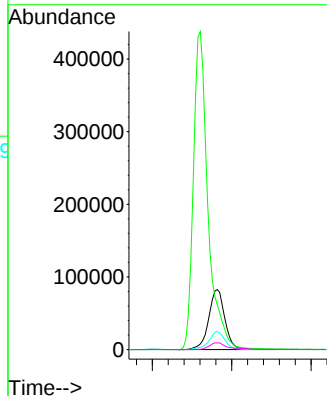
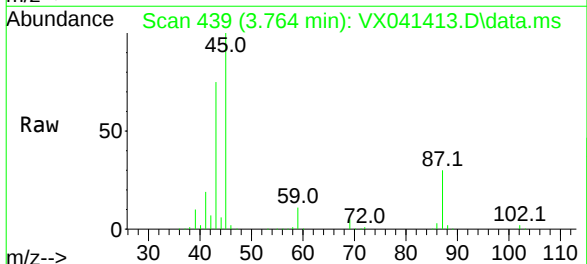
Manual Integrations
APPROVED

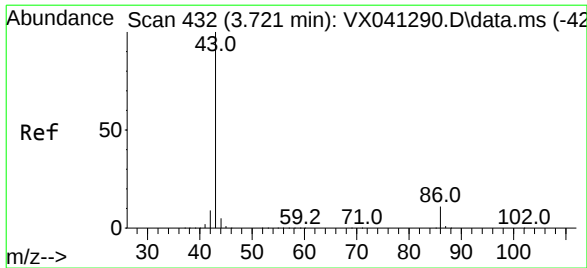
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#22
Diisopropyl ether
Concen: 46.678 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 45 Resp: 234248
Ion Ratio Lower Upper
45 100
43 74.7 69.7 104.5
87 30.0 20.8 31.2
59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 249.797 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1121355

Ion Ratio Lower Upper

43 100

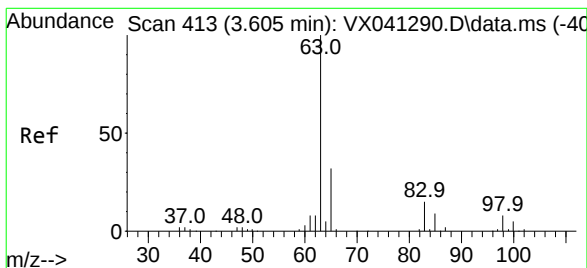
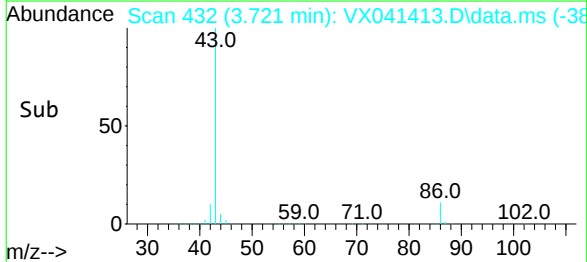
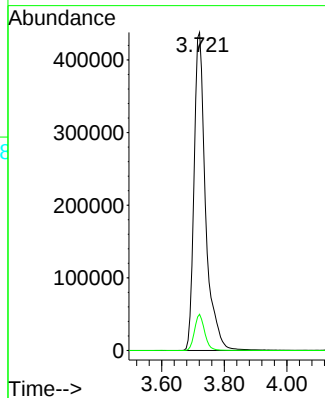
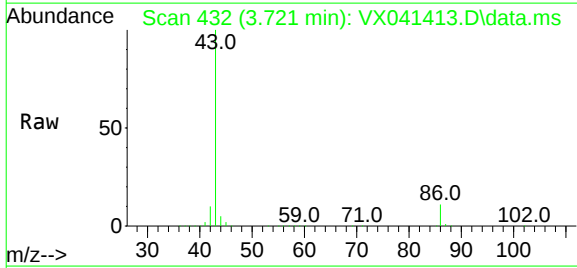
86 11.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#24

1,1-Dichloroethane

Concen: 44.618 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

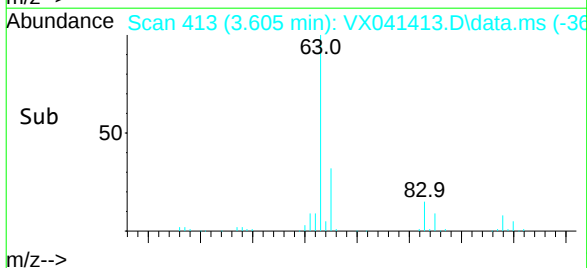
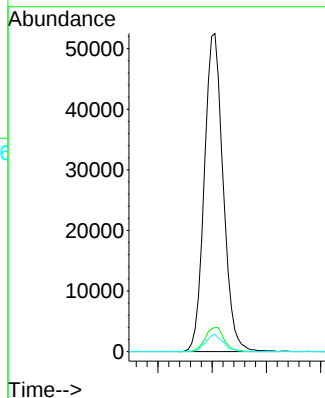
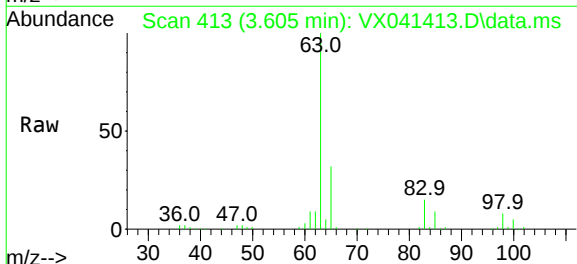
Tgt Ion: 63 Resp: 126496

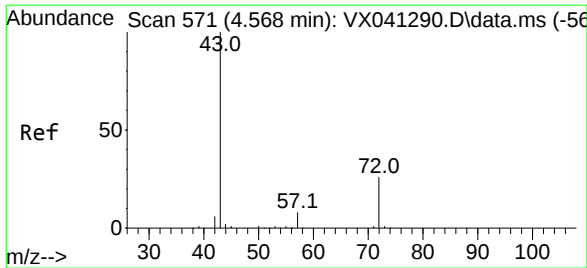
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

100 5.4 2.1 6.5





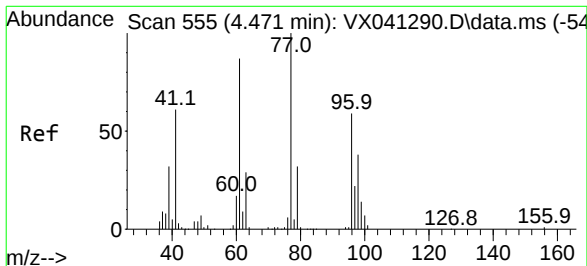
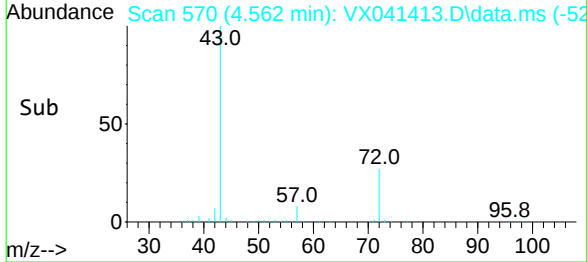
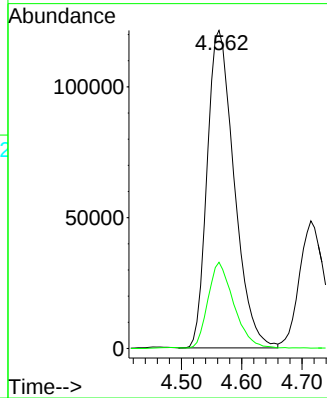
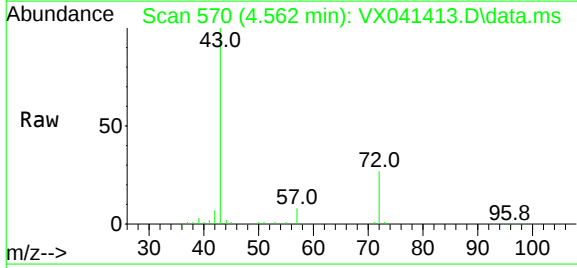
#25
2-Butanone
Concen: 295.217 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 378320
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

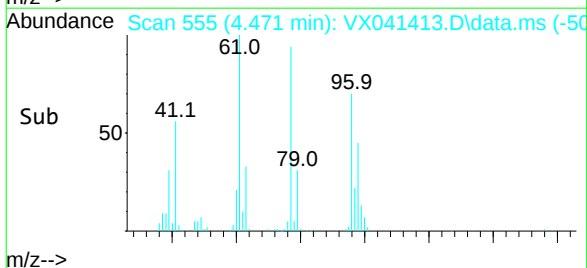
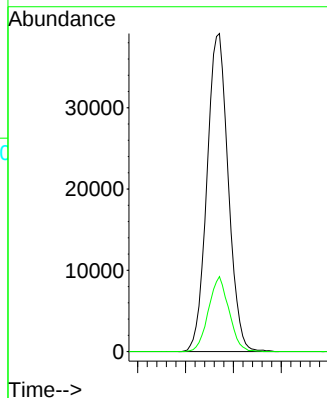
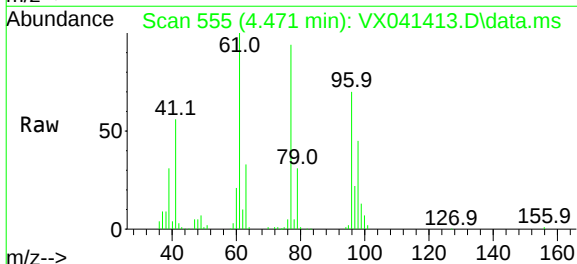
Manual Integrations
APPROVED

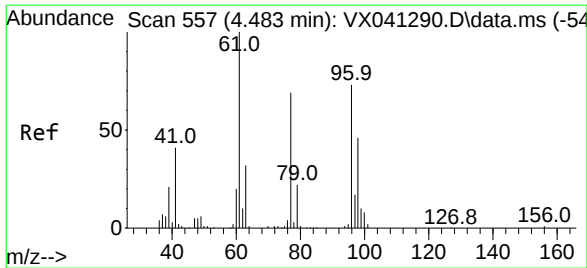
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#26
2,2-Dichloropropane
Concen: 50.937 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

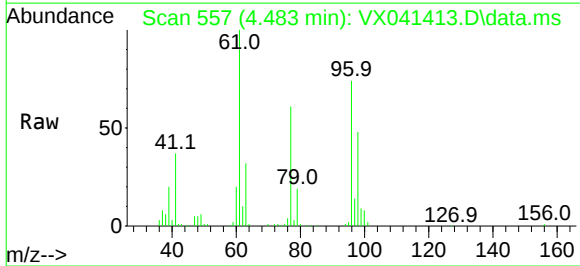
Tgt Ion: 77 Resp: 120743
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.759 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX041413.D
 Acq: 08 May 2024 10:53

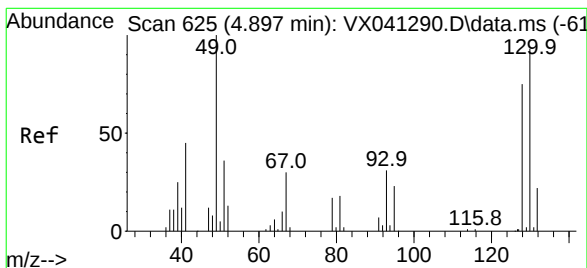
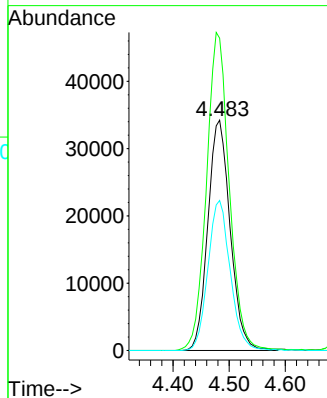
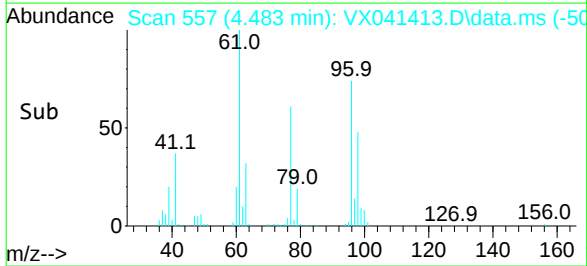
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



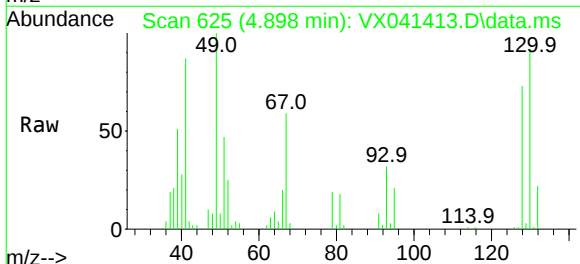
Tgt Ion: 96 Resp: 94661
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 312.2
 98 65.0 0.0 129.0

Manual Integrations
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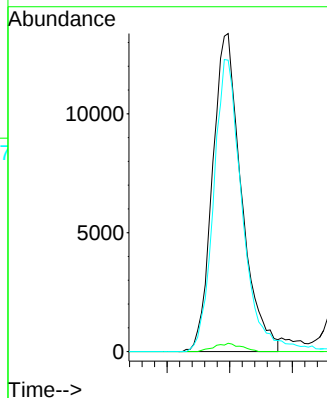
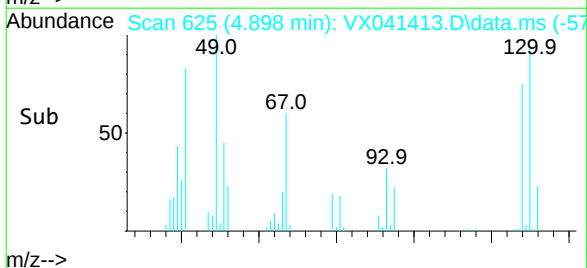
Reviewed By :John Carlone 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

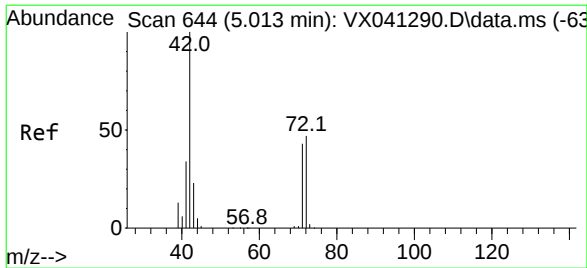


#28
 Bromochloromethane
 Concen: 42.486 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX041413.D
 Acq: 08 May 2024 10:53



Tgt Ion: 49 Resp: 42988
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 91.8 57.5 86.3#





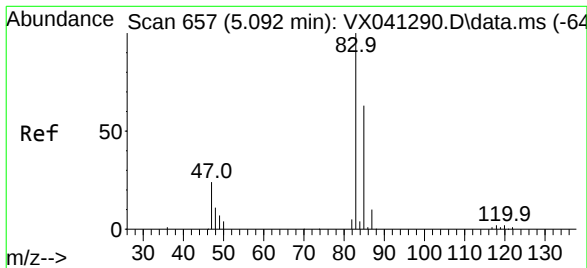
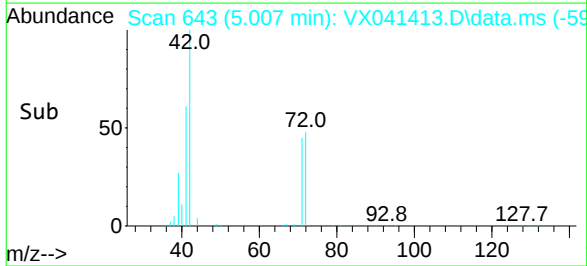
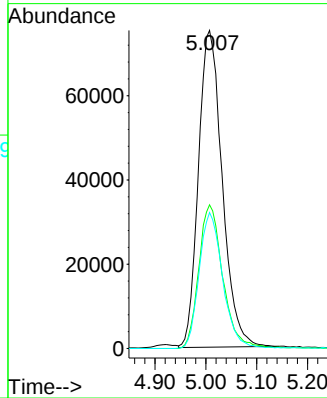
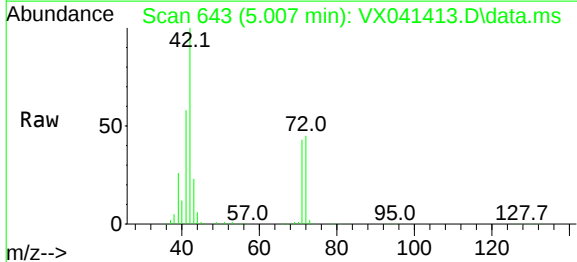
#29
Tetrahydrofuran
Concen: 291.374 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 244199
Ion Ratio Lower Upper
42 100
72 45.7 34.2 51.4
71 42.5 32.2 48.2

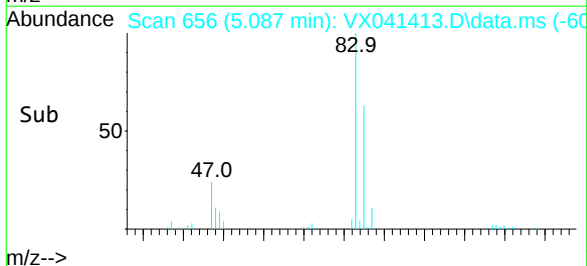
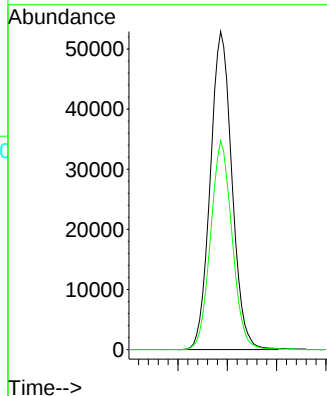
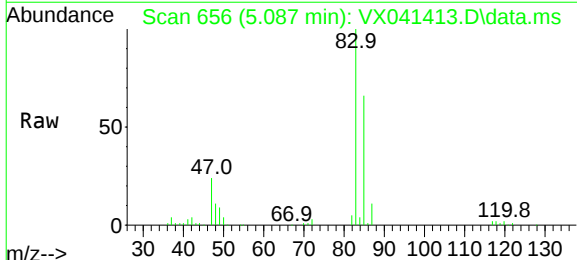
Manual Integrations
APPROVED

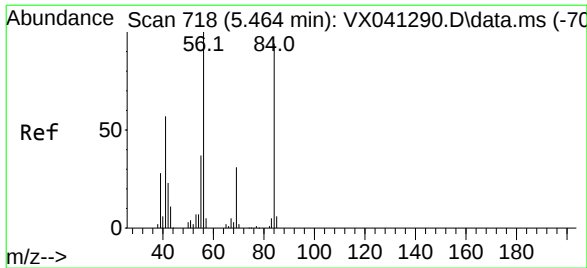
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#30
Chloroform
Concen: 54.762 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 83 Resp: 161524
Ion Ratio Lower Upper
83 100
85 65.7 50.3 75.5





#31

Cyclohexane

Concen: 51.375 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 122769

Ion Ratio Lower Upper

56 100

69 30.2 23.4 35.2

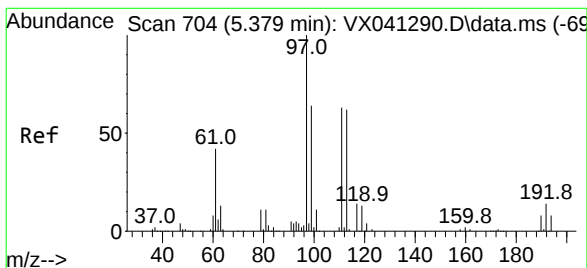
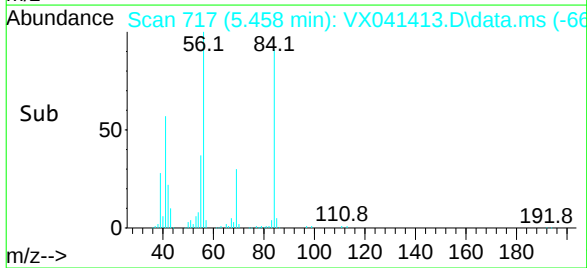
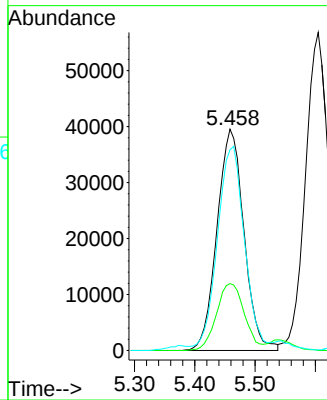
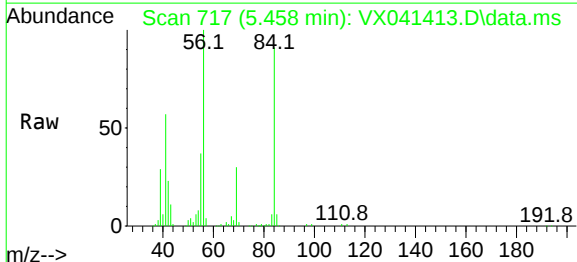
84 88.4 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#32

1,1,1-Trichloroethane

Concen: 52.885 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

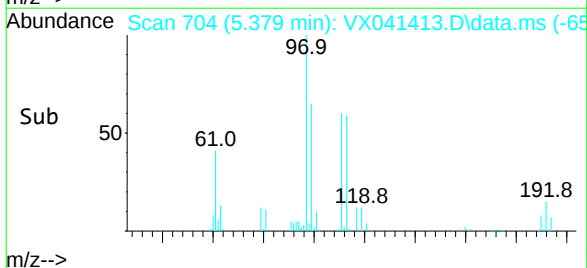
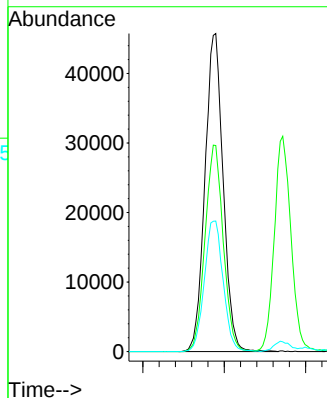
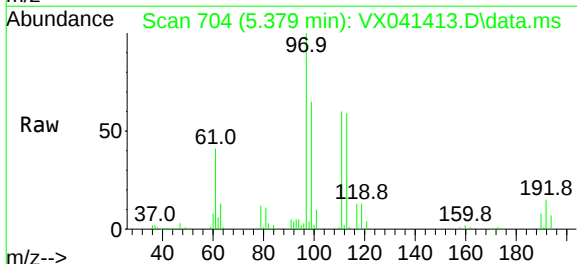
Tgt Ion: 97 Resp: 141918

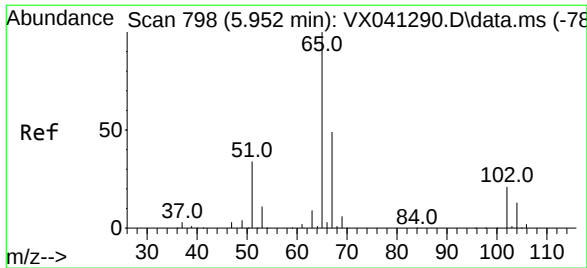
Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

61 42.5 36.4 54.6





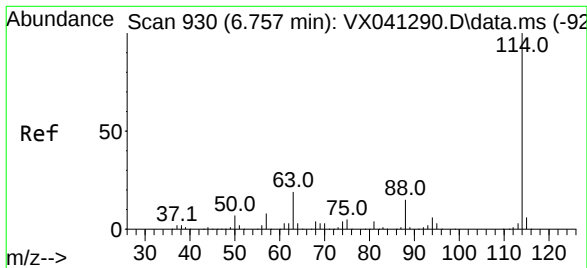
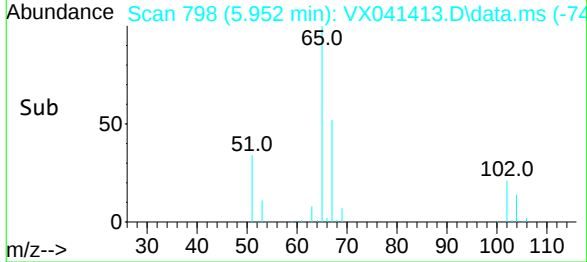
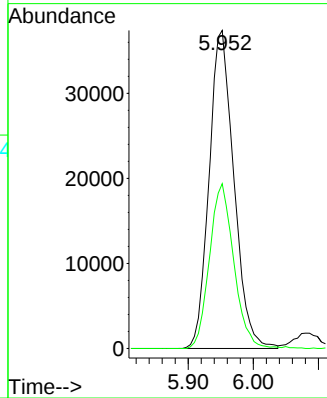
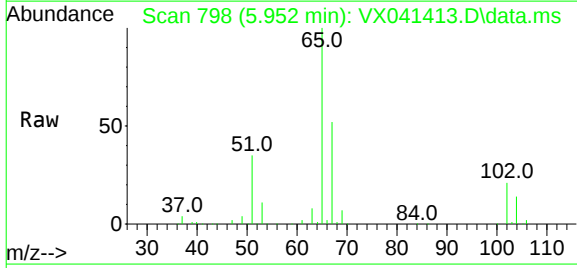
#33
1,2-Dichloroethane-d4
Concen: 49.949 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 98898
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

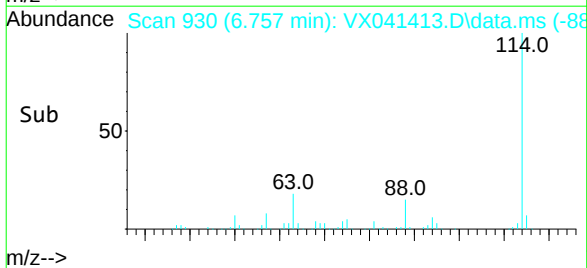
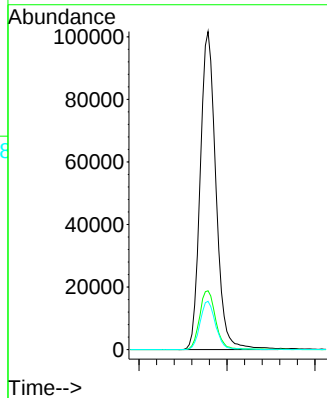
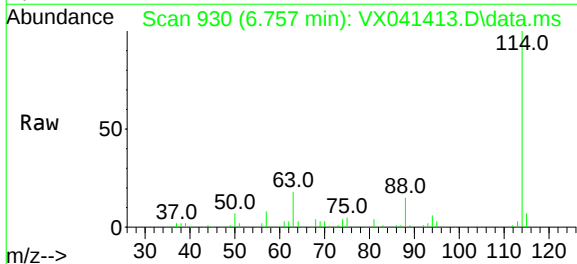
Manual Integrations
APPROVED

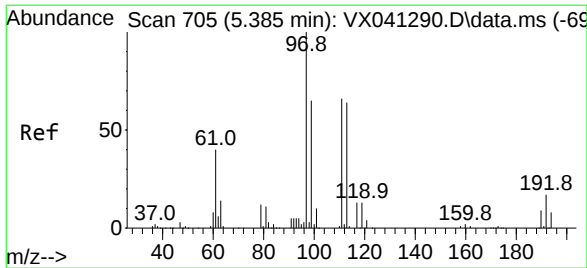
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion:114 Resp: 252003
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.2 0.0 36.6





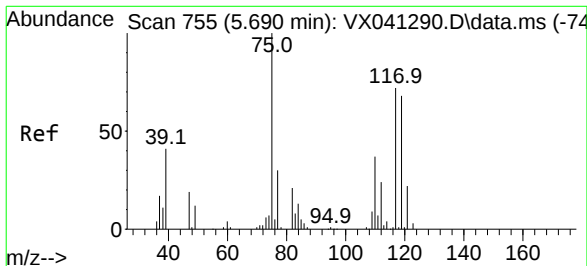
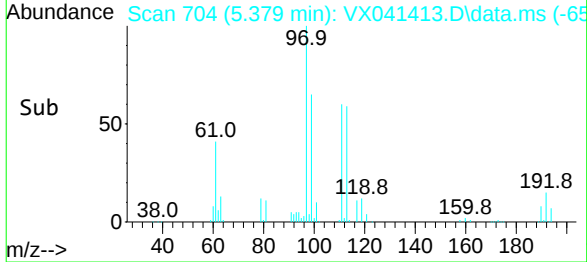
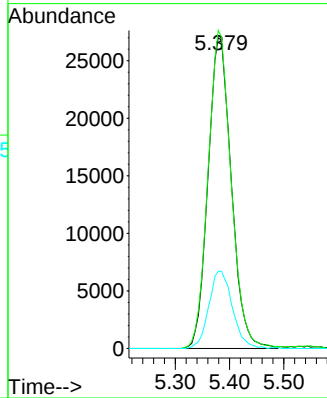
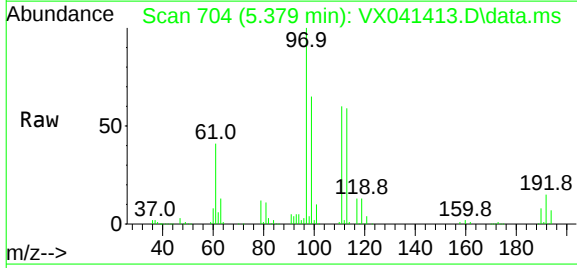
#35
Dibromofluoromethane
Concen: 47.306 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 80787
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.1 13.3 19.9#

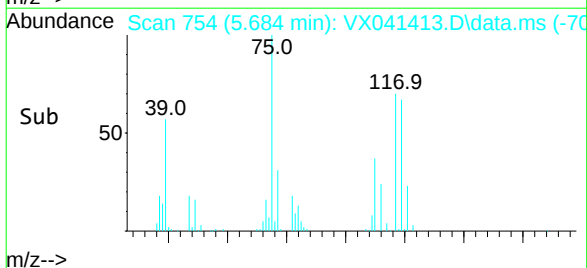
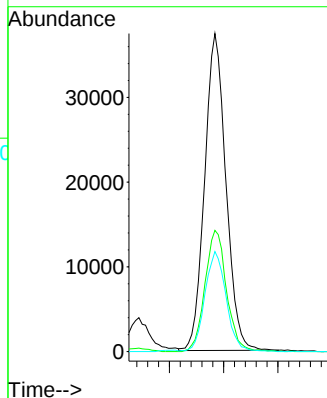
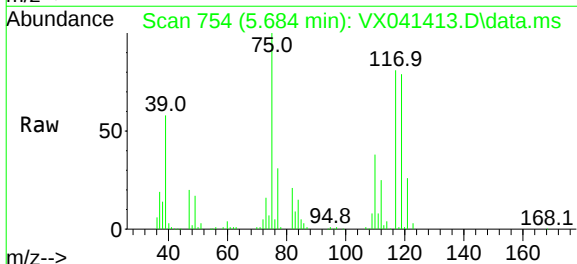
Manual Integrations
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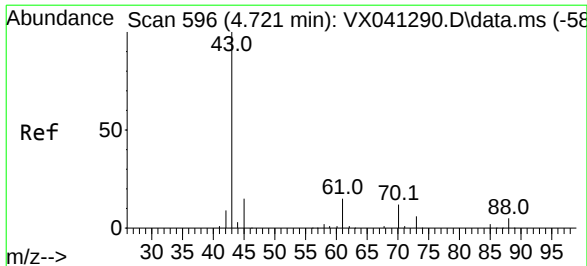
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#36
1,1-Dichloropropene
Concen: 49.918 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 75 Resp: 101936
Ion Ratio Lower Upper
75 100
110 38.9 17.0 50.9
77 31.6 24.7 37.1





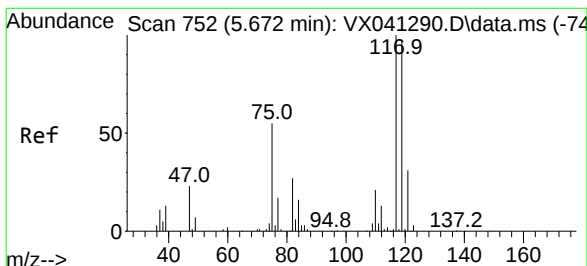
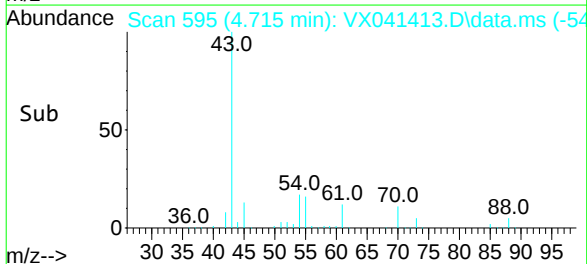
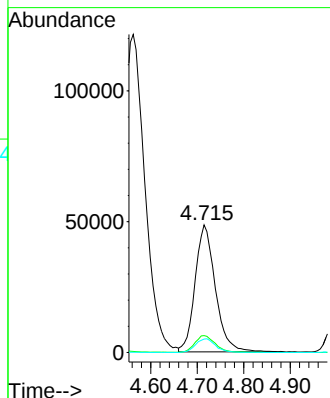
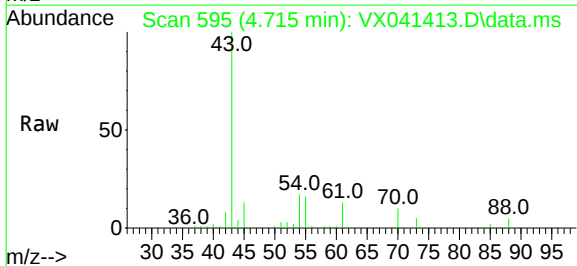
#37
Ethyl Acetate
Concen: 57.652 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	146895
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	16.0
70	10.7	8.3	12.5

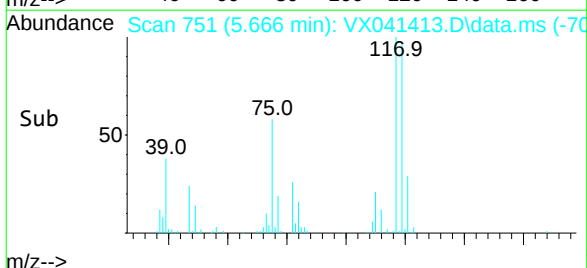
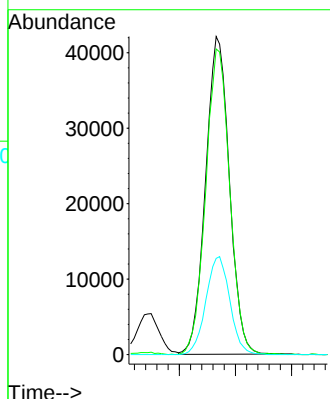
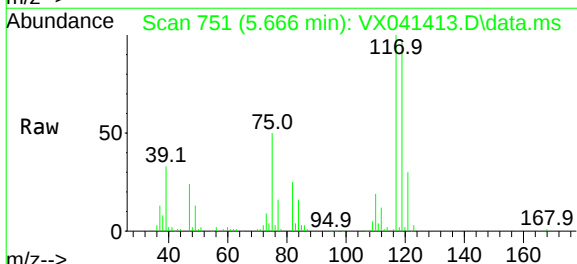
Manual Integrations
APPROVED

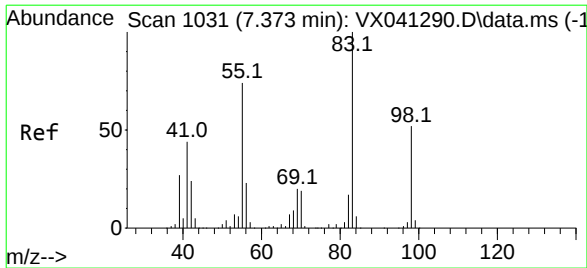
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38
Carbon Tetrachloride
Concen: 53.068 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

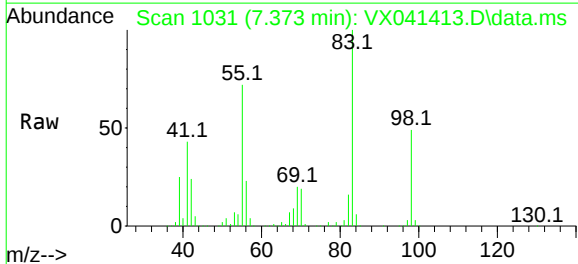
Tgt Ion:	117	Resp:	124145
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.2
121	30.3	24.4	36.6





#39
Methylcyclohexane
Concen: 56.236 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

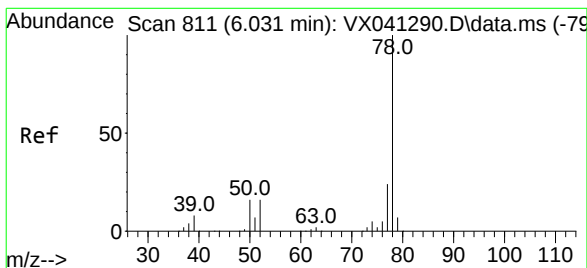
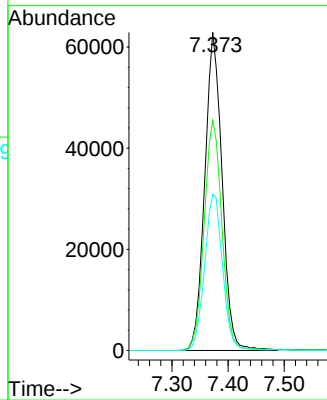
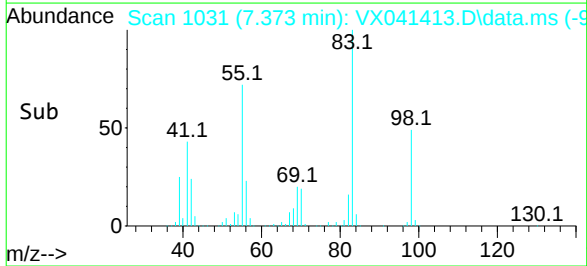
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 134911
Ion Ratio Lower Upper
83 100
55 72.4 64.6 97.0
98 49.1 36.7 55.1

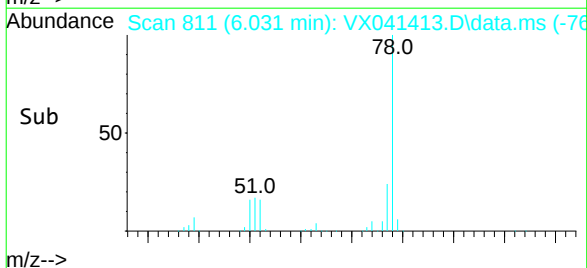
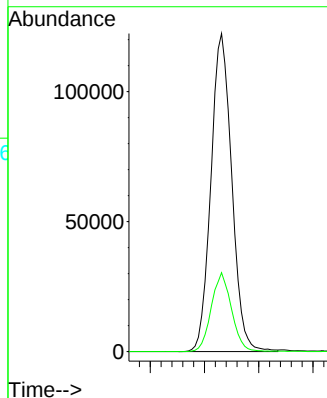
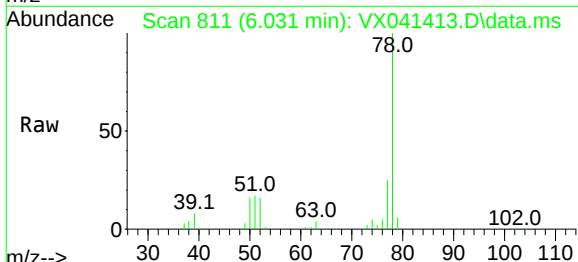
Manual Integrations
APPROVED

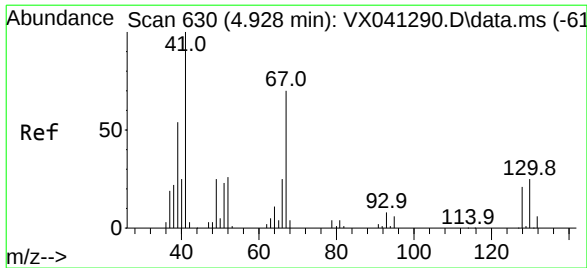
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#40
Benzene
Concen: 51.838 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 78 Resp: 326327
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9





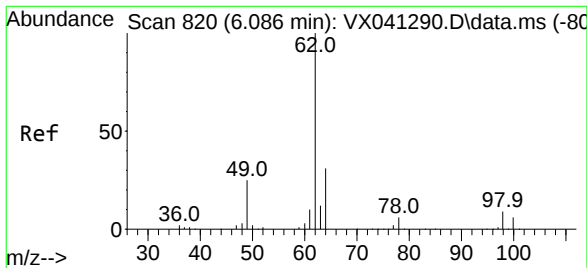
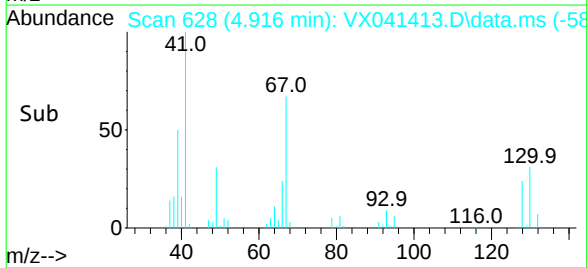
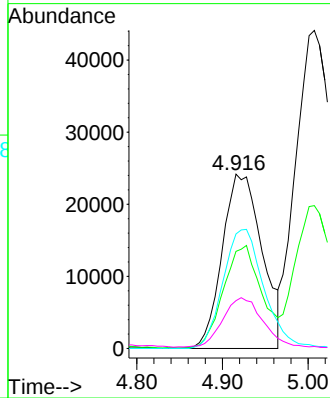
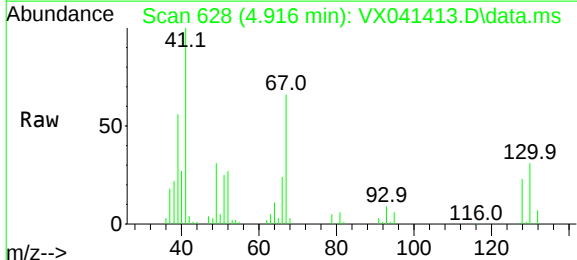
#41
Methacrylonitrile
Concen: 59.748 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	78353
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.2	67.8
67	70.3	52.6	78.8
52	29.3	22.7	34.1

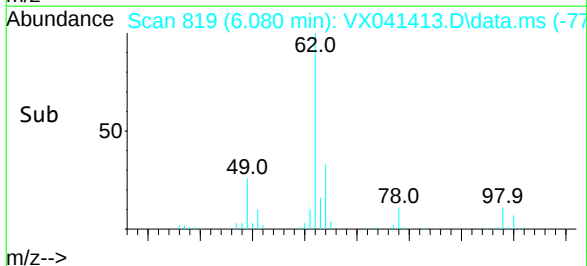
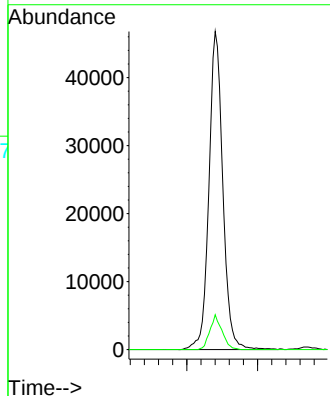
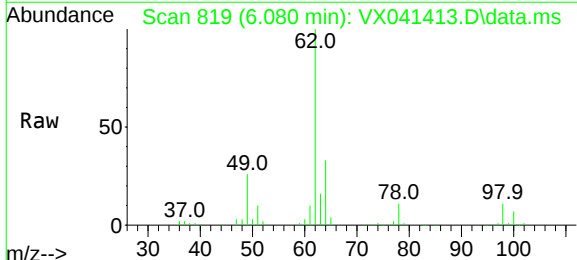
Manual Integrations
APPROVED

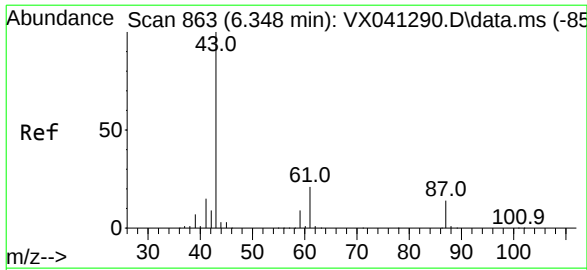
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
1,2-Dichloroethane
Concen: 55.307 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion:	62	Resp:	127599
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 57.870 ug/l

RT: 6.342 min Scan# 86

Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

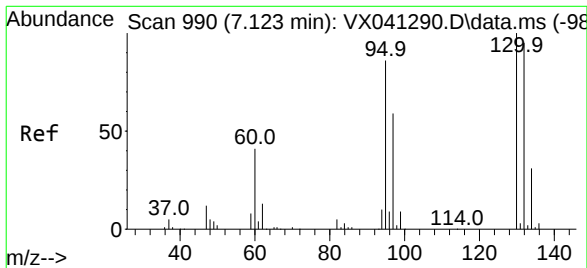
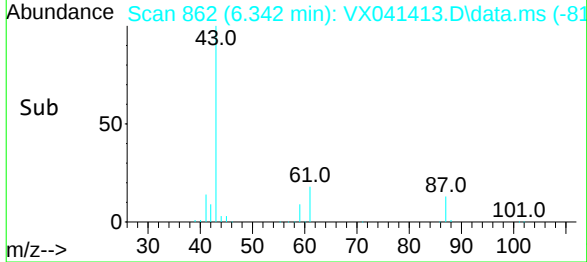
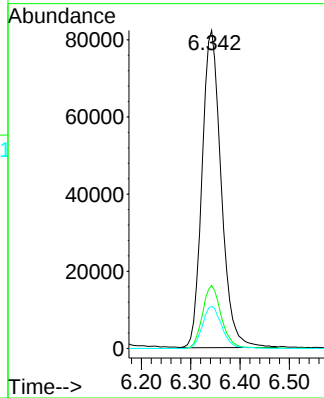
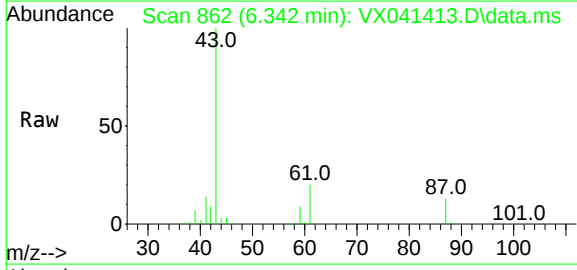
Tgt Ion:	43	Resp:	221696
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.2	22.8
87	13.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#44

Trichloroethene

Concen: 55.319 ug/l

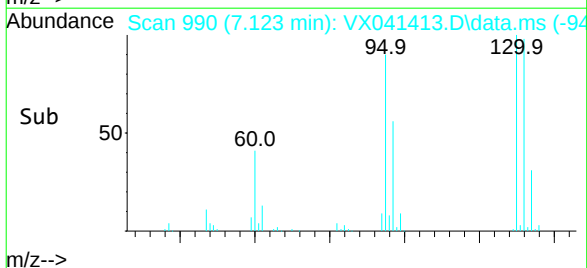
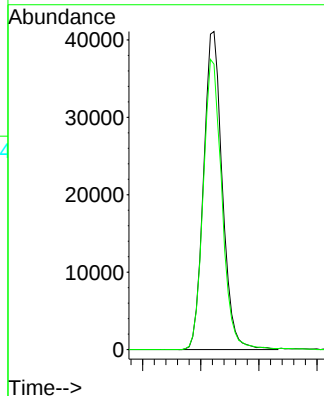
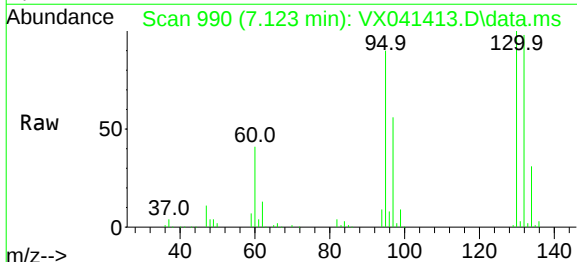
RT: 7.123 min Scan# 990

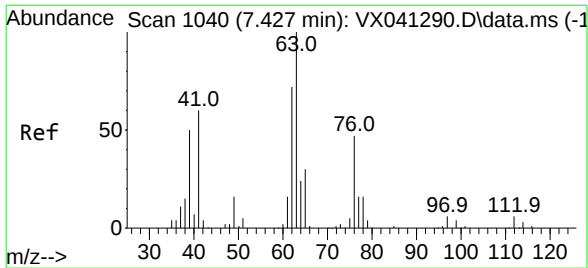
Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion:	130	Resp:	91957
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	204.4





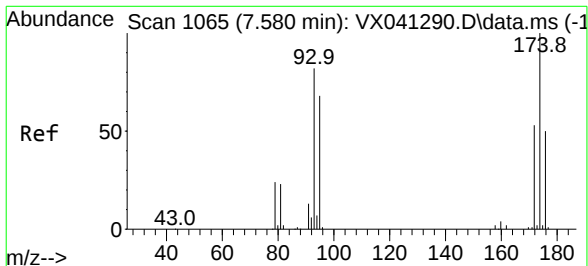
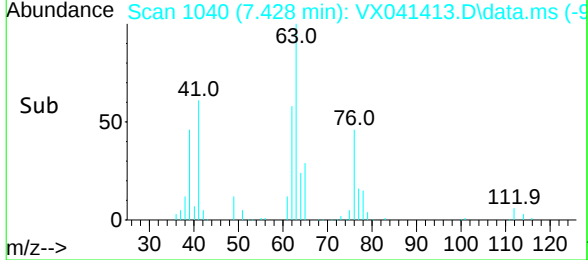
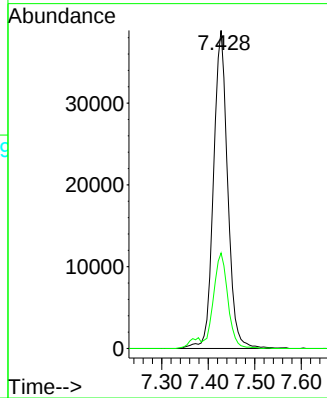
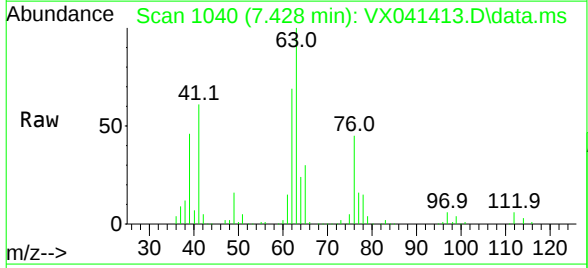
#45
1,2-Dichloropropane
Concen: 58.621 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 82451
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5

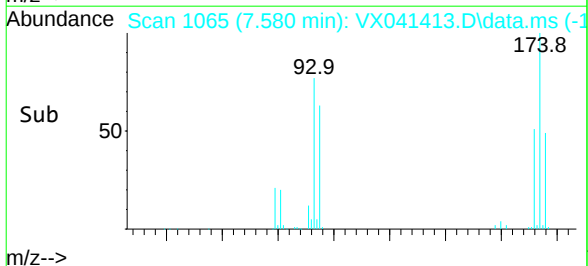
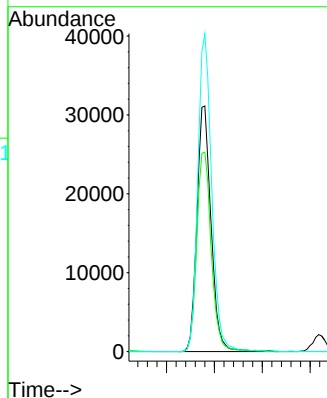
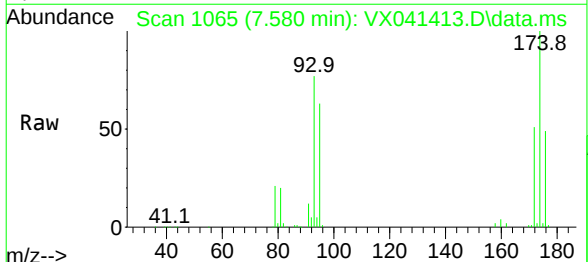
Manual Integrations
APPROVED

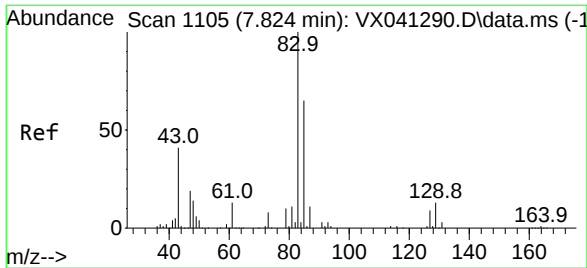
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#46
Dibromomethane
Concen: 57.045 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 93 Resp: 63872
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 126.7 69.4 104.0#





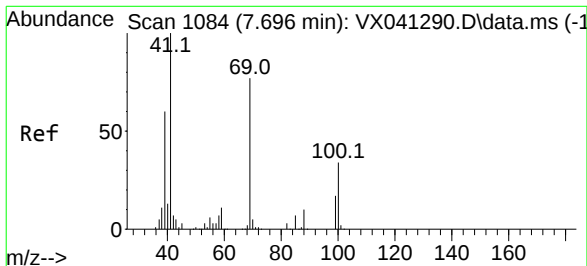
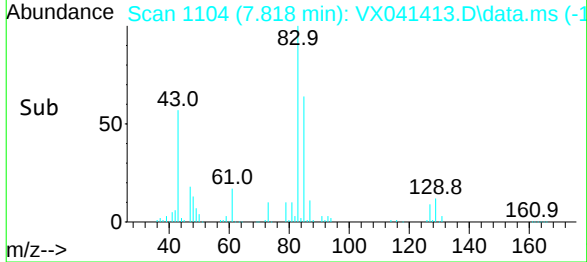
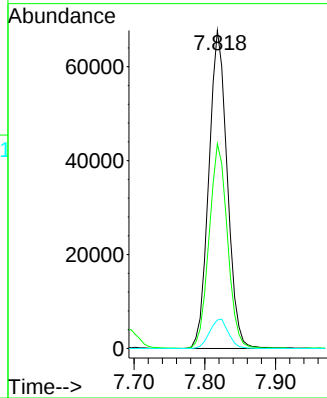
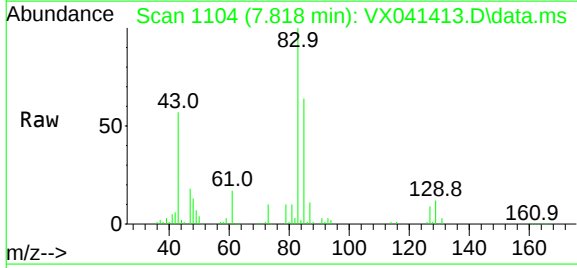
#47
Bromodichloromethane
Concen: 61.472 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 122653
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 9.0 7.1 10.7

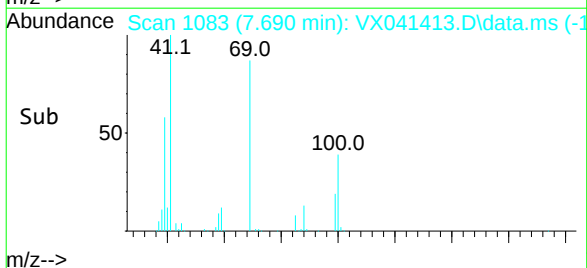
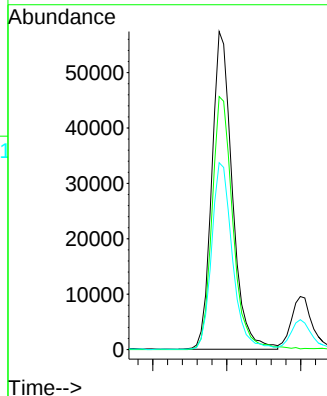
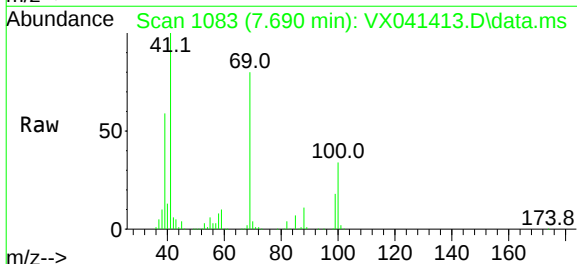
Manual Integrations
APPROVED

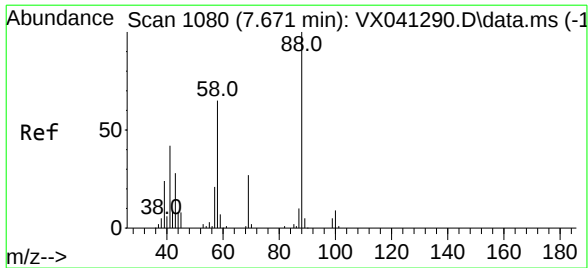
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#48
Methyl methacrylate
Concen: 62.920 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

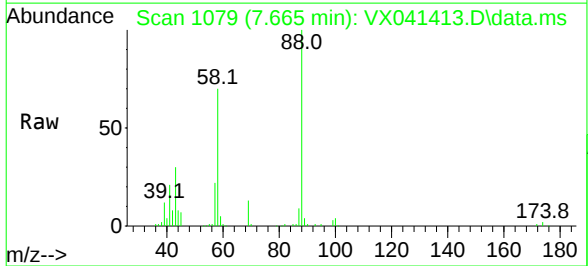
Tgt Ion: 41 Resp: 110497
Ion Ratio Lower Upper
41 100
69 81.0 59.2 88.8
39 59.5 47.7 71.5





#49
1,4-Dioxane
Concen: 1064.032 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

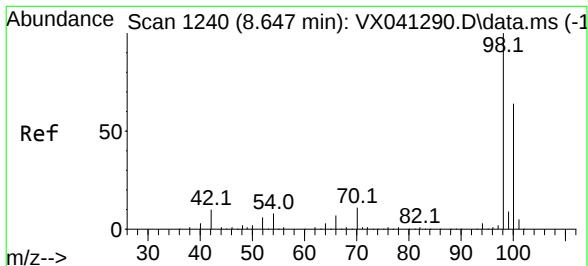
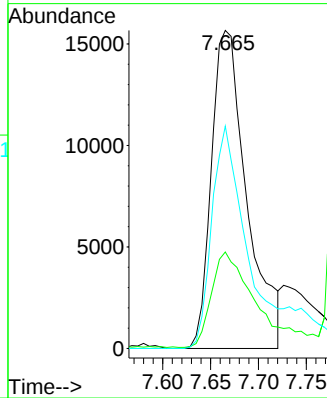
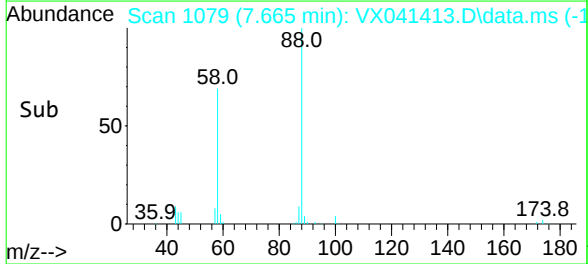
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 40400
Ion Ratio Lower Upper
88 100
43 37.4 0.0 0.0#
58 68.3 60.1 90.1

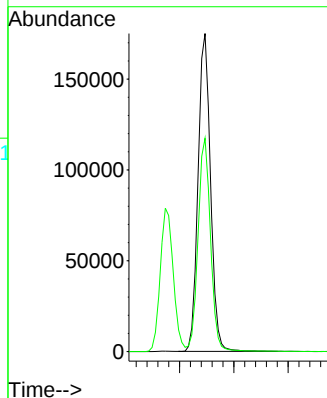
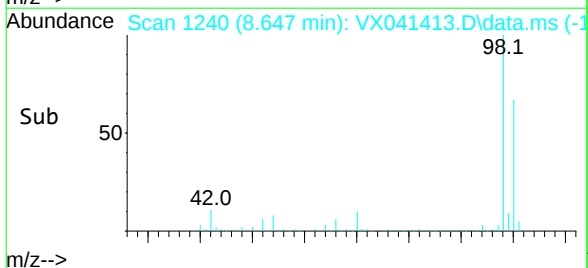
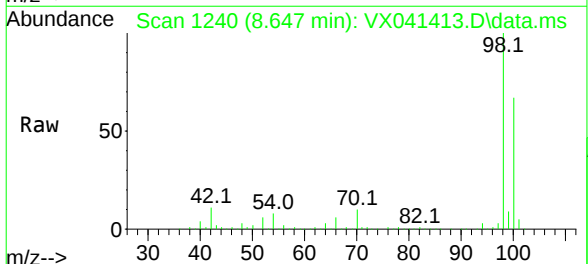
Manual Integrations
APPROVED

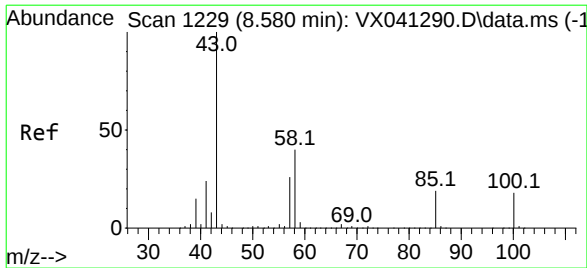
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#50
Toluene-d8
Concen: 51.692 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 98 Resp: 279406
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 328.019 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 754045

Ion Ratio Lower Upper

43 100

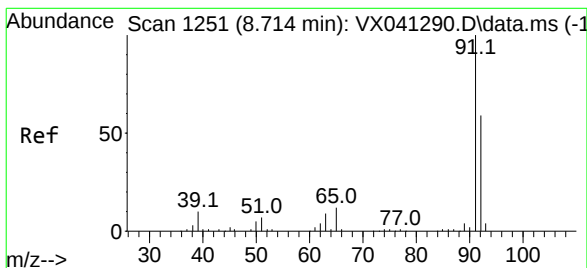
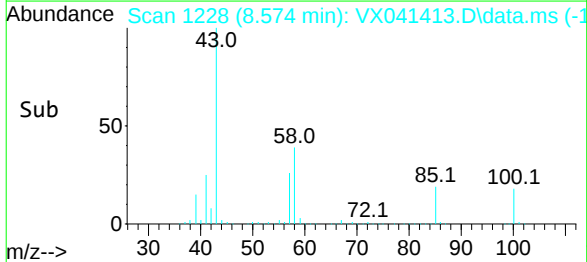
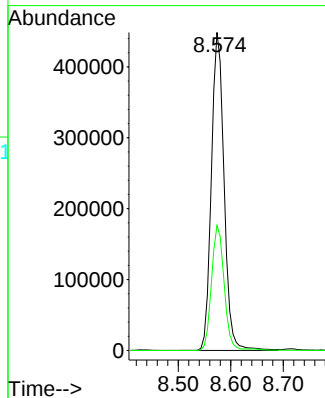
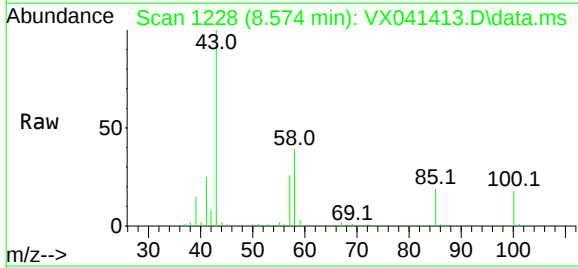
58 38.9 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#52

Toluene

Concen: 56.051 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041413.D

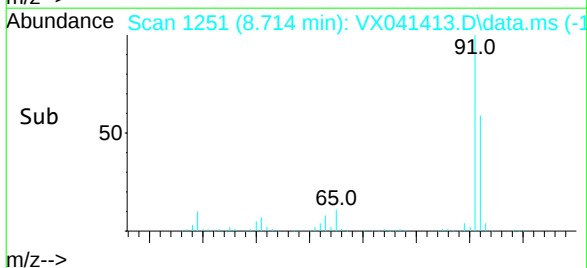
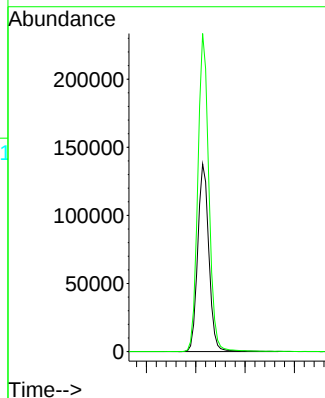
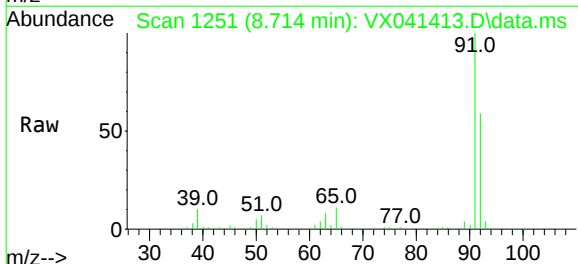
Acq: 08 May 2024 10:53

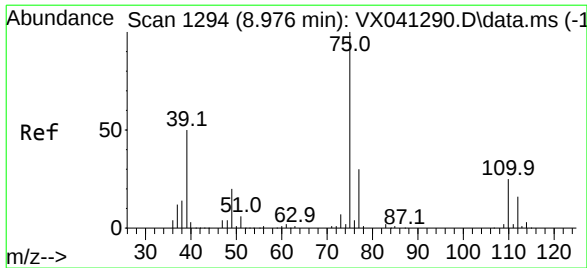
Tgt Ion: 92 Resp: 215845

Ion Ratio Lower Upper

92 100

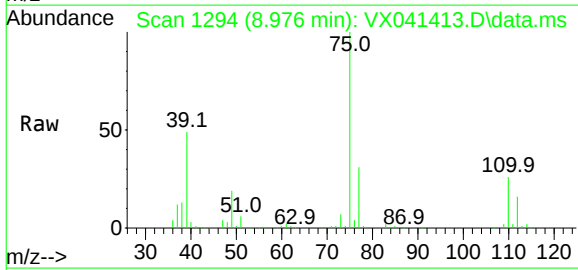
91 167.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.126 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

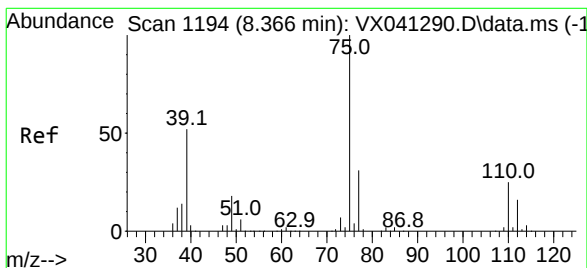
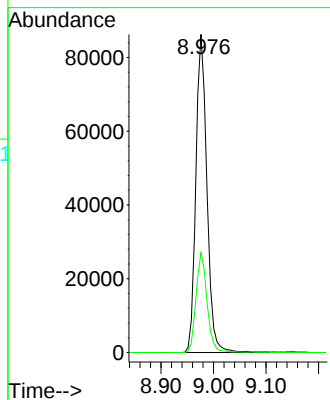
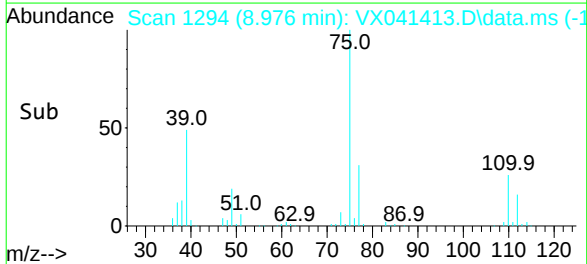
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



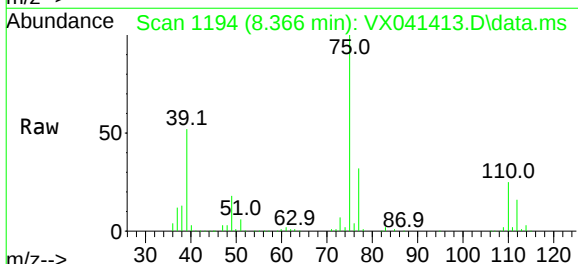
Tgt Ion: 75 Resp: 126034
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations
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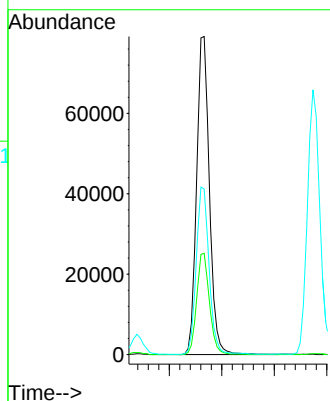
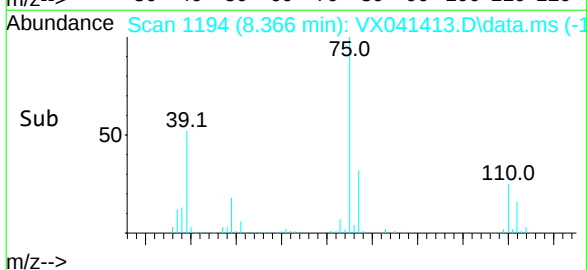
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

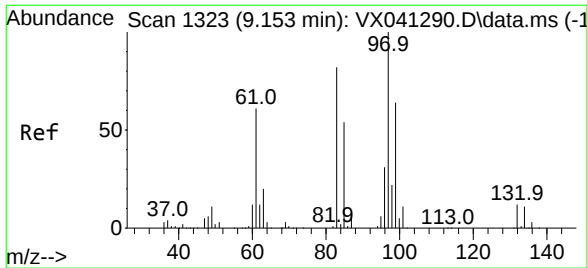


#54
cis-1,3-Dichloropropene
Concen: 61.035 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53



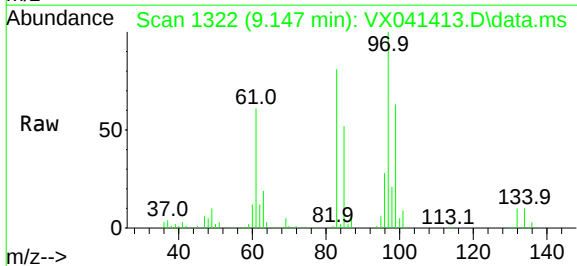
Tgt Ion: 75 Resp: 133882
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 51.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 60.716 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

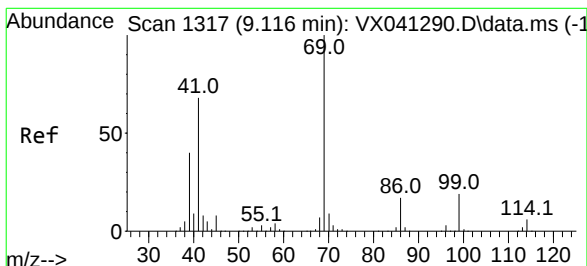
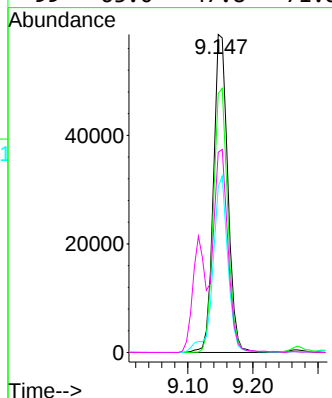
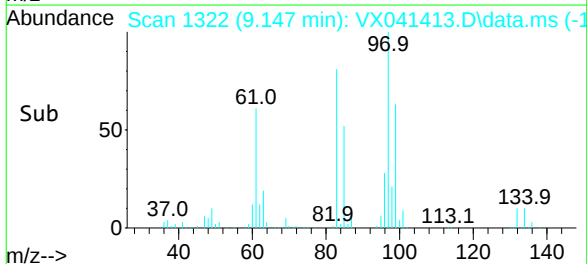
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	90043
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.8	98.8
85	52.0	41.6	62.4
99	63.0	47.8	71.8

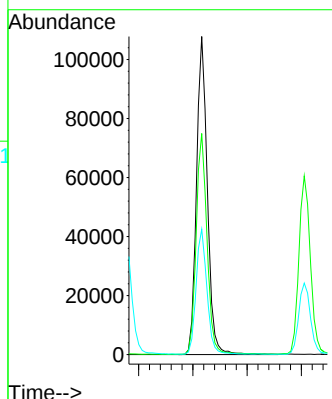
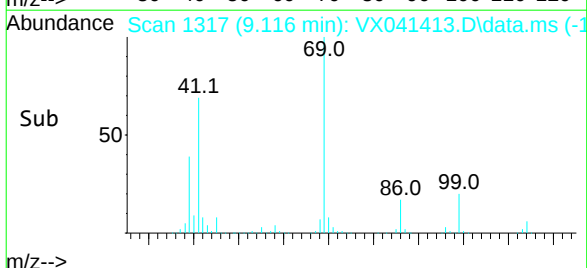
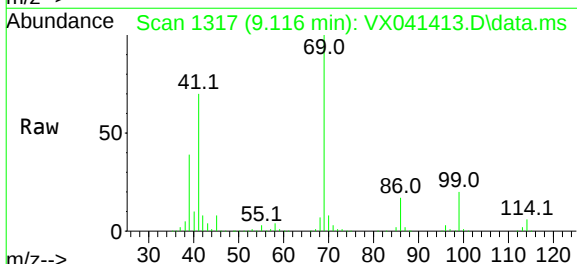
Manual Integrations
APPROVED

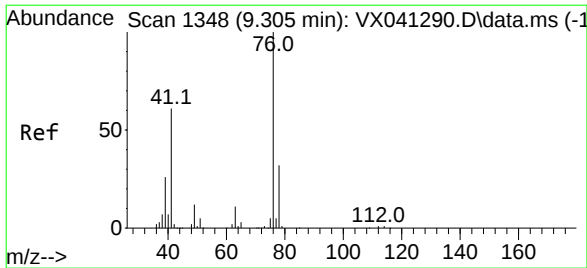
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#56
Ethyl methacrylate
Concen: 65.281 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

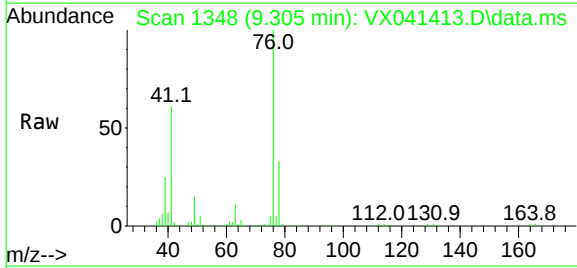
Tgt Ion:	69	Resp:	149831
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.8	85.2
39	39.2	32.0	48.0





#57
1,3-Dichloropropane
Concen: 59.065 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

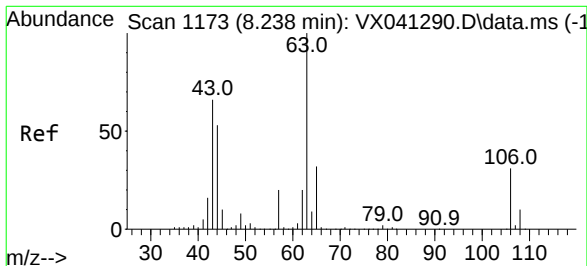
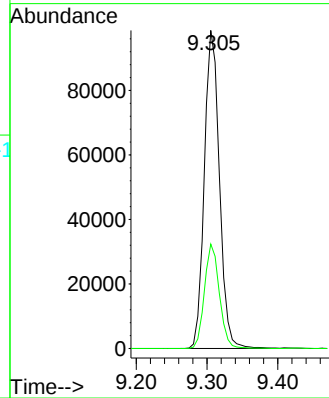
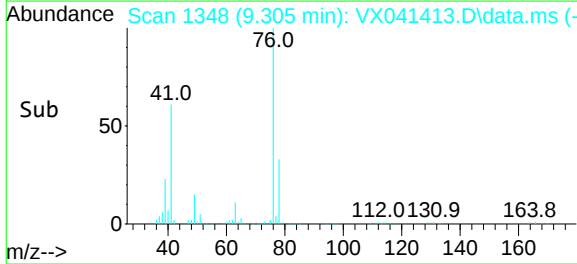
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 146188
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

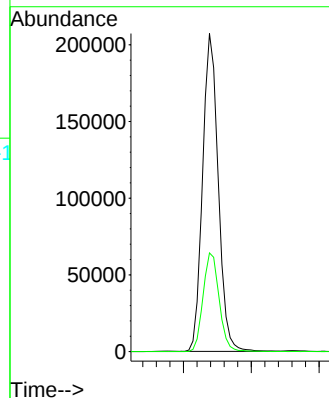
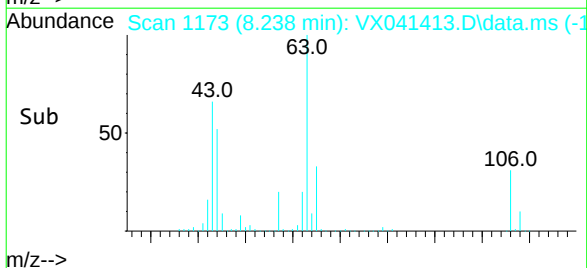
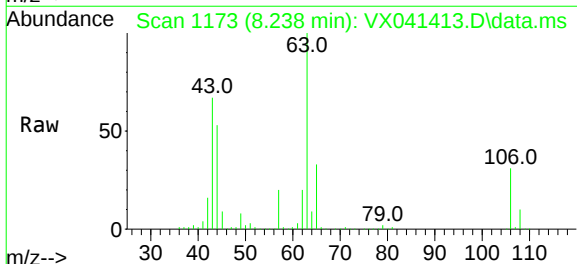
Manual Integrations
APPROVED

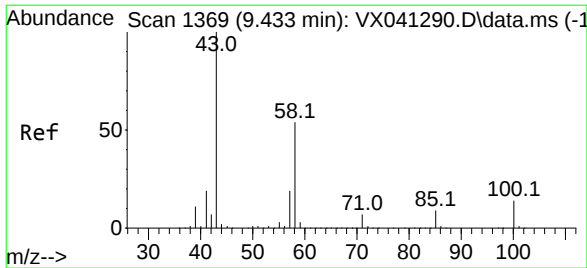
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#58
2-Chloroethyl Vinyl ether
Concen: 298.553 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 63 Resp: 332251
Ion Ratio Lower Upper
63 100
106 31.9 22.5 33.7





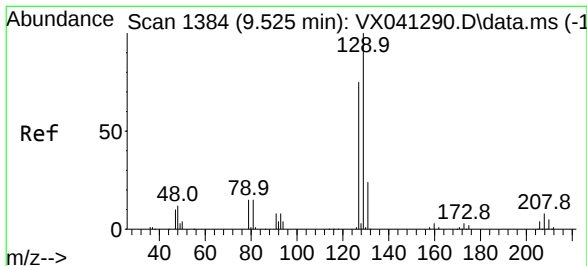
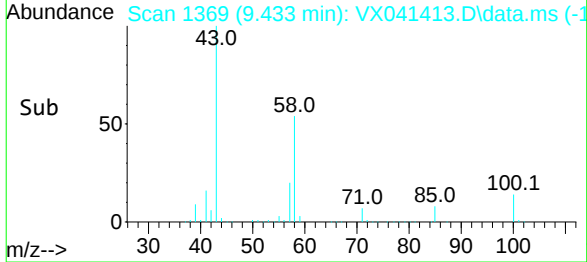
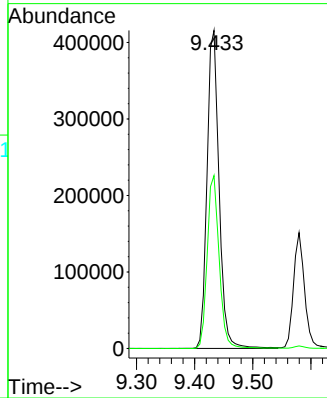
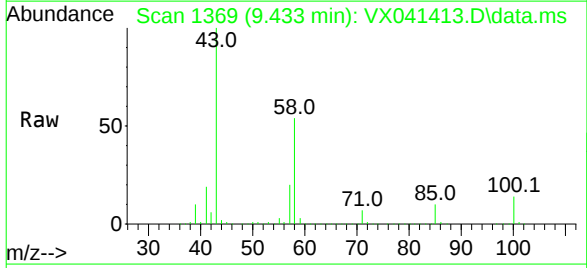
#59
2-Hexanone
Concen: 324.252 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 596035
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5

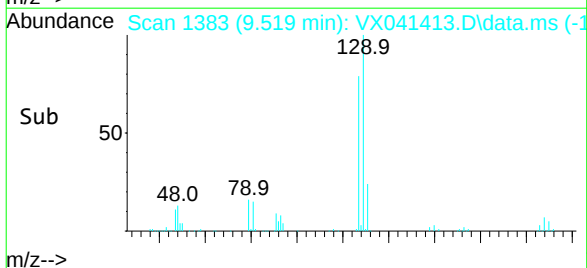
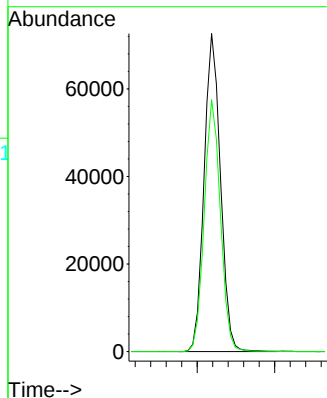
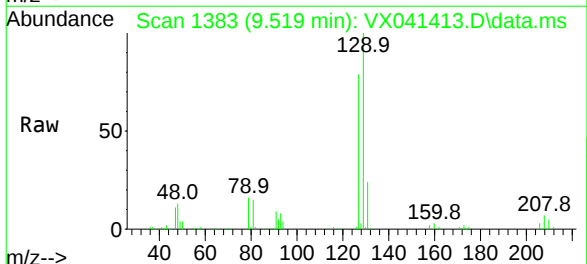
Manual Integrations
APPROVED

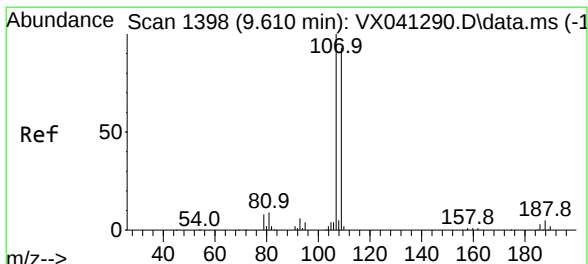
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#60
Dibromochloromethane
Concen: 61.067 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion:129 Resp: 106614
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
 1,2-Dibromoethane
 Concen: 58.511 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX041413.D
 Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

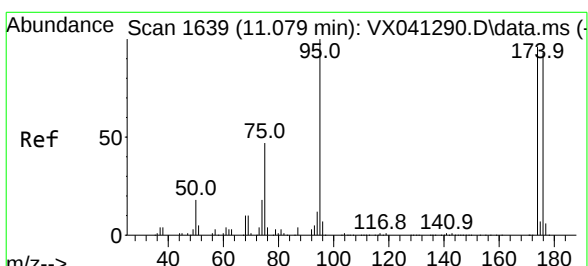
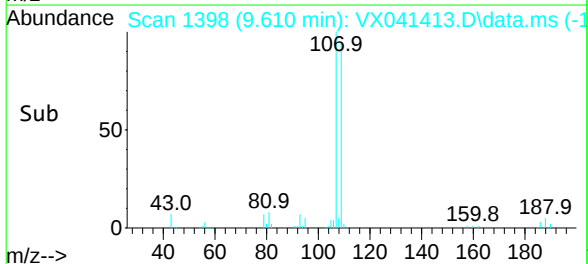
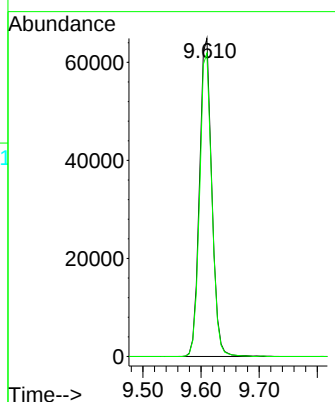
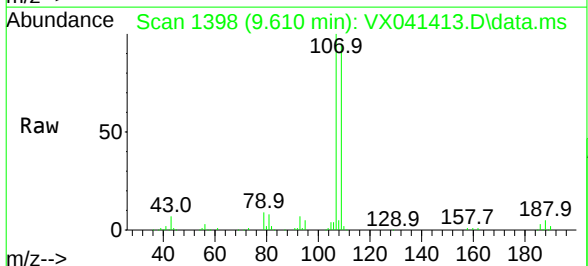
ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 95463
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.2 112.8

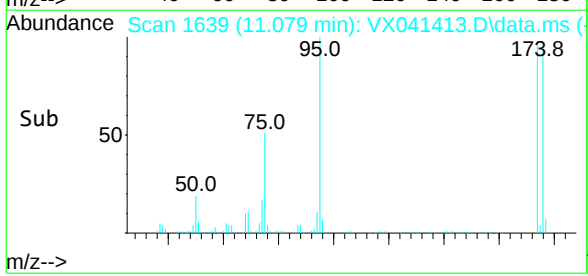
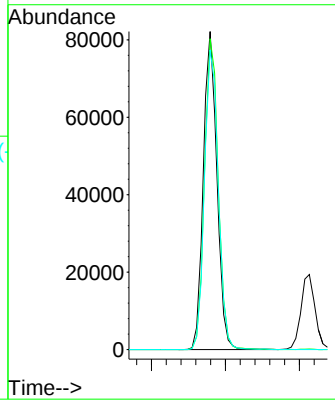
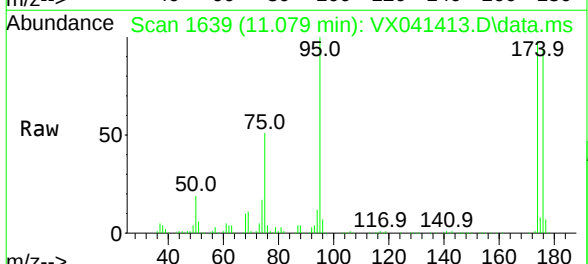
Manual Integrations
 APPROVED

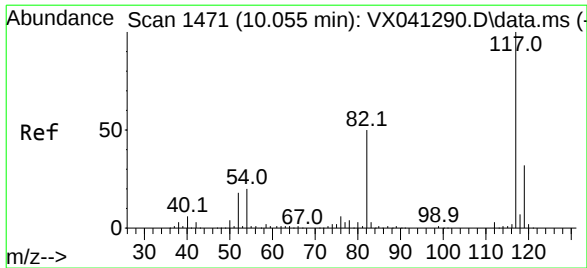
Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024



#62
 4-Bromofluorobenzene
 Concen: 50.013 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX041413.D
 Acq: 08 May 2024 10:53

Tgt Ion: 95 Resp: 104647
 Ion Ratio Lower Upper
 95 100
 174 98.9 0.0 135.6
 176 96.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

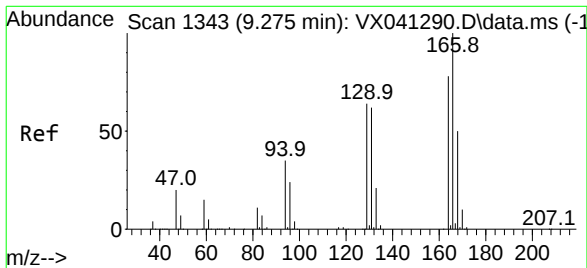
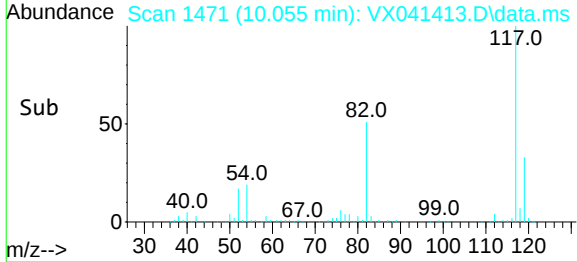
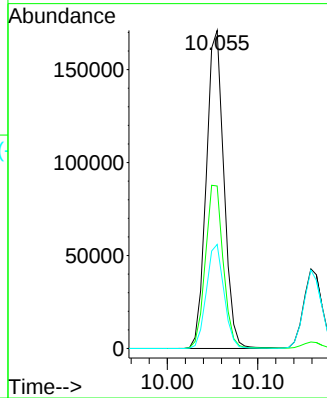
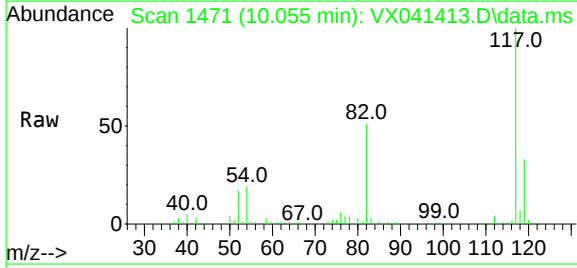
Tgt Ion:	117	Resp:	231697
Ion	Ratio	Lower	Upper
117	100		
82	51.1	46.2	69.4
119	32.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#64

Tetrachloroethene

Concen: 52.680 ug/l

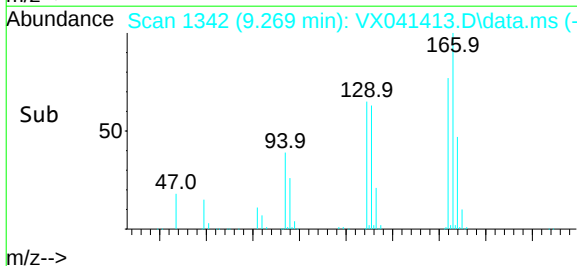
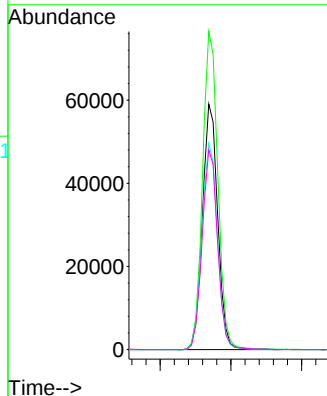
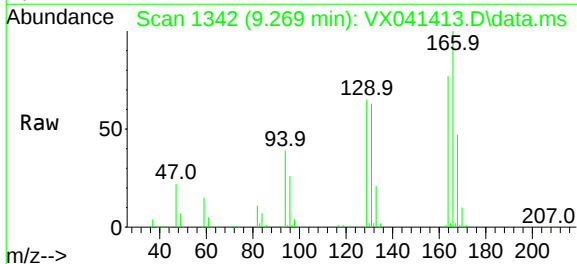
RT: 9.269 min Scan# 1342

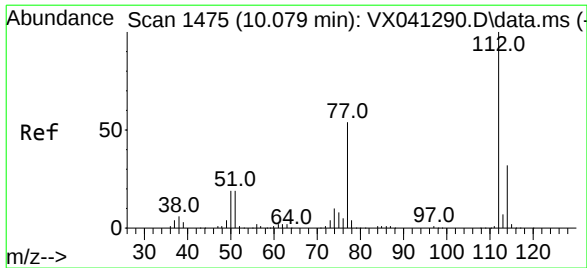
Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion:	164	Resp:	88386
Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.7	154.1
129	83.9	80.4	120.6
131	81.3	76.5	114.7





#65

Chlorobenzene

Concen: 53.835 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 253215

Ion Ratio Lower Upper

112 100

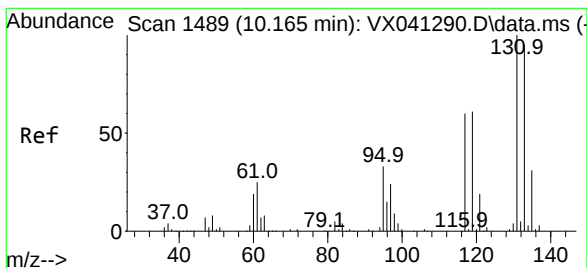
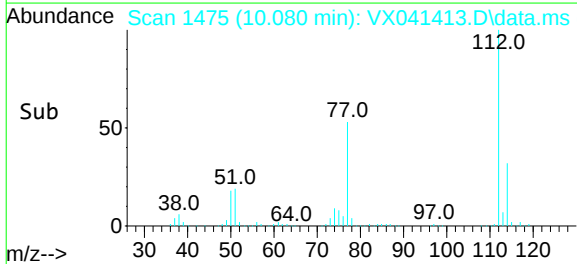
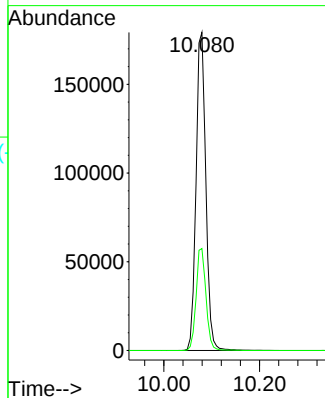
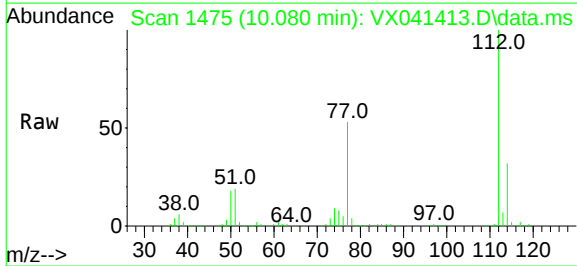
114 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 55.909 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

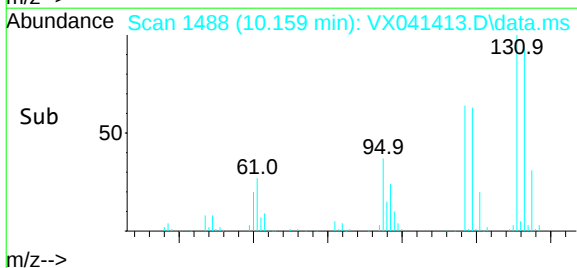
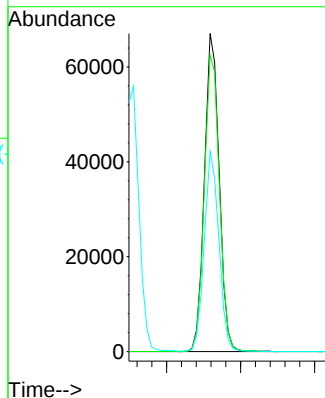
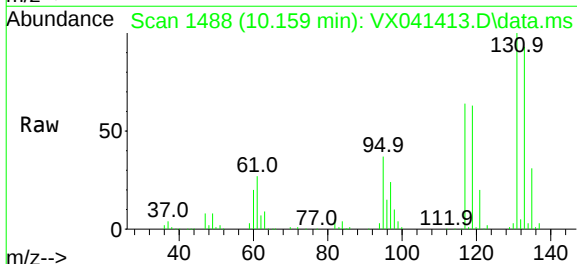
Tgt Ion:131 Resp: 92918

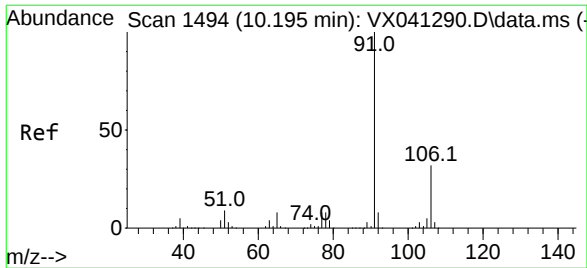
Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.4

119 62.7 32.2 96.6





#67

Ethyl Benzene

Concen: 53.065 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX041413.D

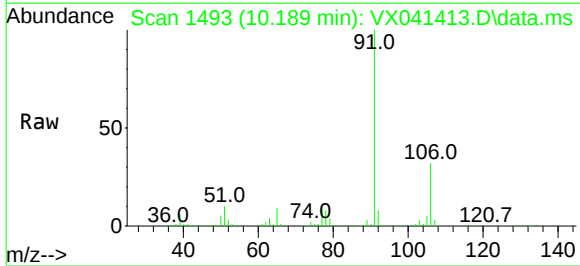
Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 91 Resp: 411796

Ion Ratio Lower Upper

91 100

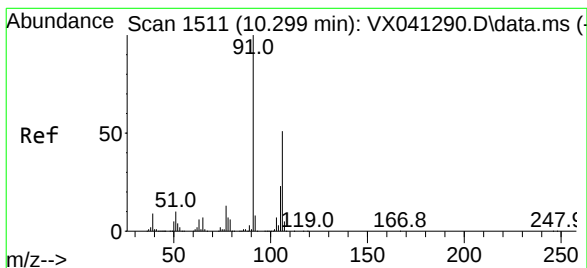
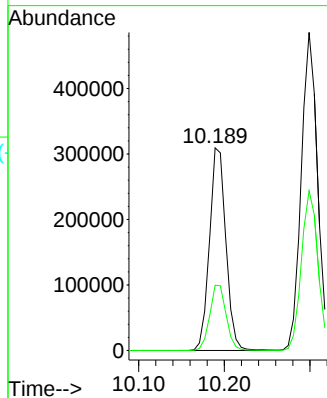
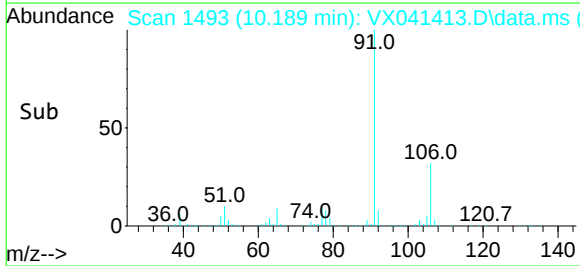
106 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#68

m/p-Xylenes

Concen: 106.060 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041413.D

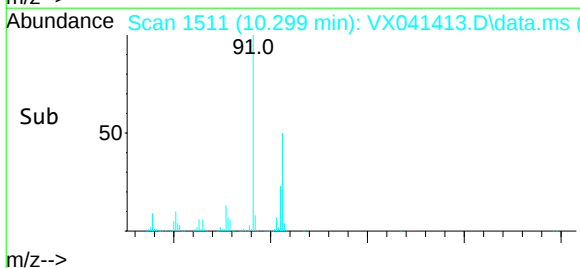
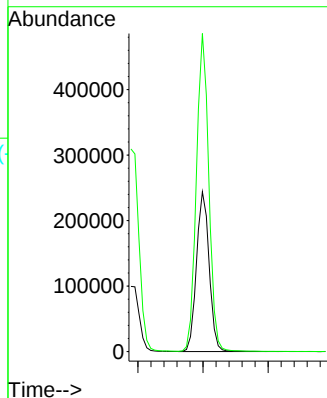
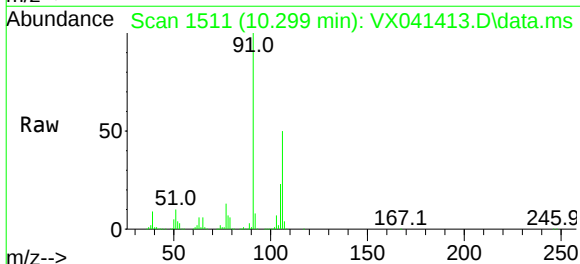
Acq: 08 May 2024 10:53

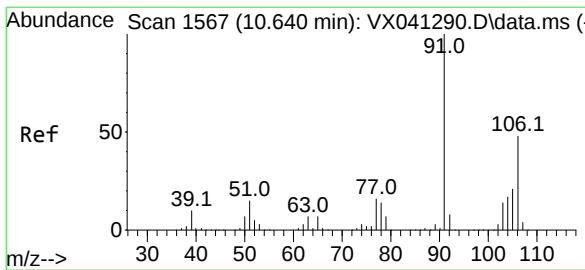
Tgt Ion:106 Resp: 329592

Ion Ratio Lower Upper

106 100

91 195.5 165.5 248.3





#69

o-Xylene

Concen: 55.324 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 164615

Ion Ratio Lower Upper

106 100

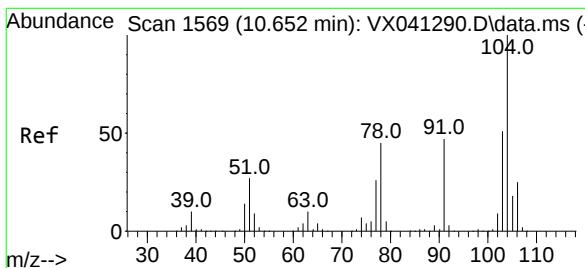
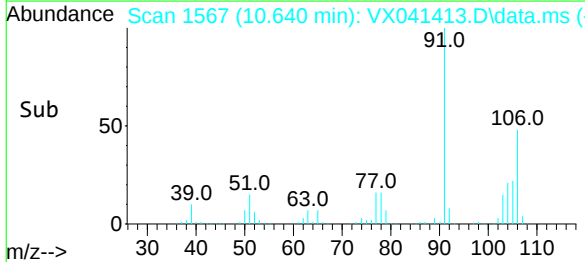
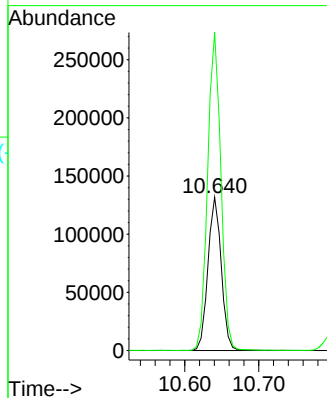
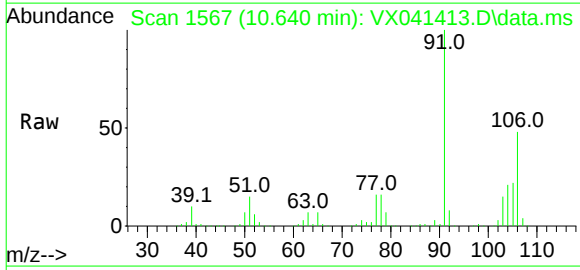
91 206.7 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#70

Styrene

Concen: 57.321 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

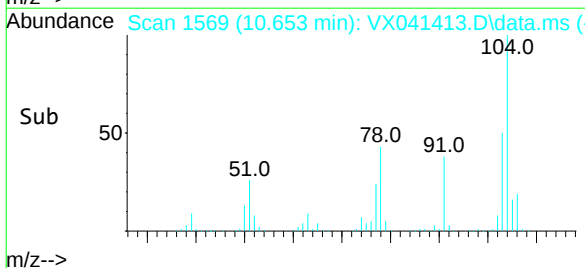
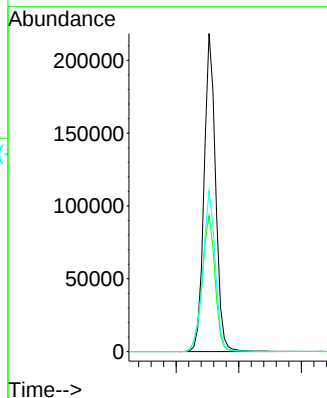
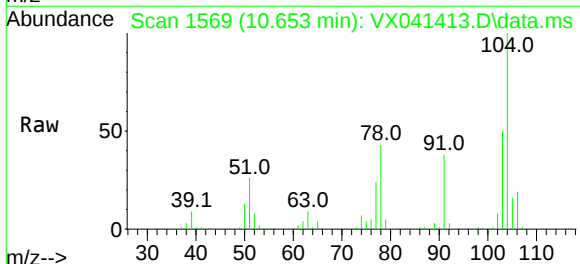
Tgt Ion:104 Resp: 279872

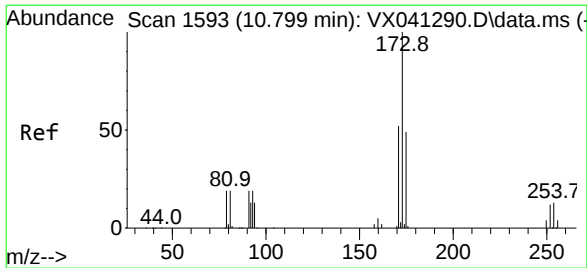
Ion Ratio Lower Upper

104 100

78 48.0 43.6 65.4

103 54.3 43.6 65.4





#71

Bromoform

Concen: 59.784 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

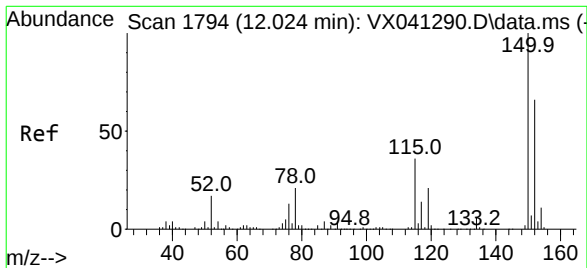
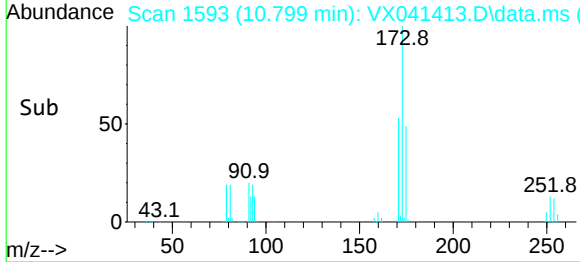
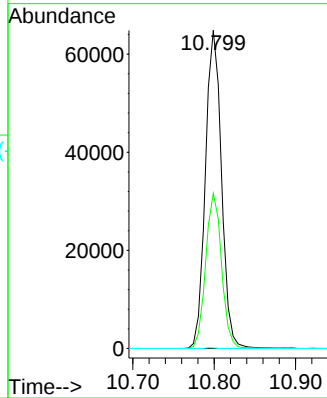
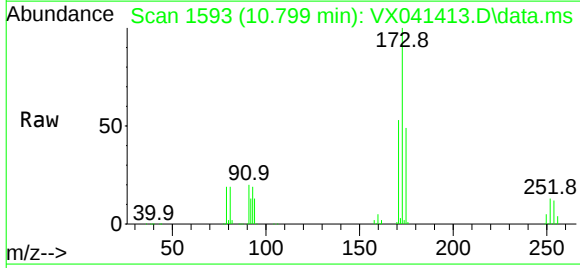
Tgt Ion:	173	Resp:	88919
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.1	72.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

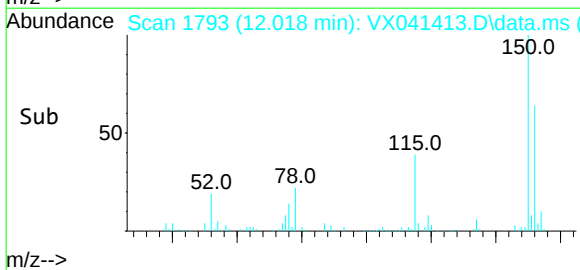
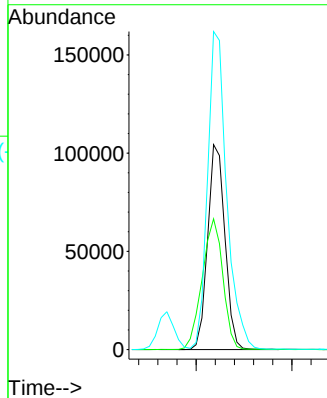
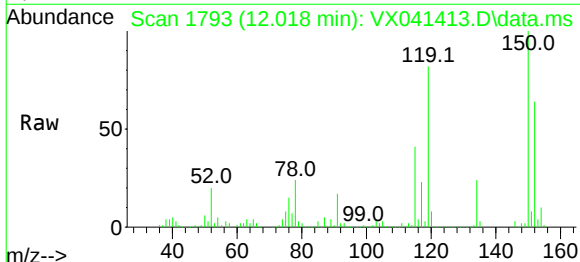
RT: 12.018 min Scan# 1793

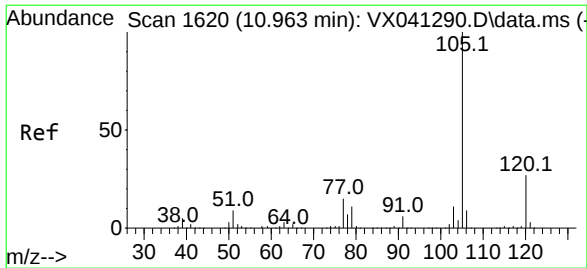
Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion:	152	Resp:	131065
Ion Ratio	Lower	Upper	
152	100		
115	76.3	43.3	129.9
150	171.3	0.0	345.0





#73

Isopropylbenzene

Concen: 53.119 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 424977

Ion Ratio Lower Upper

105 100

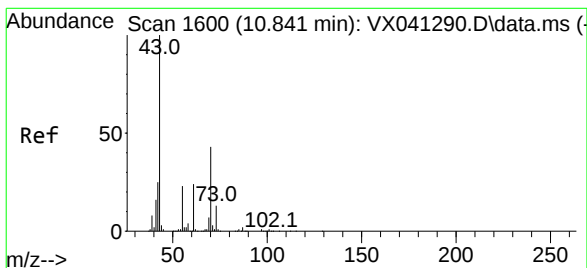
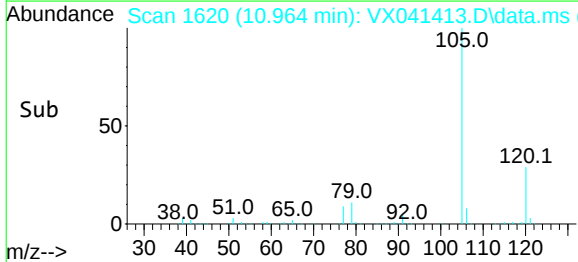
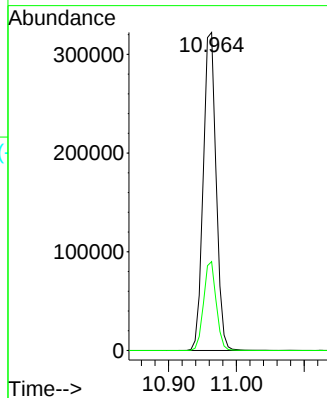
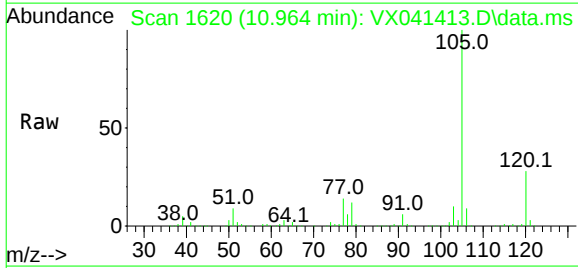
120 27.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#74

N-ethyl acetate

Concen: 57.864 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion: 43 Resp: 202254

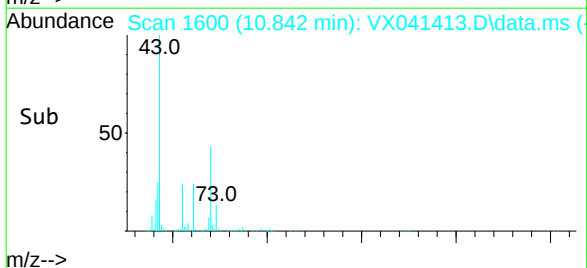
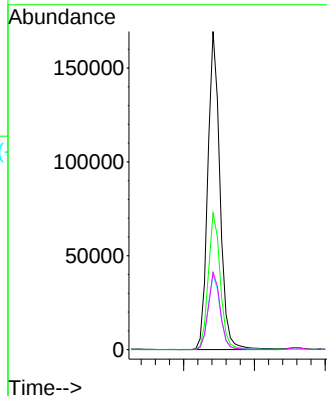
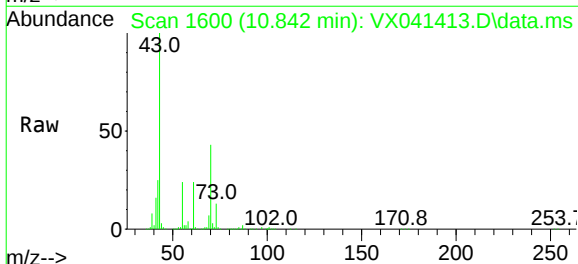
Ion Ratio Lower Upper

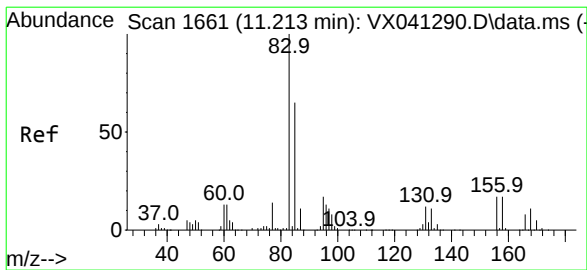
43 100

70 42.5 32.9 49.3

55 23.7 19.3 28.9

61 24.2 18.8 28.2





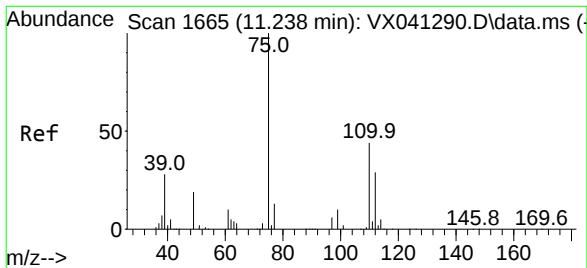
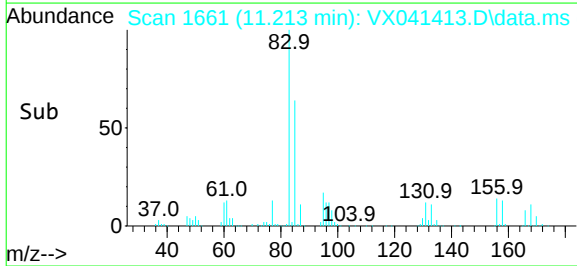
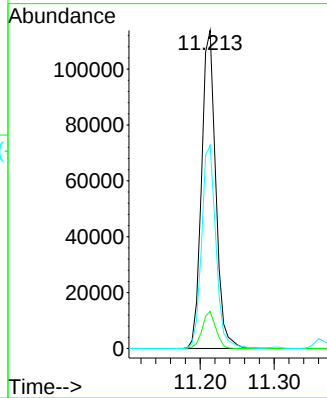
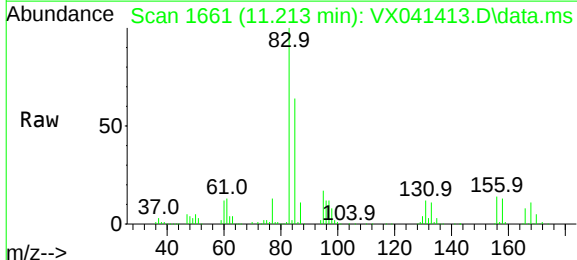
#75
1,1,2,2-Tetrachloroethane
Concen: 57.634 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	151093
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.8
85	64.6	32.0	96.2

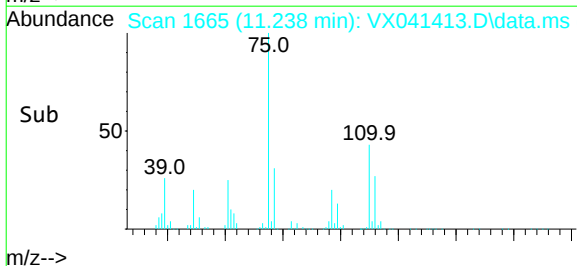
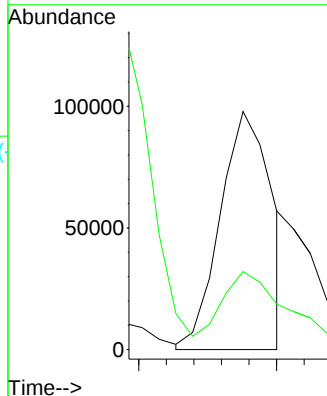
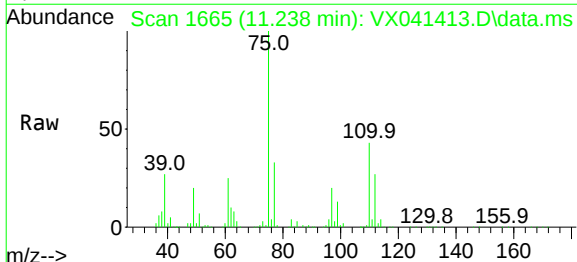
Manual Integrations
APPROVED

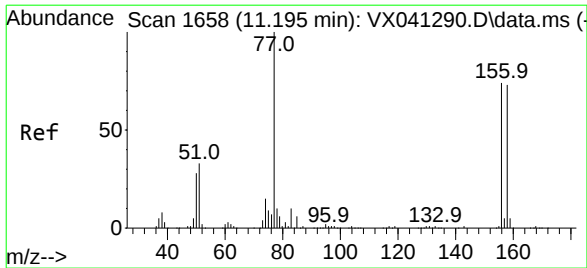
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#76
1,2,3-Trichloropropane
Concen: 59.273 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion:	75	Resp:	126604
Ion	Ratio	Lower	Upper
75	100		
77	43.3	19.1	57.5





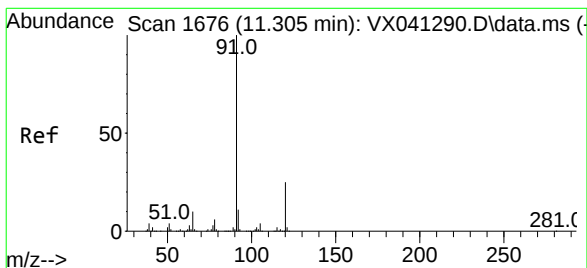
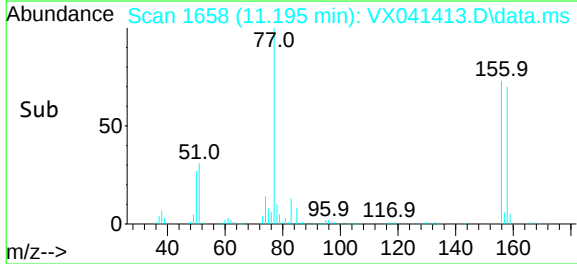
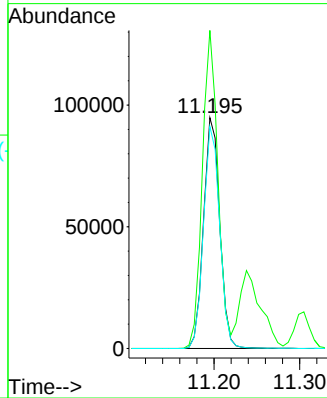
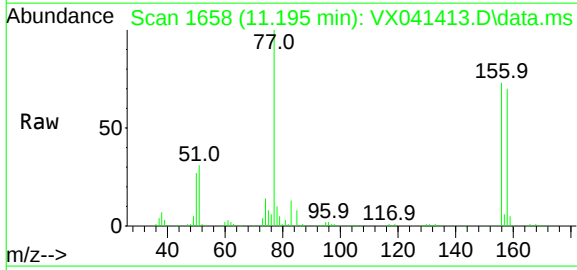
#77
Bromobenzene
Concen: 55.065 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 124339
Ion Ratio Lower Upper
156 100
77 132.5 88.4 265.3
158 96.1 48.0 144.0

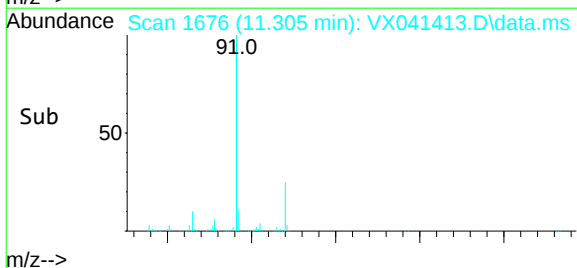
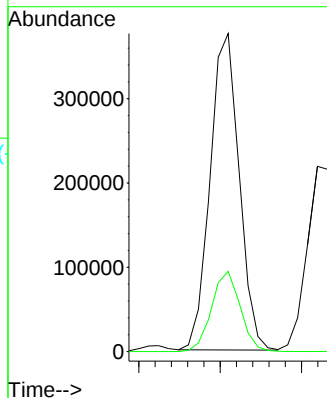
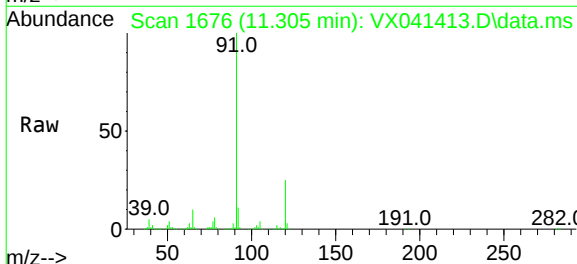
Manual Integrations
APPROVED

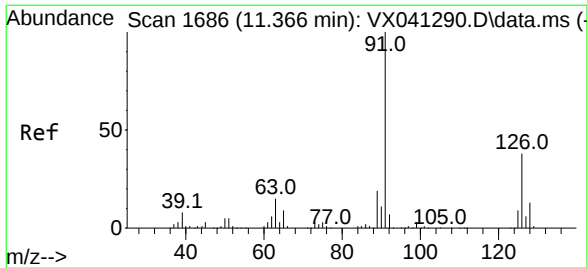
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#78
n-propylbenzene
Concen: 55.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion: 91 Resp: 466214
Ion Ratio Lower Upper
91 100
120 25.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.975 ug/l

RT: 11.360 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 286857

Ion Ratio Lower Upper

91 100

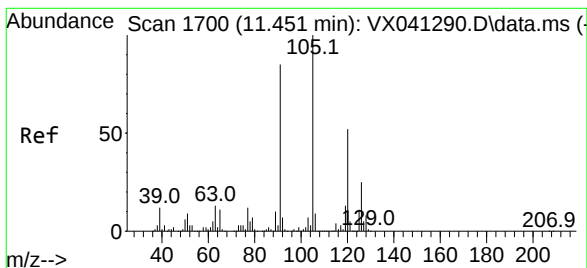
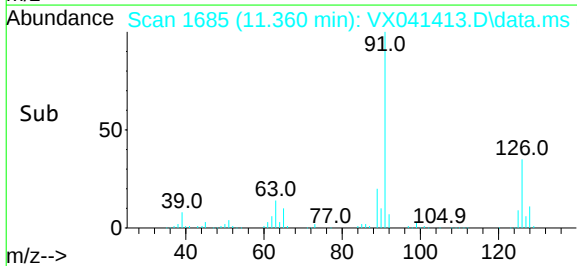
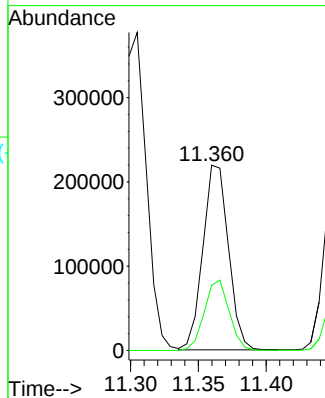
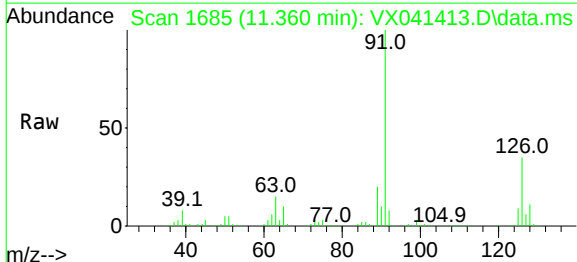
126 37.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#80

1,3,5-Trimethylbenzene

Concen: 54.654 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041413.D

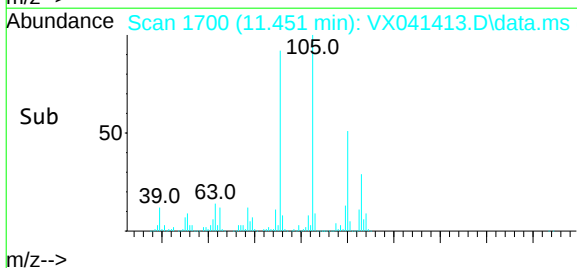
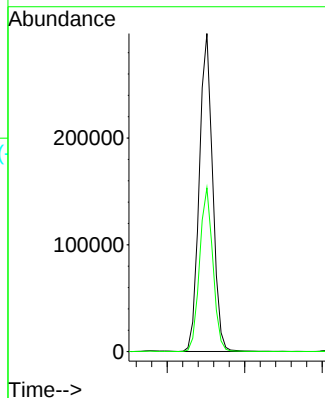
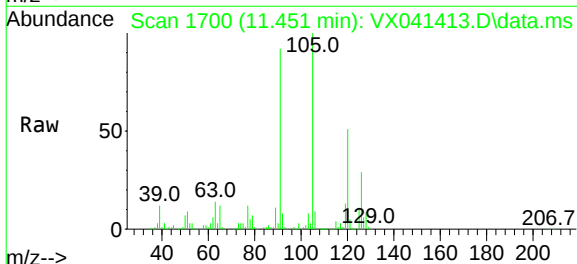
Acq: 08 May 2024 10:53

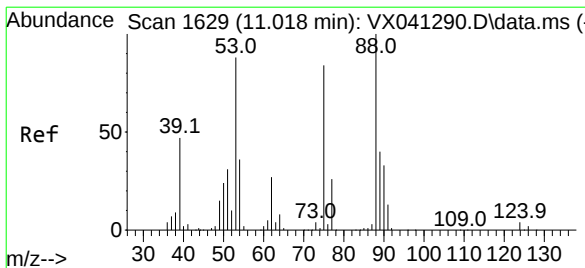
Tgt Ion:105 Resp: 356449

Ion Ratio Lower Upper

105 100

120 51.2 24.1 72.3





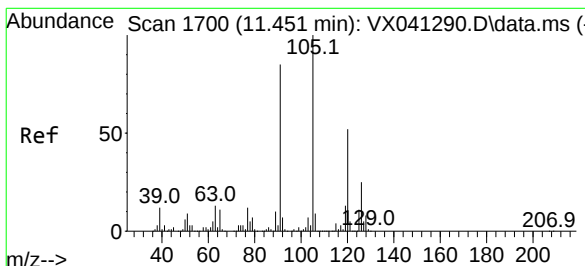
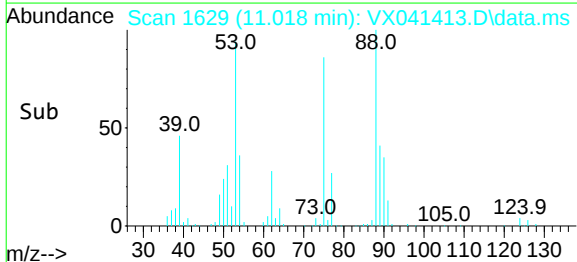
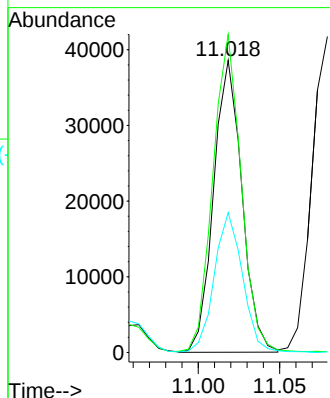
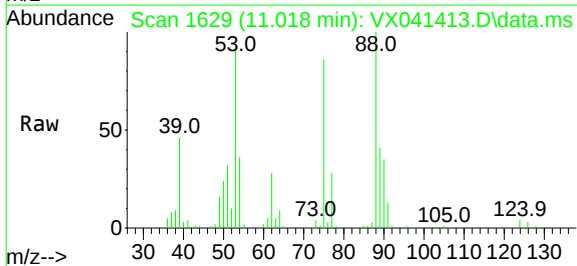
#81
trans-1,4-Dichloro-2-butene
Concen: 59.500 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.6	90.5	135.7
89	47.9	36.9	55.3

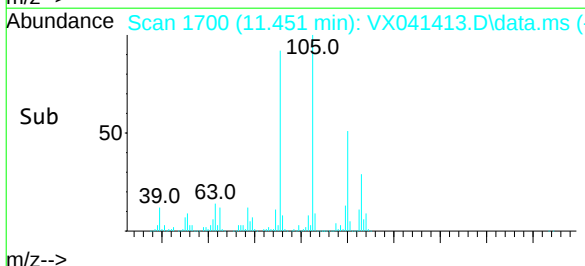
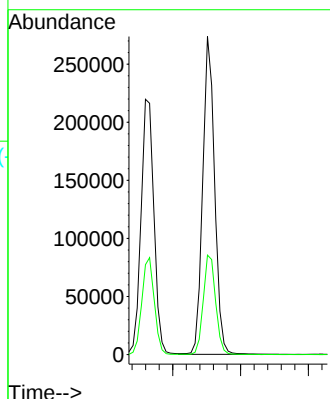
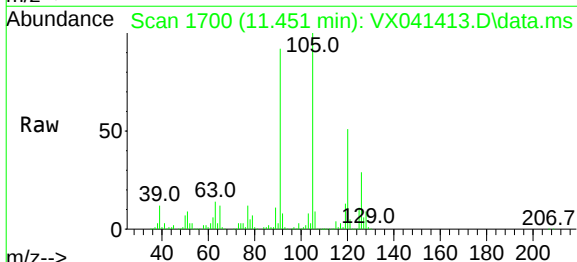
Manual Integrations
APPROVED

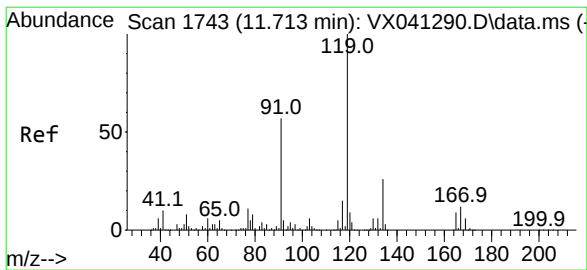
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#82
4-Chlorotoluene
Concen: 54.194 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	14.2	42.6





#83

tert-Butylbenzene

Concen: 54.446 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

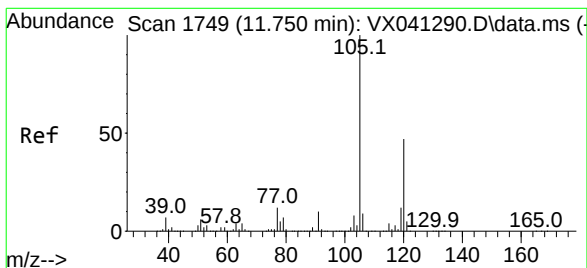
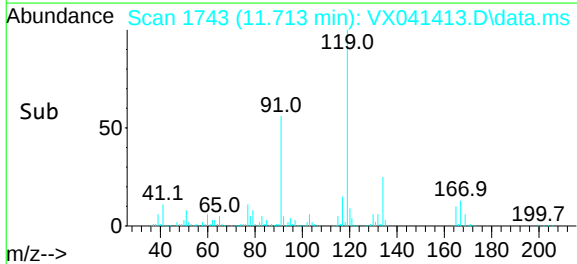
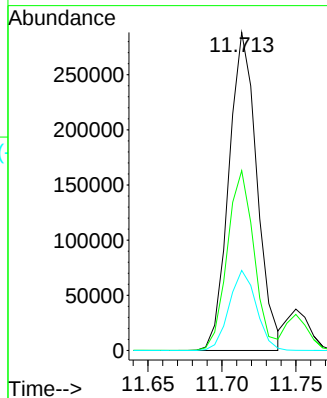
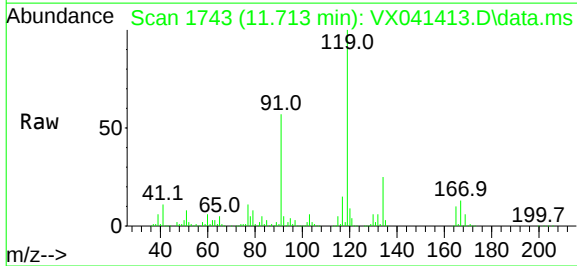
Tgt Ion:	119	Resp:	380254
Ion	Ratio	Lower	Upper
119	100		
91	54.3	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#84

1,2,4-Trimethylbenzene

Concen: 55.499 ug/l

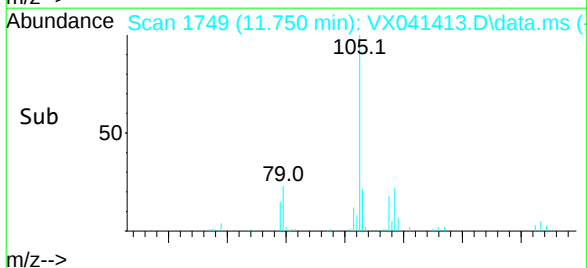
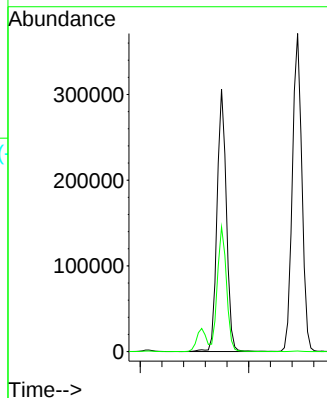
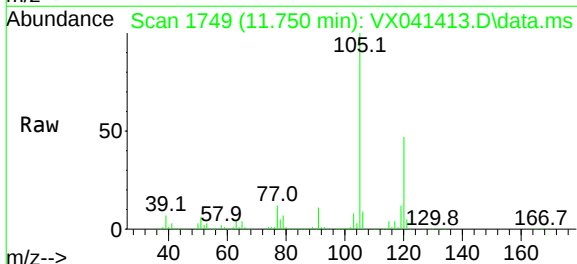
RT: 11.750 min Scan# 1749

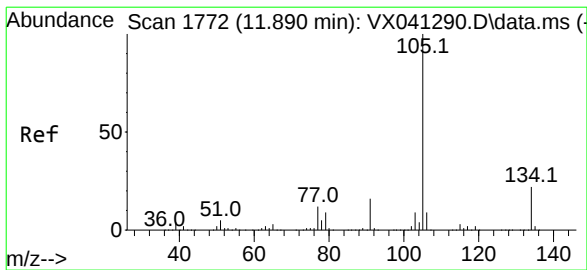
Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion:	105	Resp:	364203
Ion	Ratio	Lower	Upper
105	100		
120	47.0	21.2	63.6





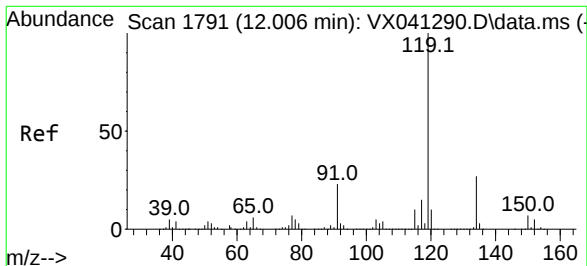
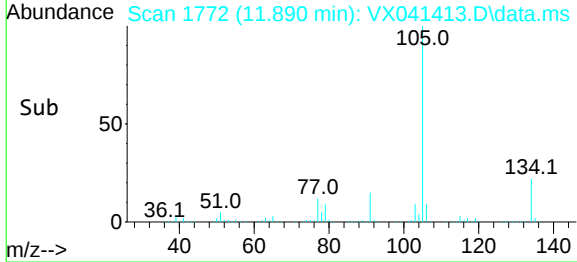
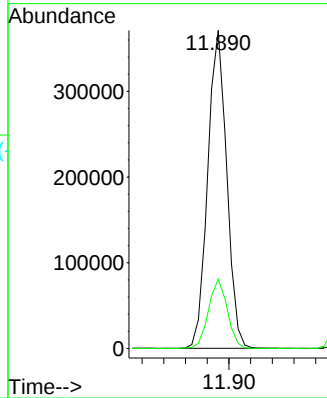
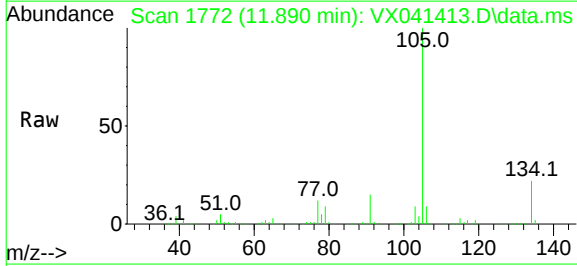
#85
sec-Butylbenzene
Concen: 56.239 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 450121
Ion Ratio Lower Upper
105 100
134 21.6 9.8 29.4

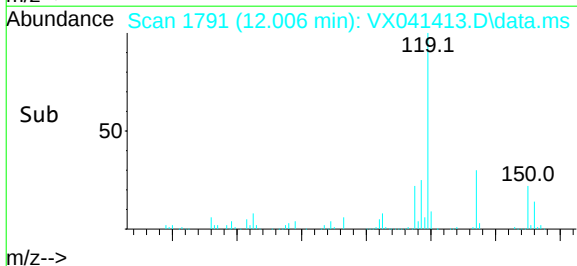
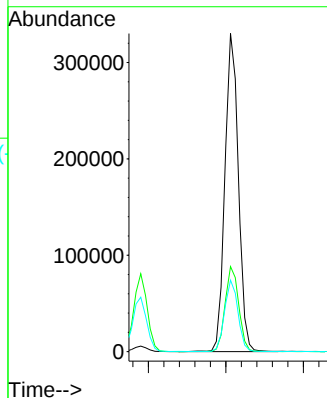
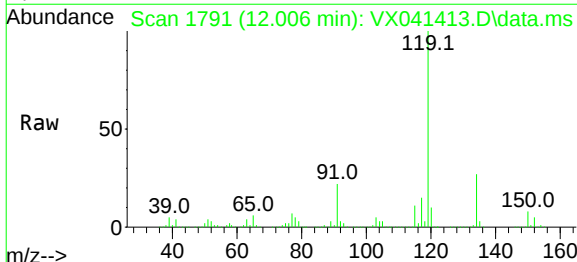
Manual Integrations
APPROVED

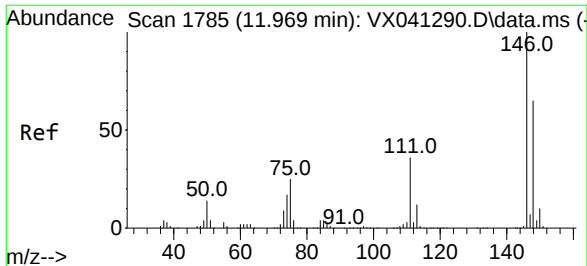
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#86
p-Isopropyltoluene
Concen: 55.367 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion:119 Resp: 397993
Ion Ratio Lower Upper
119 100
134 27.0 12.8 38.3
91 22.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.887 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

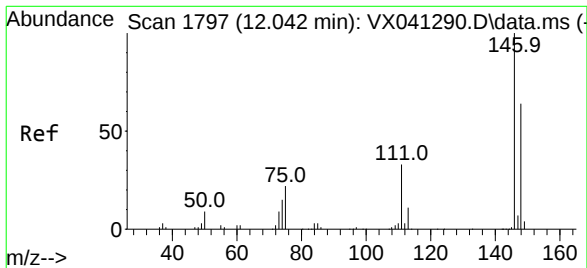
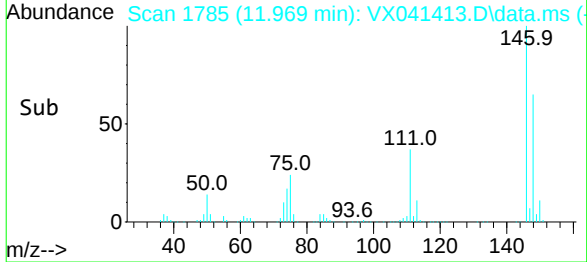
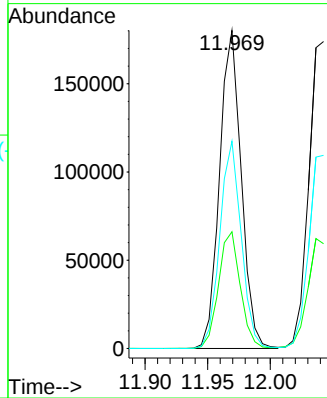
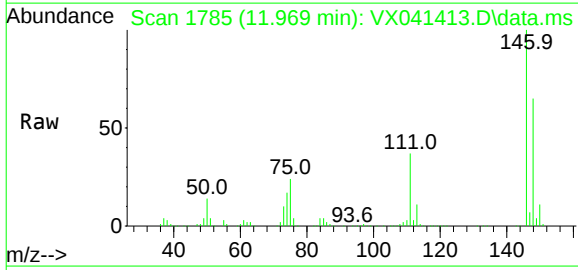
Tgt Ion:	146	Resp:	217064
Ion Ratio	Lower	Upper	
146	100		
111	37.0	22.1	66.1
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#88

1,4-Dichlorobenzene

Concen: 52.770 ug/l

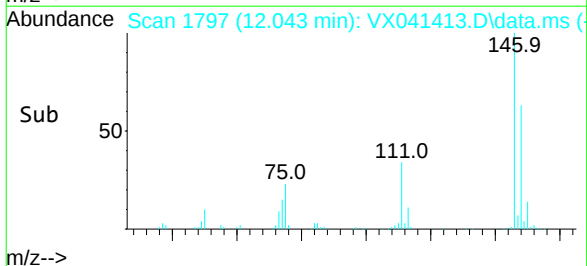
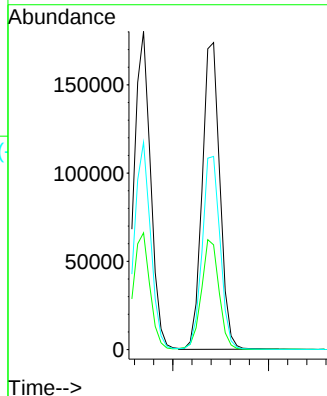
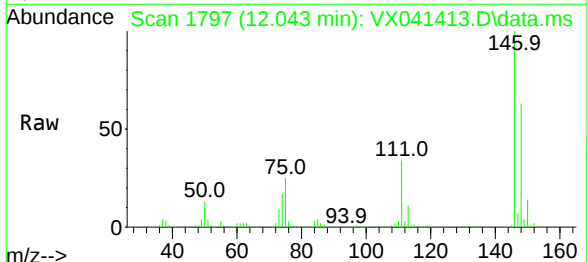
RT: 12.043 min Scan# 1797

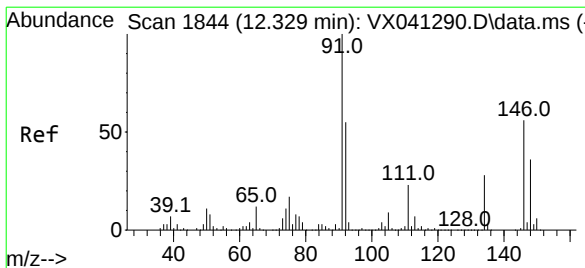
Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Tgt Ion:	146	Resp:	223143
Ion Ratio	Lower	Upper	
146	100		
111	35.6	21.3	63.7
148	64.0	31.8	95.4





#89

n-Butylbenzene

Concen: 55.964 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 323480

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

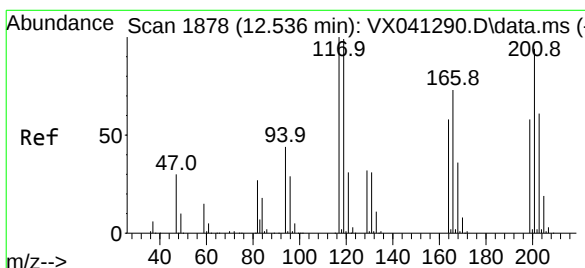
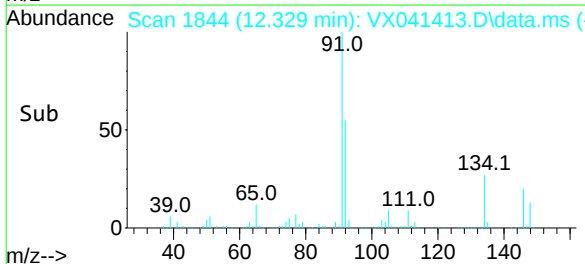
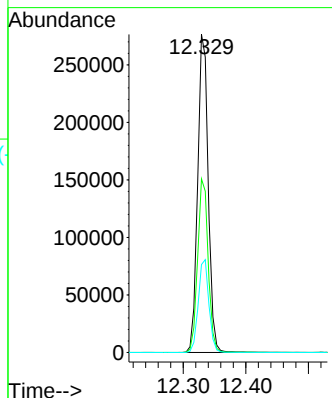
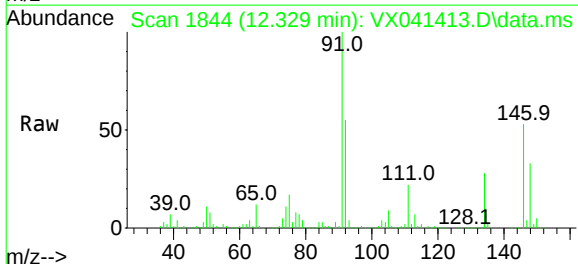
134 29.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#90

Hexachloroethane

Concen: 57.191 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041413.D

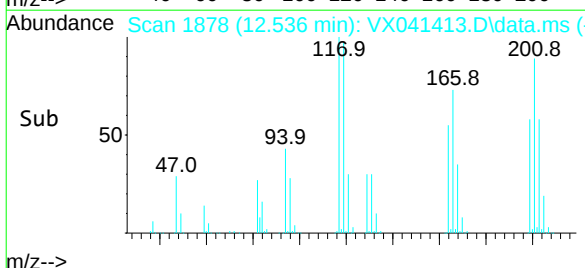
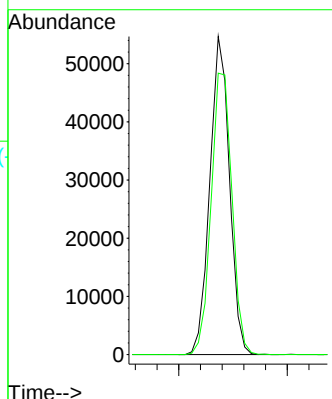
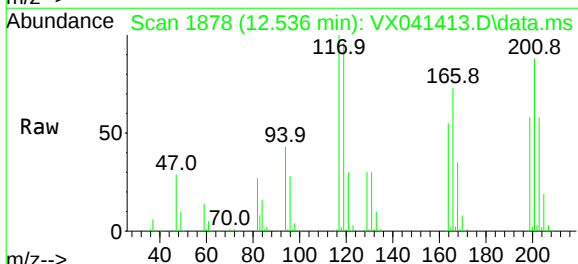
Acq: 08 May 2024 10:53

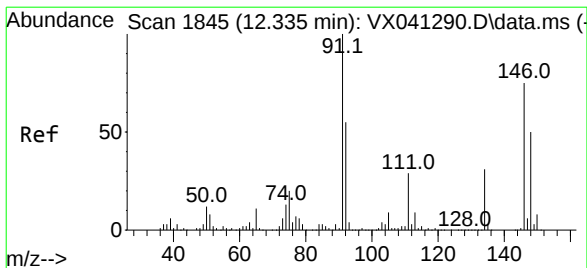
Tgt Ion:117 Resp: 68751

Ion Ratio Lower Upper

117 100

201 93.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 52.456 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 227402

Ion Ratio Lower Upper

146 100

111 38.6 22.4 67.0

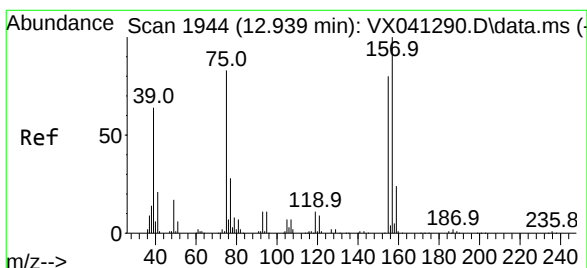
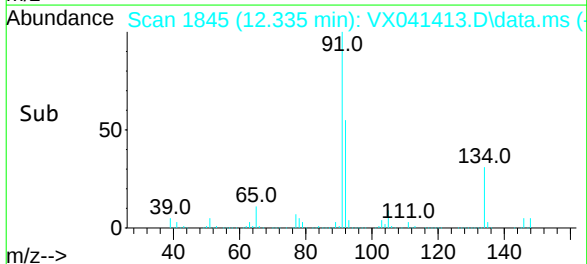
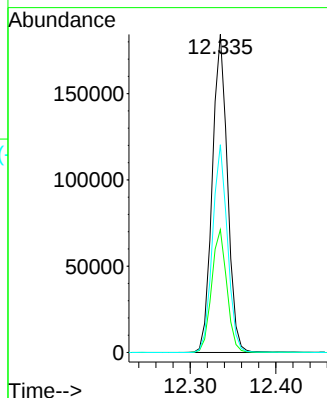
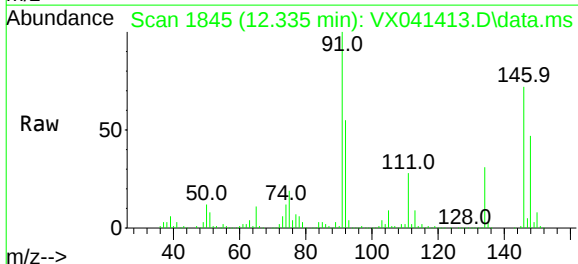
148 64.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.791 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

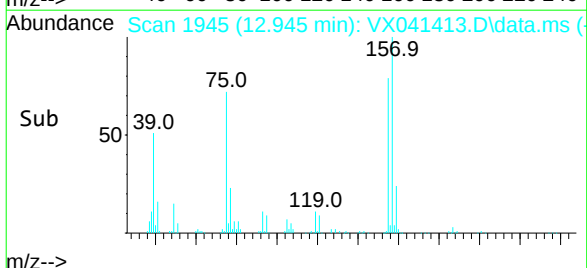
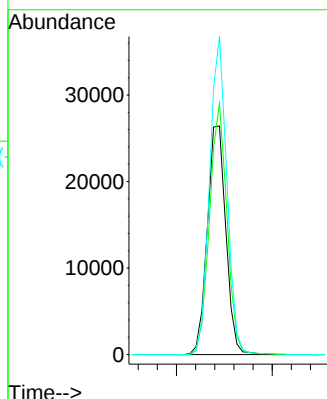
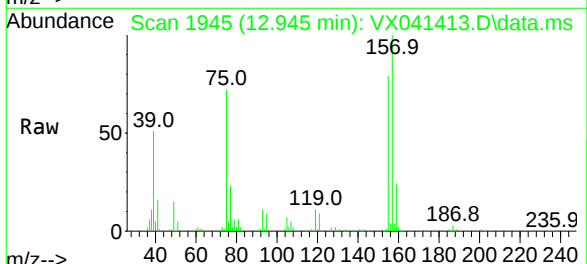
Tgt Ion: 75 Resp: 35615

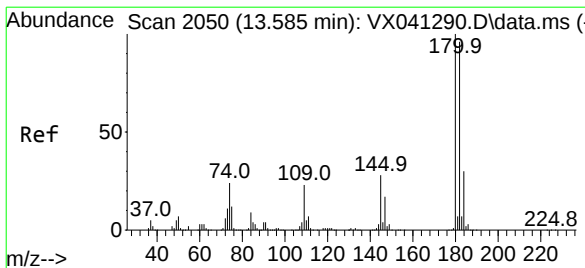
Ion Ratio Lower Upper

75 100

155 103.0 36.1 108.5

157 129.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.064 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 154736

Ion Ratio Lower Upper

180 100

182 96.0 48.3 144.8

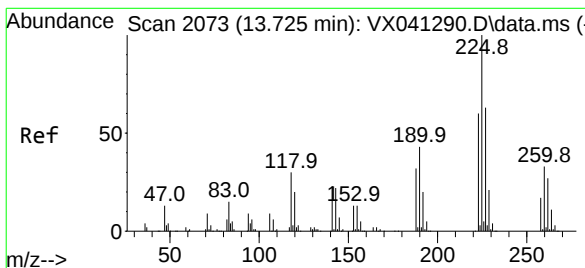
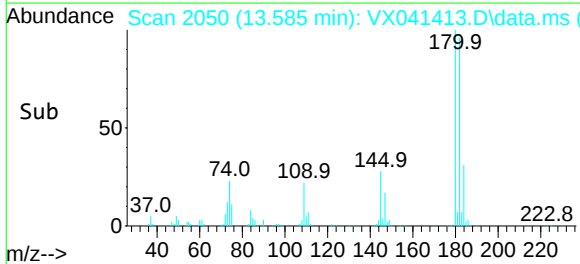
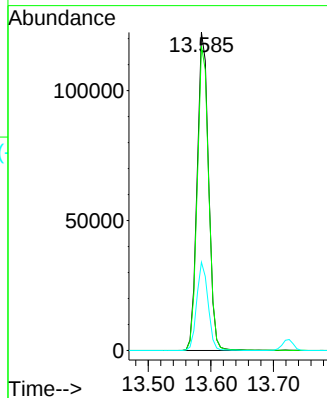
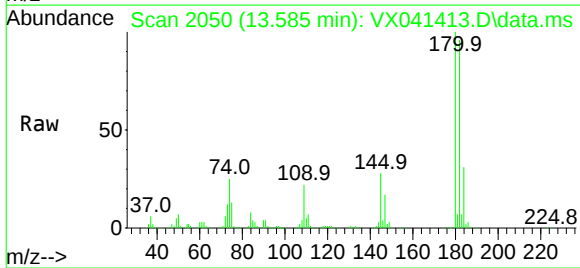
145 27.4 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#94

Hexachlorobutadiene

Concen: 48.365 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041413.D

Acq: 08 May 2024 10:53

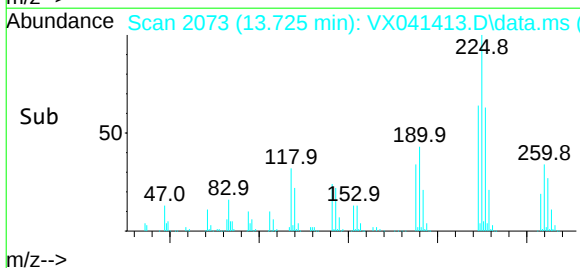
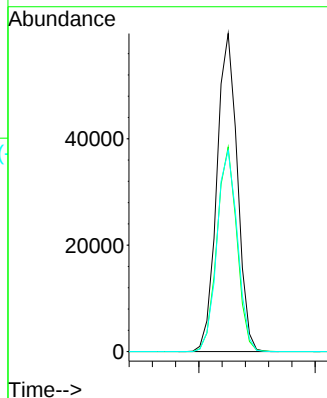
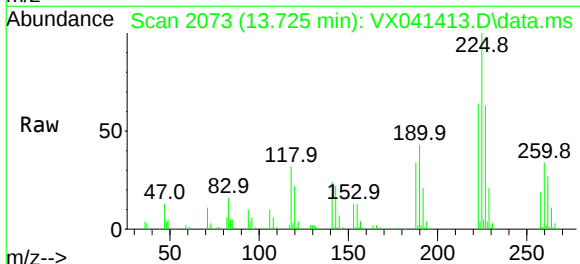
Tgt Ion:225 Resp: 73187

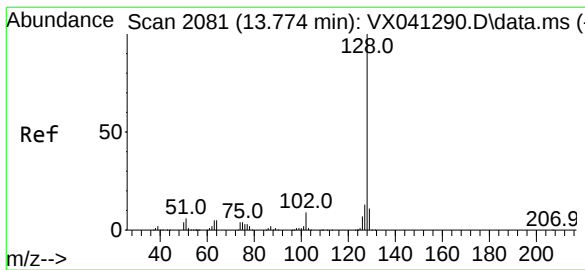
Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

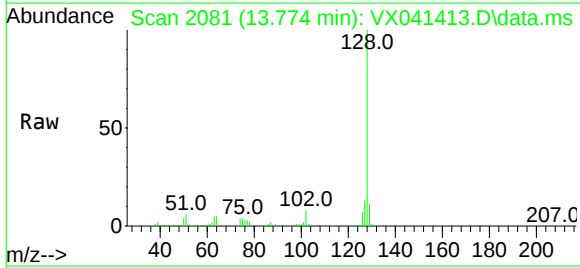
227 63.3 32.5 97.5





#95
Naphthalene
Concen: 53.124 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

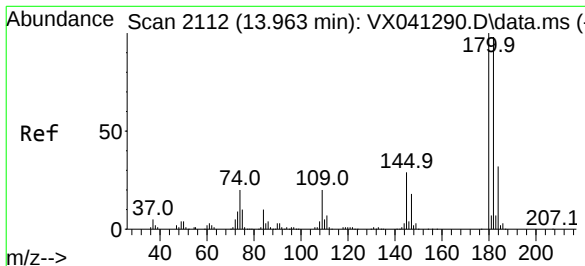
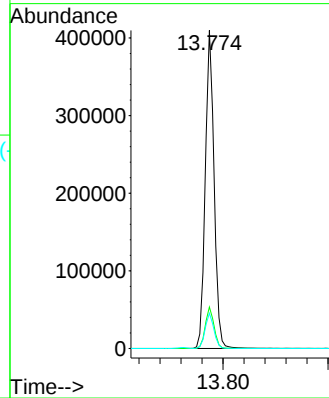
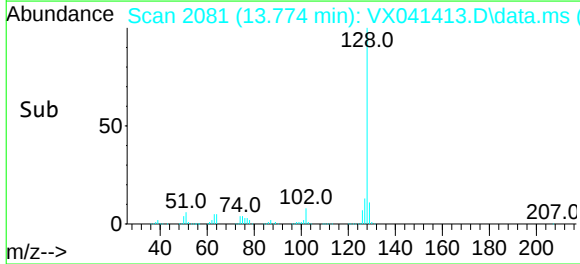
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 477048
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.604 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041413.D
Acq: 08 May 2024 10:53

Tgt Ion:180 Resp: 144330
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 29.2 17.8 53.5

