

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044400.D
 Acq On : 18 Dec 2024 23:45
 Operator : JC/MD
 Sample : VX1218WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 00:57:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	131489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117407	50.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.860%
35) Dibromofluoromethane	5.385	113	88345	53.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.560%
50) Toluene-d8	8.646	98	304301	54.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.800%
62) 4-Bromofluorobenzene	11.079	95	103580	53.484	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.960%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	40248	19.796	ug/l 96
3) Chloromethane	1.294	50	41313	21.249	ug/l 98
4) Vinyl Chloride	1.373	62	41966	20.719	ug/l 99
5) Bromomethane	1.593	94	28440	19.791	ug/l 100
6) Chloroethane	1.666	64	31035	24.606	ug/l 99
7) Trichlorofluoromethane	1.873	101	68247	17.211	ug/l 95
8) Diethyl Ether	2.135	74	24976	18.452	ug/l 96
9) 1,1,2-Trichlorotrifluo...	2.312	101	30387	18.938	ug/l 98
10) Methyl Iodide	2.440	142	44872	21.218	ug/l 95
11) Tert butyl alcohol	2.983	59	34054	104.808	ug/l 97
12) 1,1-Dichloroethene	2.306	96	30613	20.771	ug/l 97
13) Acrolein	2.233	56	51069	108.581	ug/l 99
14) Allyl chloride	2.654	41	49376	20.114	ug/l 97
15) Acrylonitrile	3.068	53	91533	101.699	ug/l 98
16) Acetone	2.385	43	84699	90.116	ug/l 100
17) Carbon Disulfide	2.501	76	57400	20.489	ug/l 100
18) Methyl Acetate	2.709	43	50961	21.029	ug/l 99
19) Methyl tert-butyl Ether	3.117	73	111810	19.440	ug/l 100
20) Methylene Chloride	2.782	84	36404	20.621	ug/l 96
21) trans-1,2-Dichloroethene	3.087	96	32822	20.954	ug/l 92
22) Diisopropyl ether	3.763	45	111530	20.176	ug/l 94
23) Vinyl Acetate	3.721	43	466211	103.736	ug/l 99
24) 1,1-Dichloroethane	3.605	63	63217	20.516	ug/l 98
25) 2-Butanone	4.568	43	131291	98.258	ug/l 98
26) 2,2-Dichloropropane	4.470	77	39912	15.944	ug/l 97
27) cis-1,2-Dichloroethene	4.489	96	39433	19.822	ug/l 96
28) Bromochloromethane	4.891	49	29464	19.500	ug/l 97
29) Tetrahydrofuran	5.013	42	86914	101.339	ug/l 98
30) Chloroform	5.098	83	67381	19.463	ug/l 98
31) Cyclohexane	5.464	56	49856	20.037	ug/l 92
32) 1,1,1-Trichloroethane	5.379	97	57391	19.970	ug/l 96
36) 1,1-Dichloropropene	5.684	75	42006	19.781	ug/l 96
37) Ethyl Acetate	4.720	43	49829	18.983	ug/l 96
38) Carbon Tetrachloride	5.678	117	46039	20.138	ug/l 97
39) Methylcyclohexane	7.378	83	47523	18.720	ug/l 97
40) Benzene	6.037	78	134563	20.871	ug/l 95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27438	19.685	ug/l	98
42) 1,2-Dichloroethane	6.086	62	53069	19.981	ug/l	99
43) Isopropyl Acetate	6.342	43	81496	19.863	ug/l	98
44) Trichloroethene	7.122	130	33636	20.920	ug/l	99
45) 1,2-Dichloropropane	7.433	63	33167	20.135	ug/l	99
46) Dibromomethane	7.580	93	26708	20.900	ug/l	98
47) Bromodichloromethane	7.823	83	45270	20.512	ug/l	95
48) Methyl methacrylate	7.695	41	38957	19.561	ug/l	96
49) 1,4-Dioxane	7.665	88	9472m	286.855	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	265562	100.667	ug/l	99
52) Toluene	8.720	92	81053	20.019	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	42105	18.984	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	47418	19.732	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	33082	20.567	ug/l	96
56) Ethyl methacrylate	9.116	69	51523	20.290	ug/l	96
57) 1,3-Dichloropropane	9.305	76	57111	20.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	122966	96.011	ug/l	99
59) 2-Hexanone	9.433	43	195200	102.228	ug/l	100
60) Dibromochloromethane	9.518	129	31101	19.543	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35292	21.555	ug/l	95
64) Tetrachloroethene	9.274	164	28464	20.802	ug/l	97
65) Chlorobenzene	10.079	112	88294	19.987	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	29340	20.666	ug/l	99
67) Ethyl Benzene	10.195	91	153272	20.081	ug/l	97
68) m/p-Xylenes	10.299	106	115256	41.152	ug/l	95
69) o-Xylene	10.640	106	56000	19.761	ug/l	98
70) Styrene	10.652	104	93827	20.654	ug/l	96
71) Bromoform	10.799	173	17746	19.885	ug/l #	99
73) Isopropylbenzene	10.963	105	145263	20.743	ug/l	99
74) N-amyl acetate	10.841	43	64691	19.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	51576	21.204	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40283m	19.722	ug/l	
77) Bromobenzene	11.195	156	34854	20.524	ug/l	97
78) n-propylbenzene	11.305	91	160552	20.742	ug/l	100
79) 2-Chlorotoluene	11.366	91	101383	20.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118548	20.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10981	19.266	ug/l	94
82) 4-Chlorotoluene	11.451	91	112960	20.378	ug/l	99
83) tert-Butylbenzene	11.713	119	119874	20.886	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	119643	20.977	ug/l	100
85) sec-Butylbenzene	11.890	105	145511	20.884	ug/l	99
86) p-Isopropyltoluene	12.006	119	120321	20.748	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	61932	20.878	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	61979	20.325	ug/l	98
89) n-Butylbenzene	12.335	91	93988	19.274	ug/l	99
90) Hexachloroethane	12.536	117	16462	19.446	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	62705	20.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8191	17.347	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	33471	19.821	ug/l	98
94) Hexachlorobutadiene	13.725	225	13803	20.322	ug/l	94
95) Naphthalene	13.774	128	125104	18.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36004	20.102	ug/l	97

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Instrument :
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ClientSampleId :
VX1218WBSD02

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 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

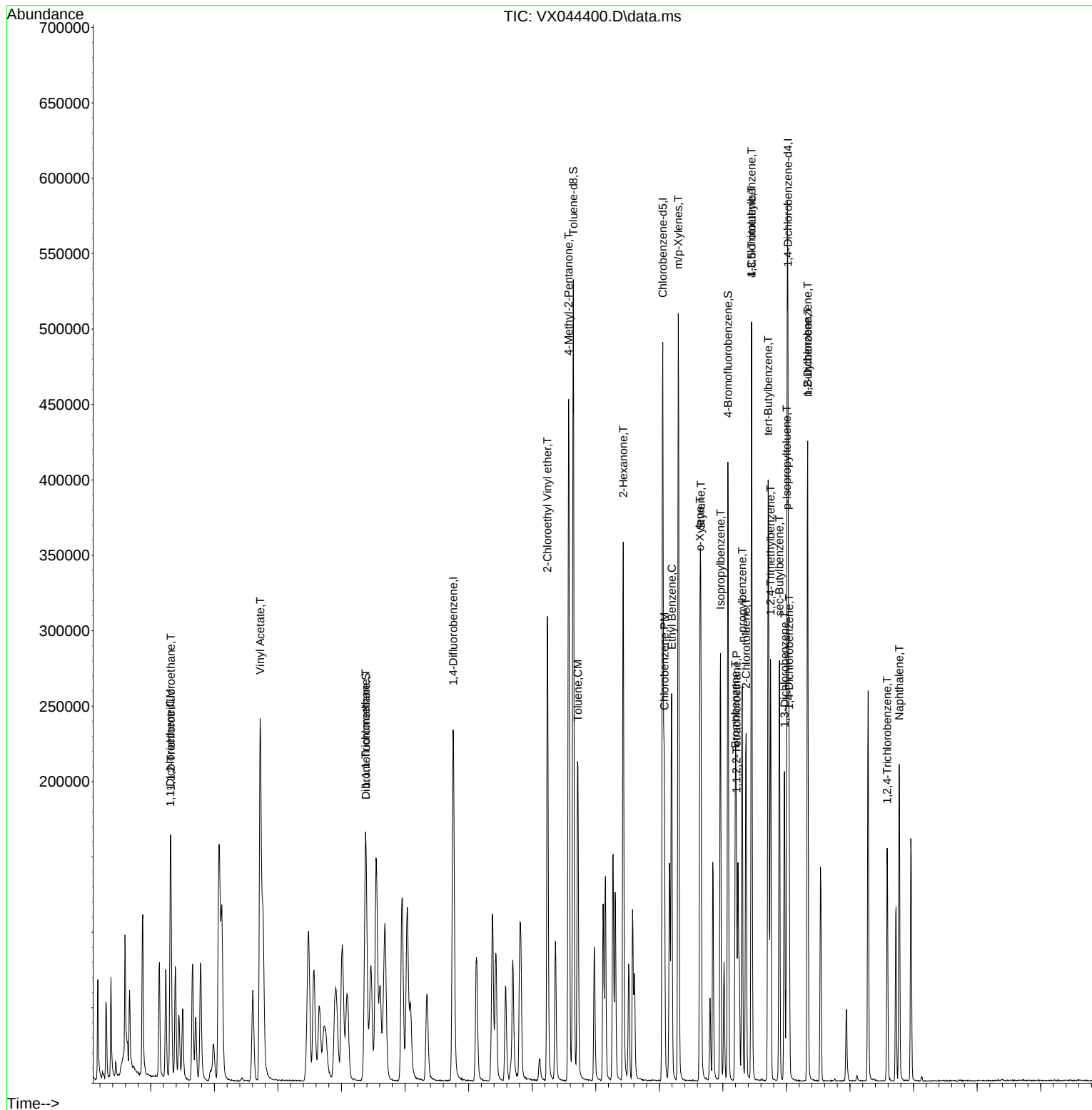
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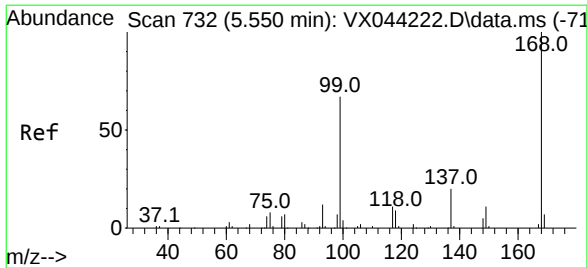
Instrument :
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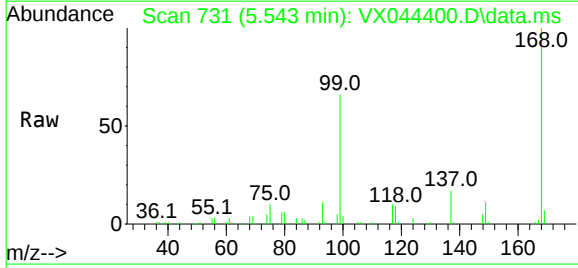
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 73
Delta R.T. -0.007 min
Lab File: VX044400.D
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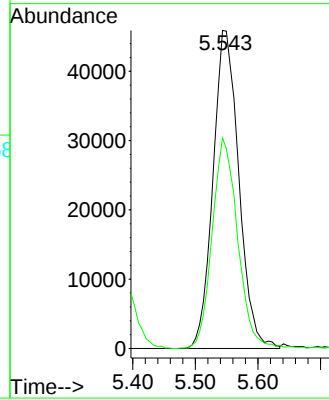
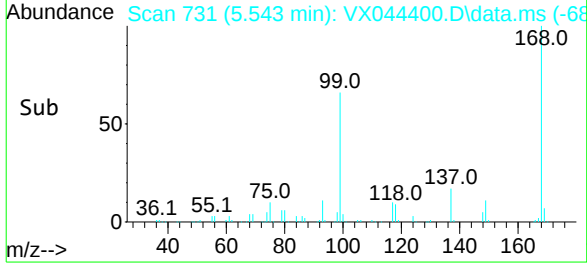
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion:168 Resp: 131489
Ion Ratio Lower Upper
168 100
99 66.1 53.4 80.0

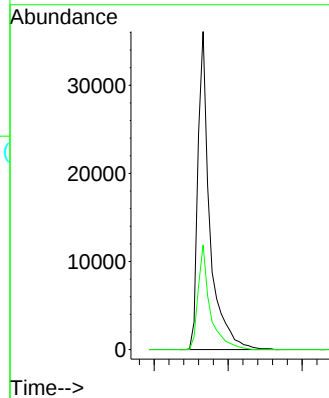
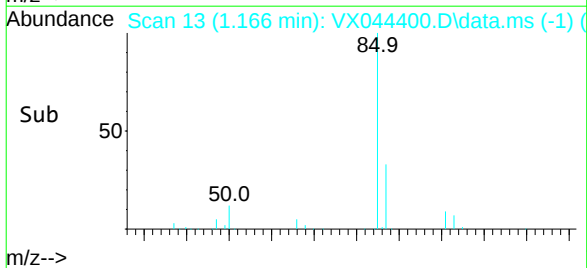
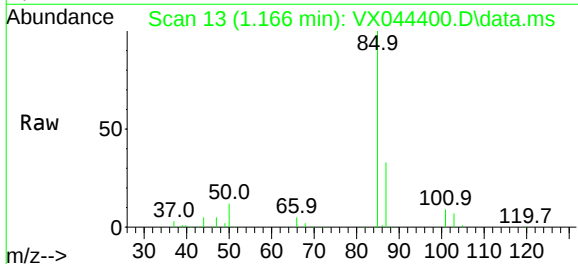
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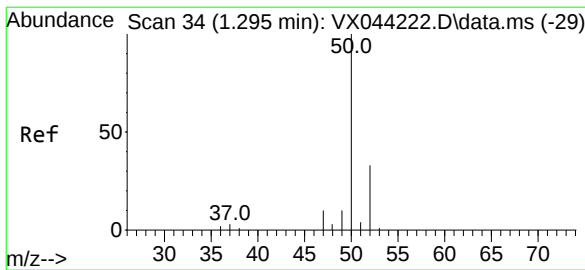
Reviewed By :John Carlone 12/20/2024
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#2
Dichlorodifluoromethane
Concen: 19.796 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 85 Resp: 40248
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.4





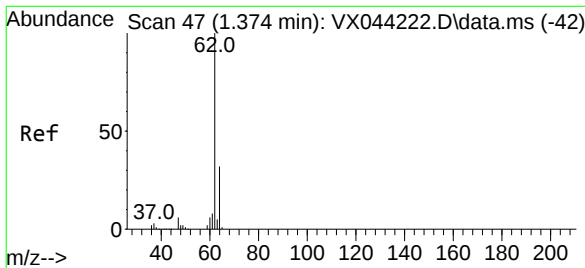
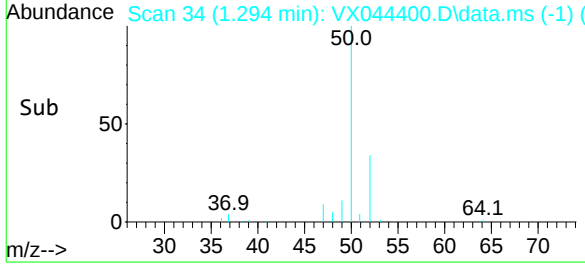
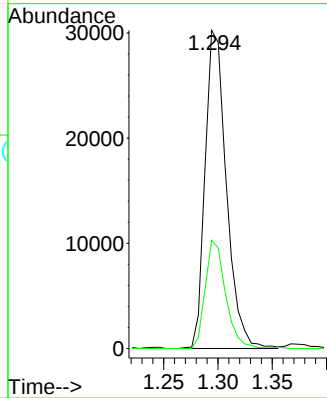
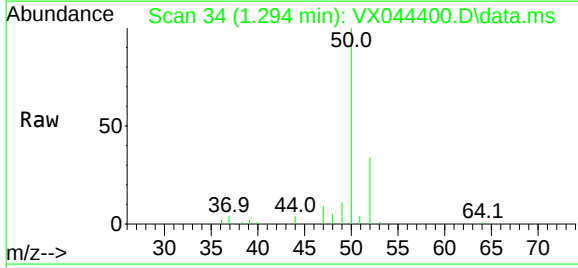
#3
Chloromethane
Concen: 21.249 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 50 Resp: 41313
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

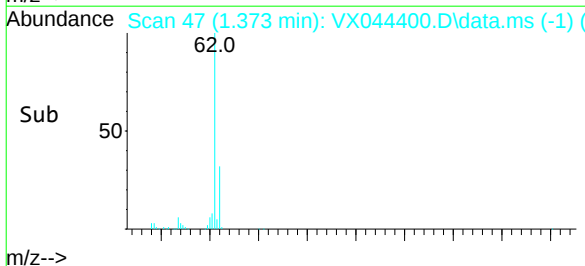
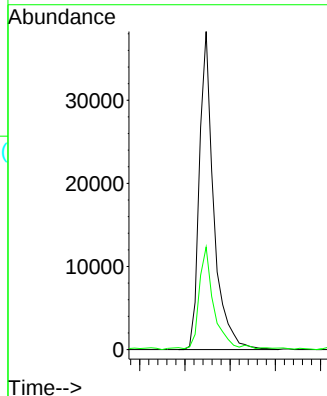
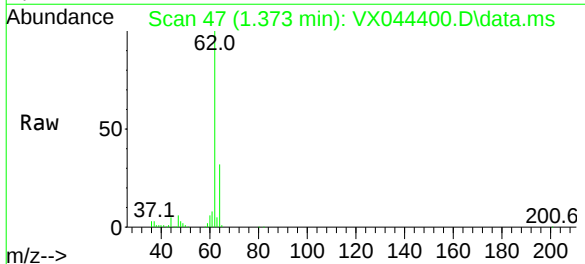
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 20.719 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

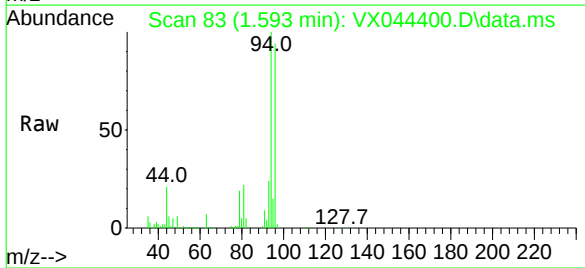
Tgt Ion: 62 Resp: 41966
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5
Bromomethane
Concen: 19.791 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

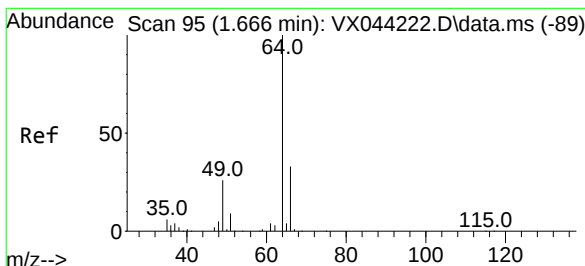
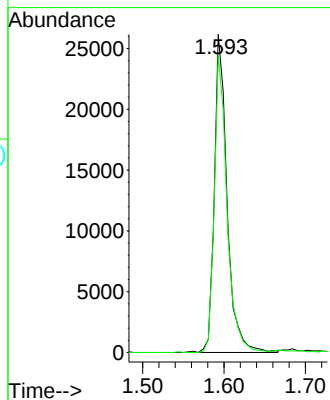
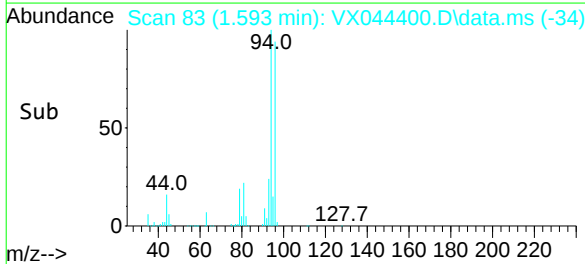
Instrument :
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Tgt Ion: 94 Resp: 28440
Ion Ratio Lower Upper
94 100
96 93.4 74.9 112.3

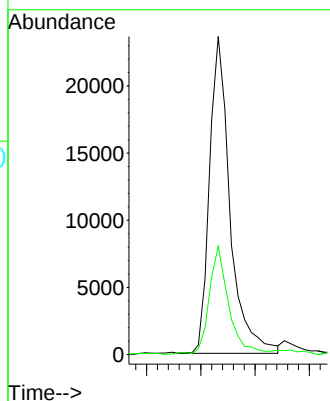
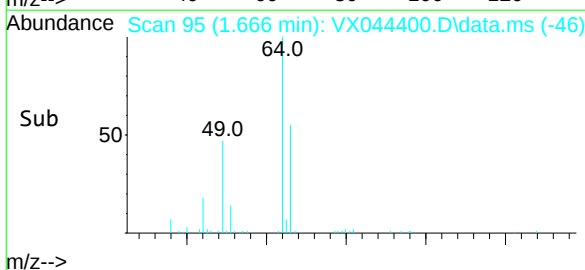
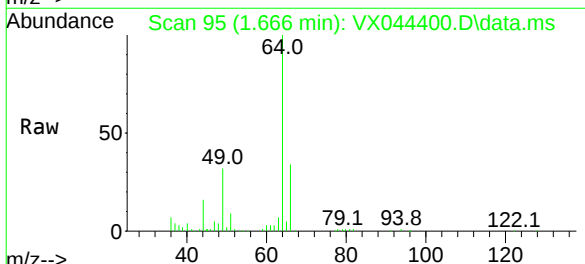
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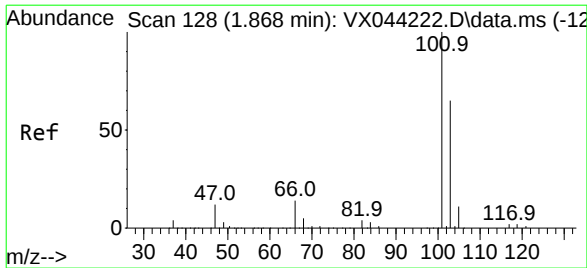
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#6
Chloroethane
Concen: 24.606 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 64 Resp: 31035
Ion Ratio Lower Upper
64 100
66 33.6 26.6 39.8





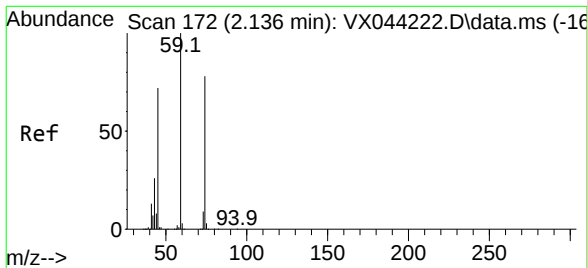
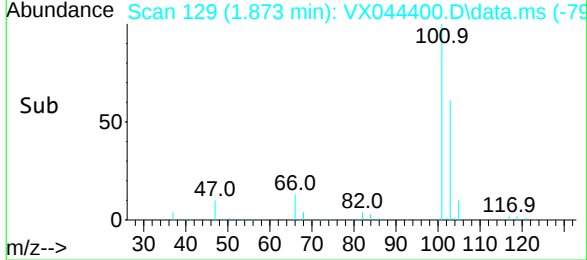
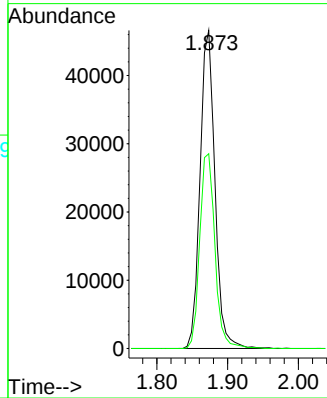
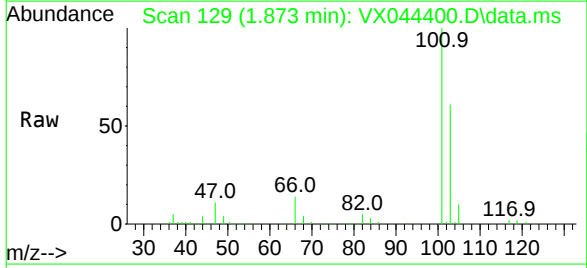
Trichlorofluoromethane
 Concen: 17.211 ug/l
 RT: 1.873 min Scan# 128
 Delta R.T. 0.006 min
 Lab File: VX044400.D
 Acq: 18 Dec 2024 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD02

Tgt Ion:101 Resp: 68247
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.8 77.8

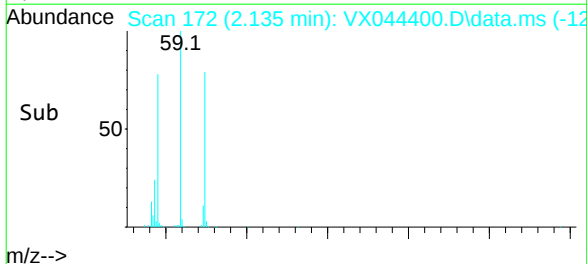
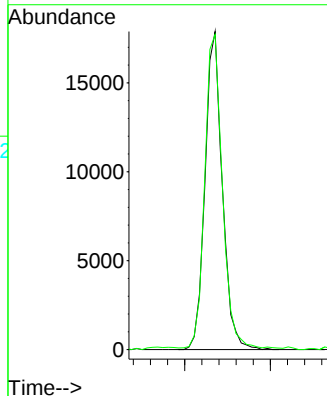
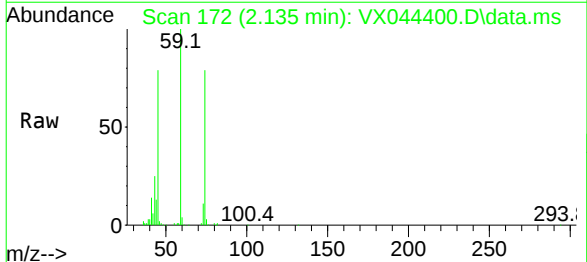
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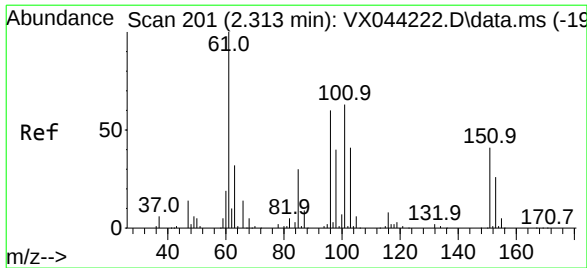
Reviewed By :John Carlone 12/20/2024
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Diethyl Ether
 Concen: 18.452 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.000 min
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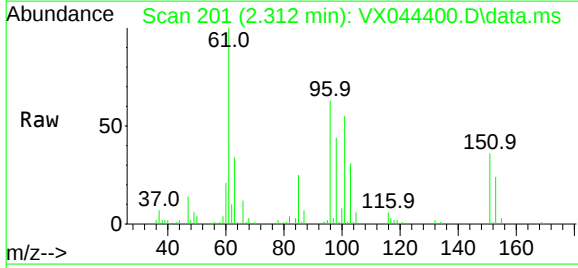
Tgt Ion: 74 Resp: 24976
 Ion Ratio Lower Upper
 74 100
 45 100.6 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.938 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

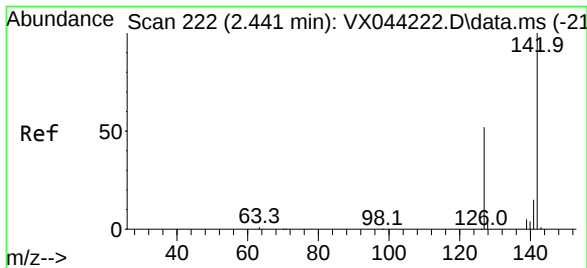
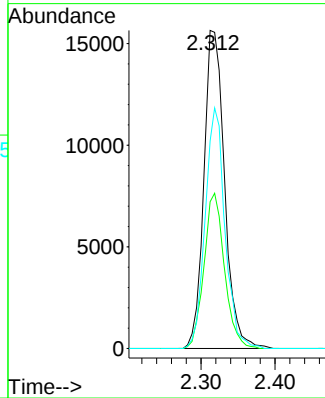
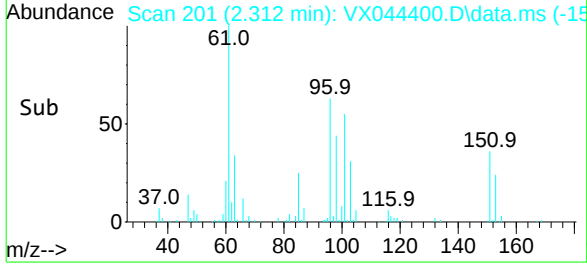
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion	101	Resp	30387
Ion Ratio	Lower	Upper	
101	100		
85	48.4	38.5	57.7
151	72.4	55.8	83.6

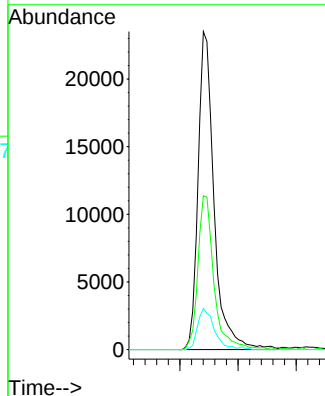
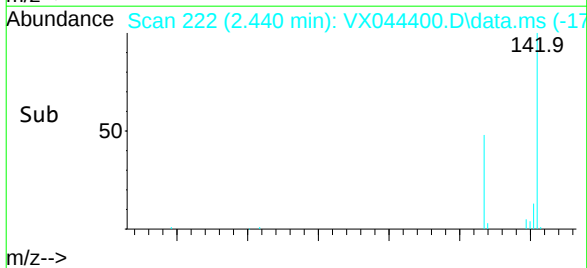
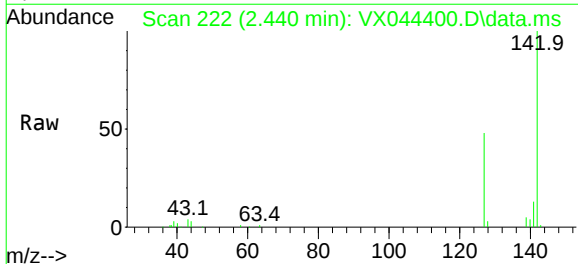
Manual Integrations
APPROVED

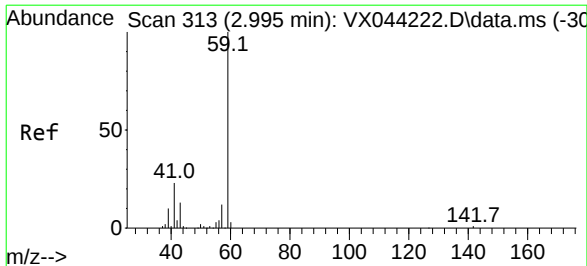
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Methyl Iodide
Concen: 21.218 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion	142	Resp	44872
Ion Ratio	Lower	Upper	
142	100		
127	48.6	41.8	62.8
141	13.5	11.5	17.3





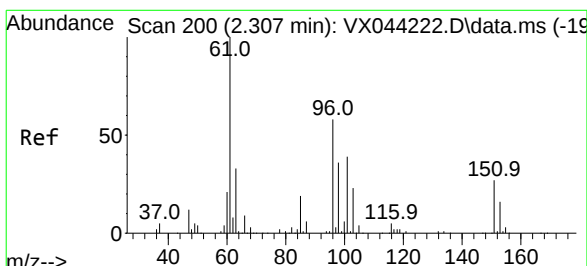
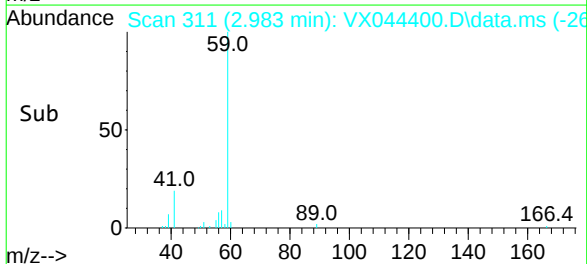
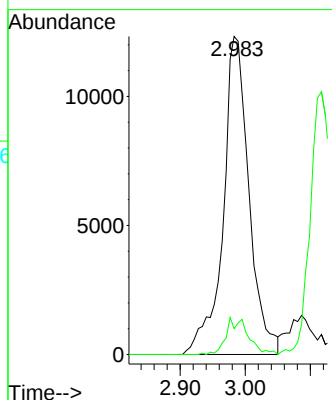
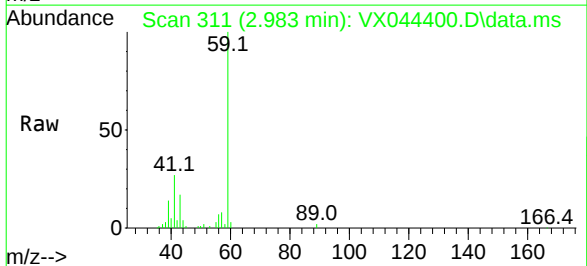
#11
Tert butyl alcohol
Concen: 104.808 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.013 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 59 Resp: 34054
Ion Ratio Lower Upper
59 100
57 9.8 8.8 13.2

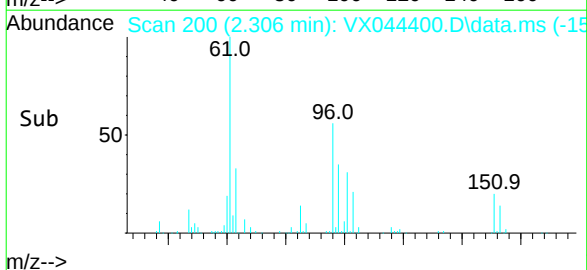
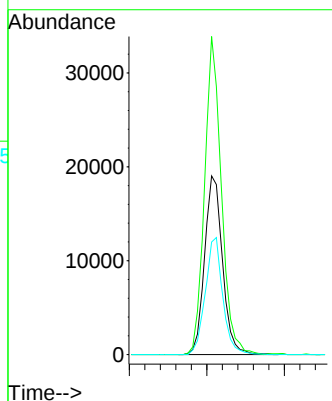
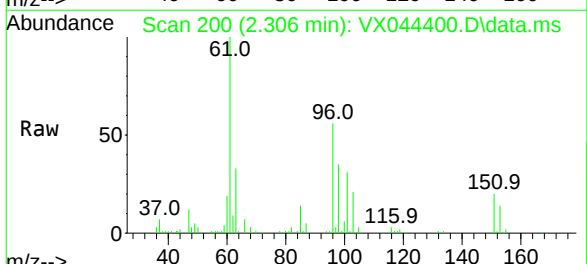
Manual Integrations
APPROVED

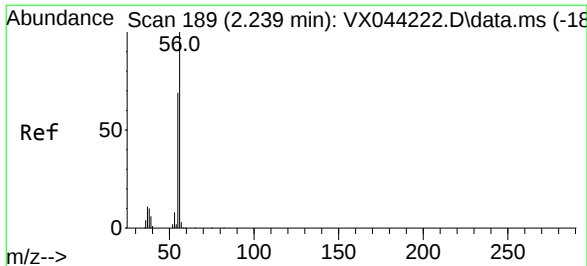
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1-Dichloroethene
Concen: 20.771 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 96 Resp: 30613
Ion Ratio Lower Upper
96 100
61 178.0 138.0 207.0
98 63.0 50.0 75.0





#13

Acrolein

Concen: 108.581 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion: 56 Resp: 51069

Ion Ratio Lower Upper

56 100

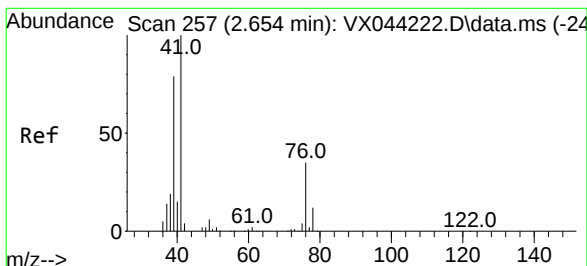
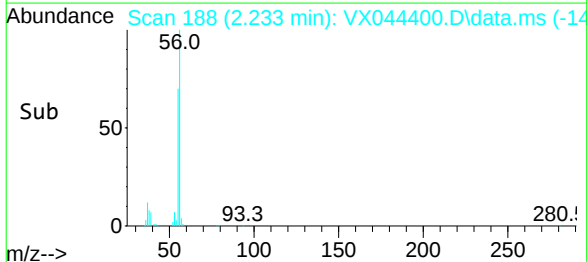
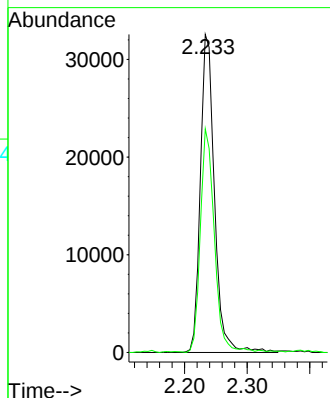
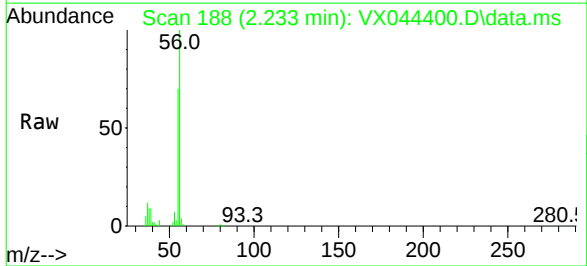
55 69.6 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Allyl chloride

Concen: 20.114 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

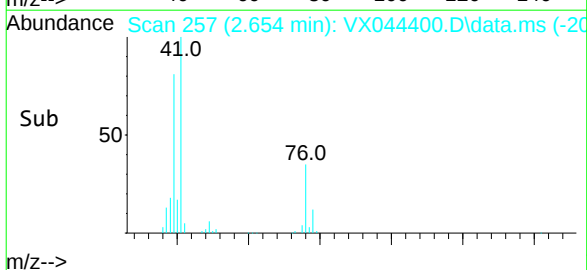
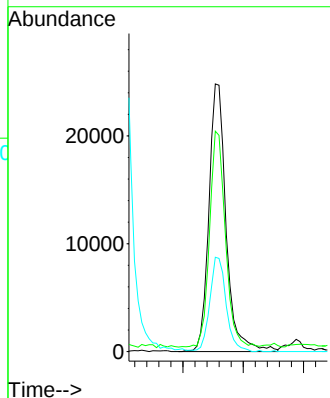
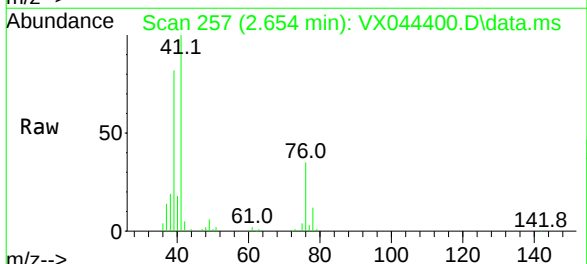
Tgt Ion: 41 Resp: 49376

Ion Ratio Lower Upper

41 100

39 73.9 61.9 92.9

76 33.3 27.4 41.2





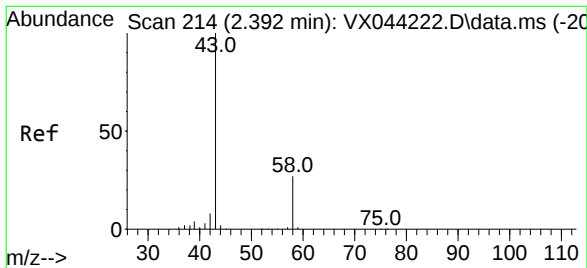
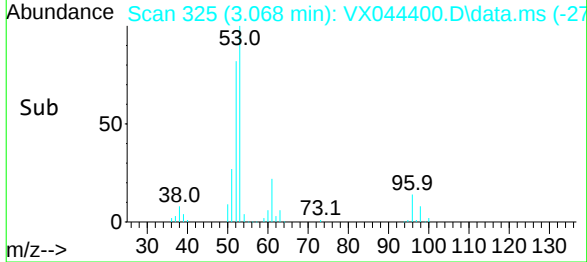
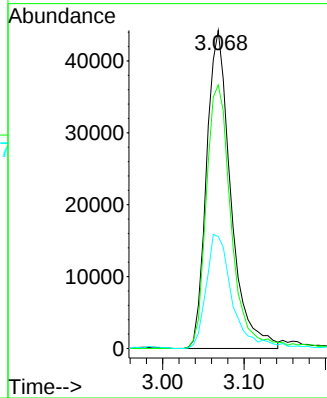
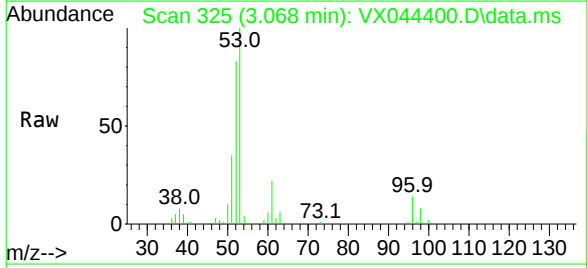
#15
Acrylonitrile
Concen: 101.699 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	86.5	67.4	101.0
51	38.9	30.3	45.5

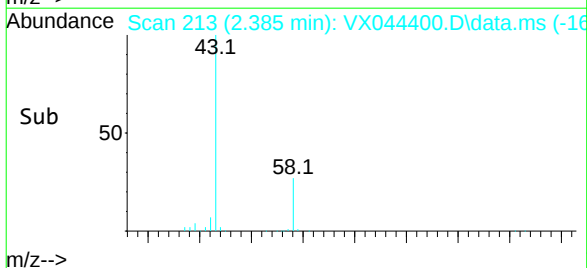
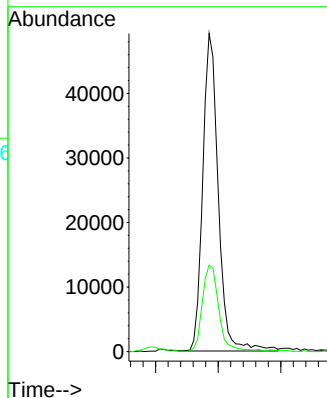
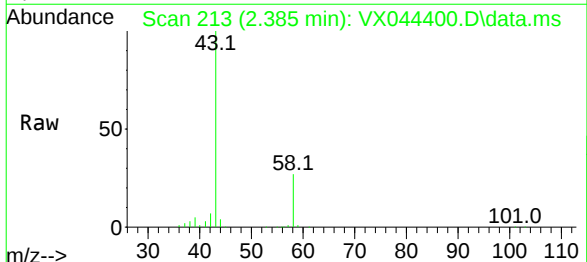
Manual Integrations
APPROVED

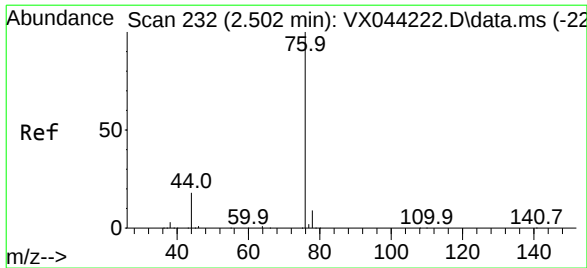
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 90.116 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.1	21.6	32.4





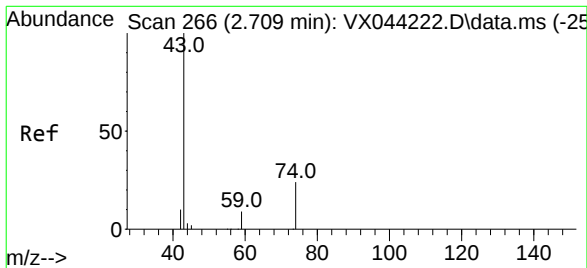
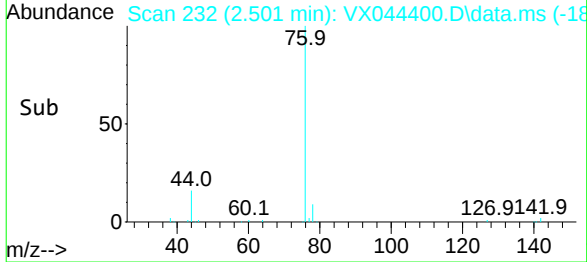
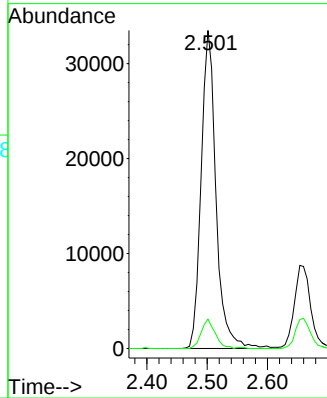
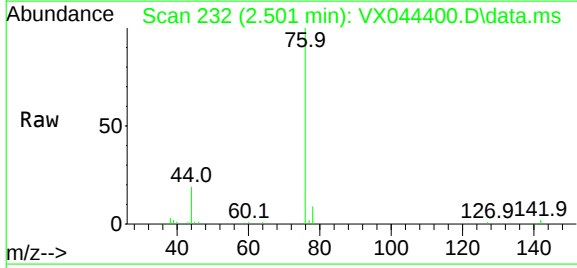
#17
Carbon Disulfide
Concen: 20.489 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 76 Resp: 57400
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

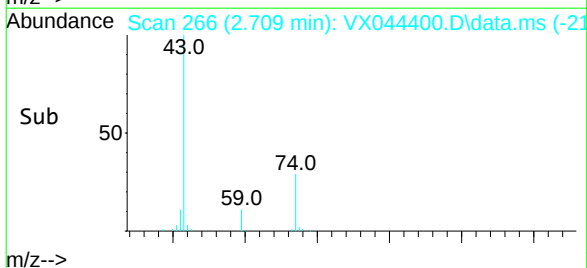
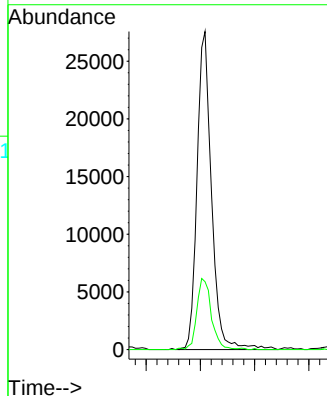
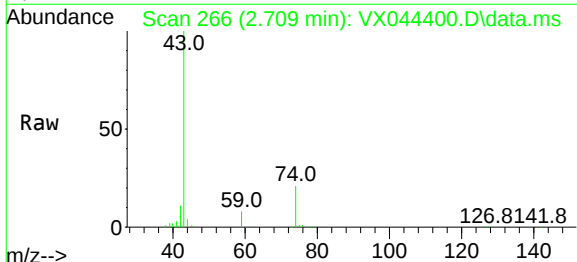
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 21.029 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

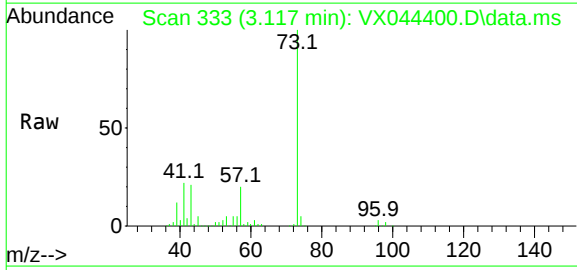
Tgt Ion: 43 Resp: 50961
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 19.440 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

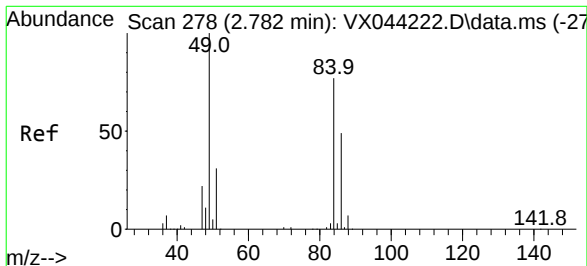
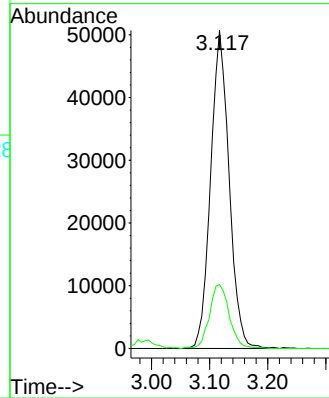
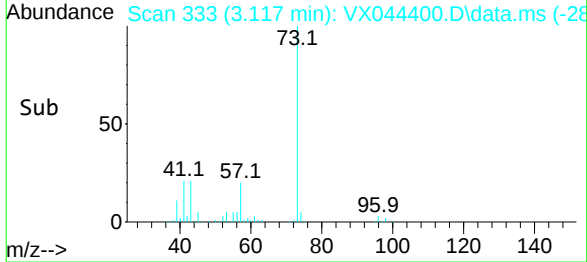
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



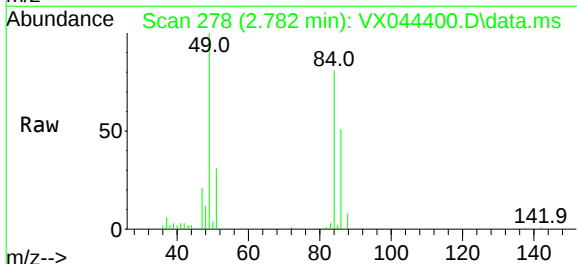
Tgt Ion: 73 Resp: 111810
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4

Manual Integrations
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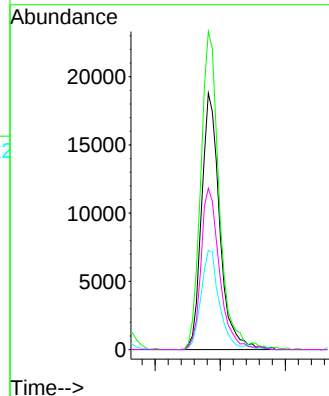
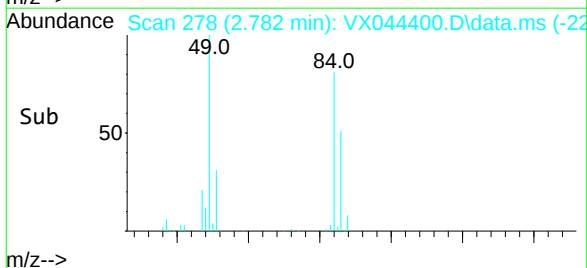
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

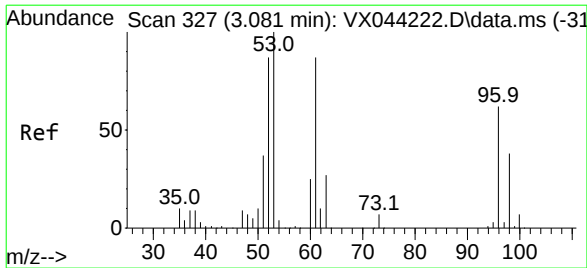


#20
Methylene Chloride
Concen: 20.621 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45



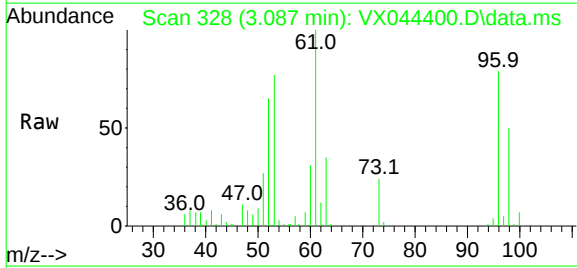
Tgt Ion: 84 Resp: 36404
Ion Ratio Lower Upper
84 100
49 124.0 104.2 156.4
51 38.7 32.2 48.4
86 62.9 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 20.954 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

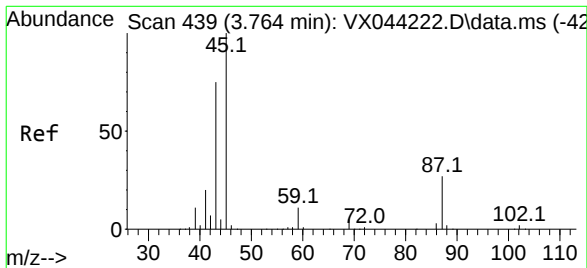
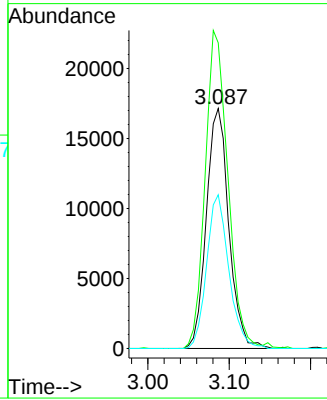
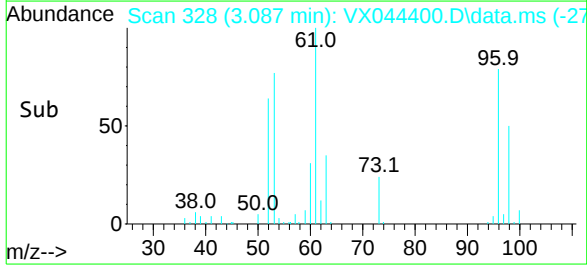
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion: 96 Resp: 32822
Ion Ratio Lower Upper
96 100
61 127.3 112.0 168.0
98 64.1 48.8 73.2

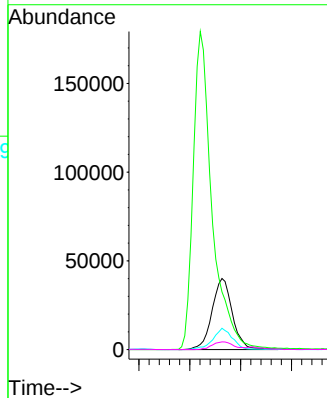
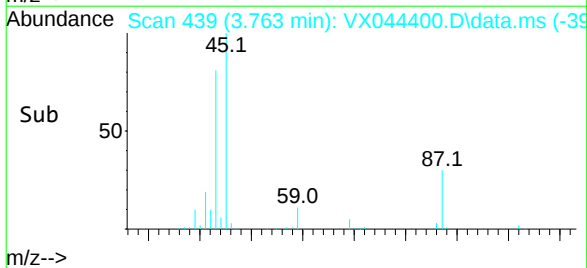
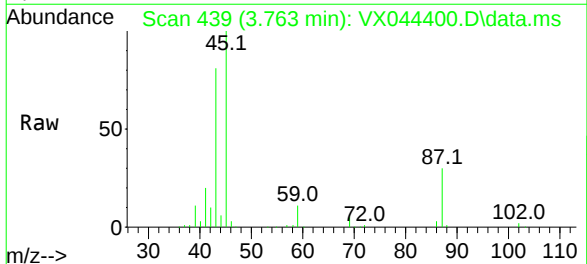
Manual Integrations
APPROVED

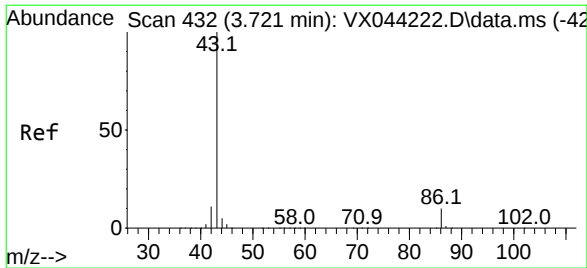
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22
Diisopropyl ether
Concen: 20.176 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 45 Resp: 111530
Ion Ratio Lower Upper
45 100
43 80.8 60.2 90.2
87 30.0 21.2 31.8
59 10.8 8.9 13.3





#23

Vinyl Acetate

Concen: 103.736 ug/l

RT: 3.721 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion: 43 Resp: 466211

Ion Ratio Lower Upper

43 100

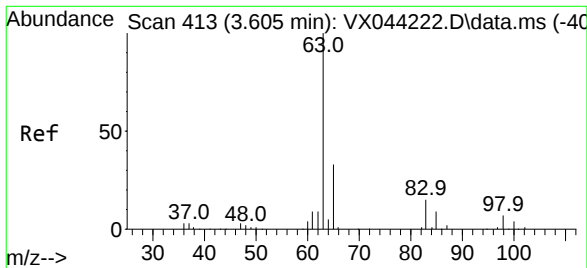
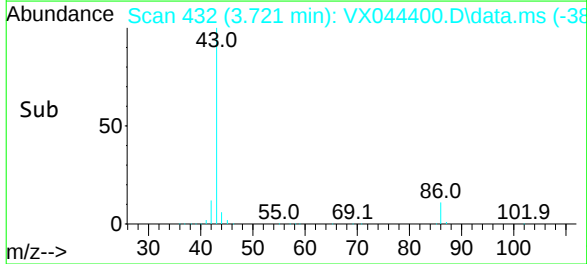
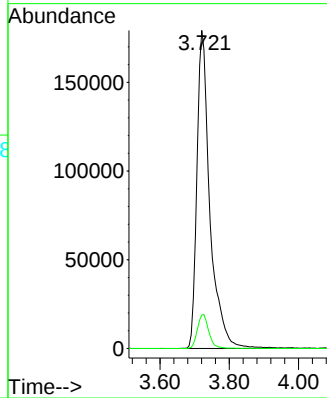
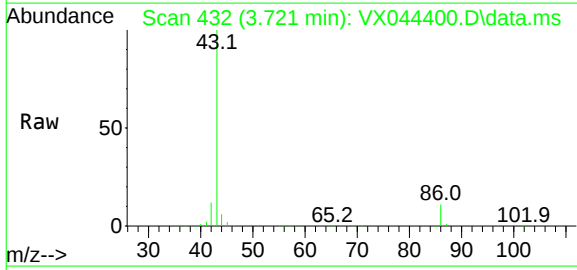
86 10.6 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 20.516 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

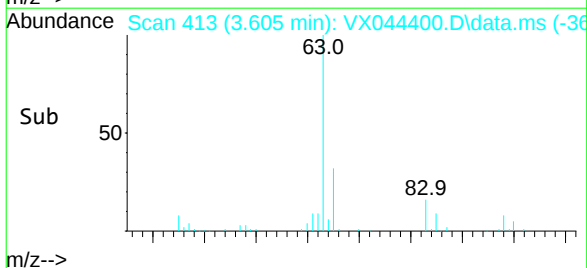
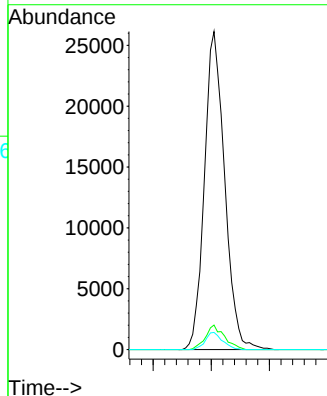
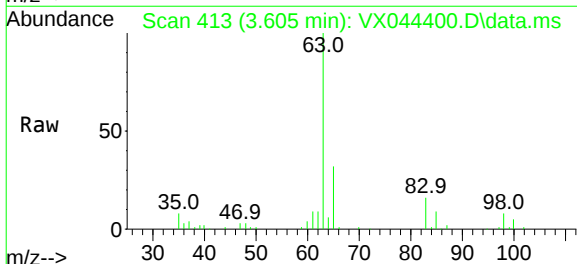
Tgt Ion: 63 Resp: 63217

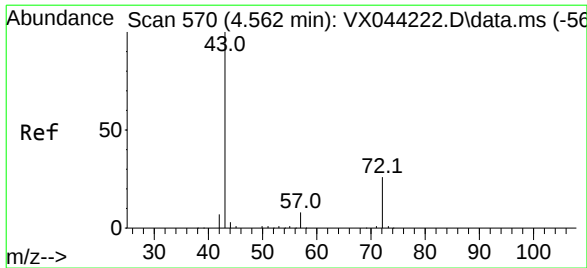
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

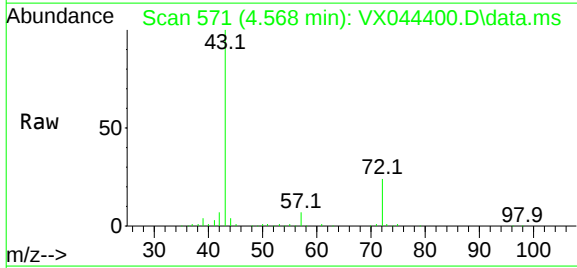
100 5.4 2.1 6.3





#25
2-Butanone
Concen: 98.258 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

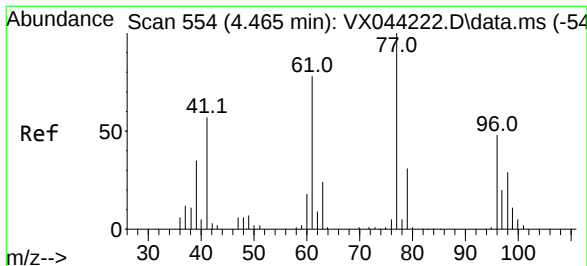
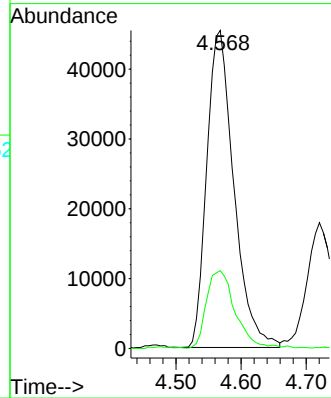
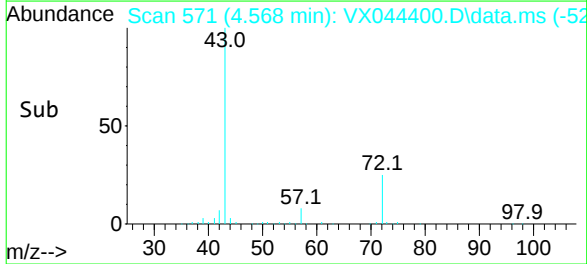
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion: 43 Resp: 131291
Ion Ratio Lower Upper
43 100
72 24.3 20.2 30.4

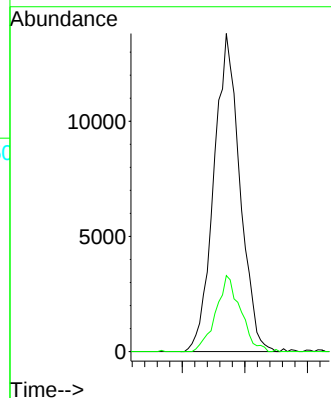
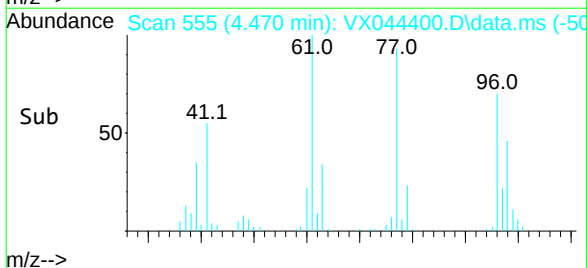
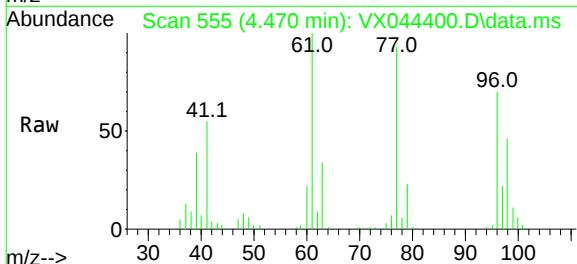
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 15.944 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

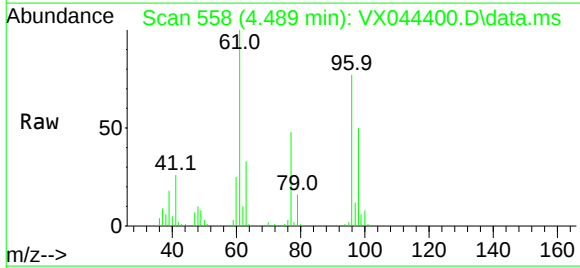
Tgt Ion: 77 Resp: 39912
Ion Ratio Lower Upper
77 100
97 22.6 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 19.822 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

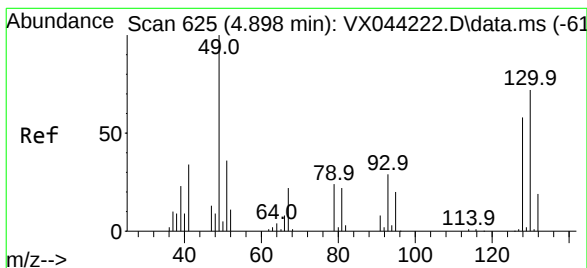
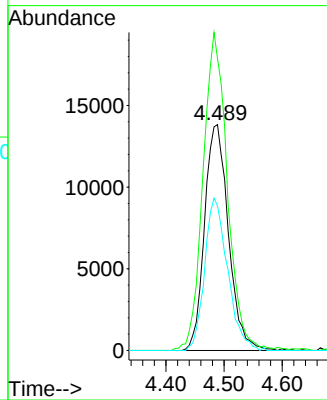
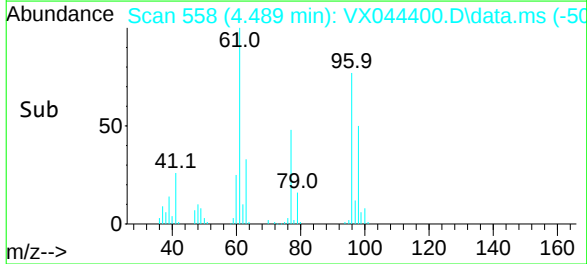
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion: 96 Resp: 39433
Ion Ratio Lower Upper
96 100
61 143.4 0.0 299.0
98 65.0 0.0 129.0

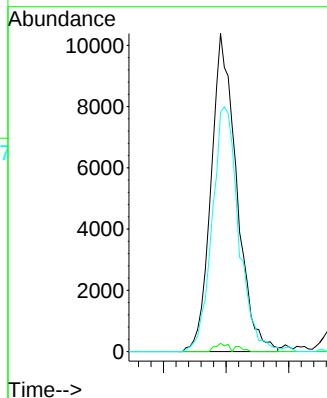
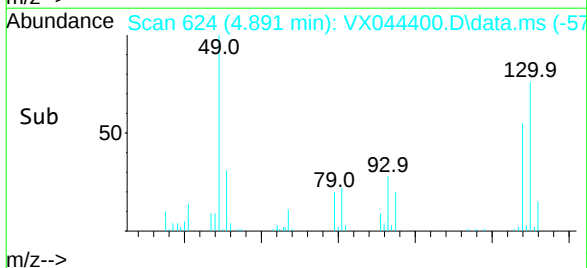
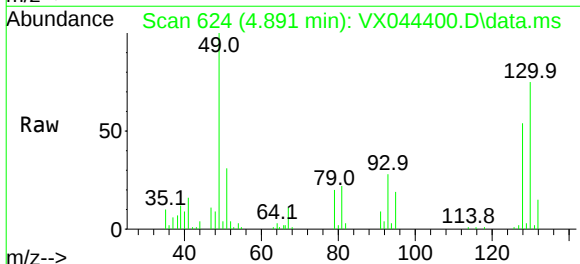
Manual Integrations
APPROVED

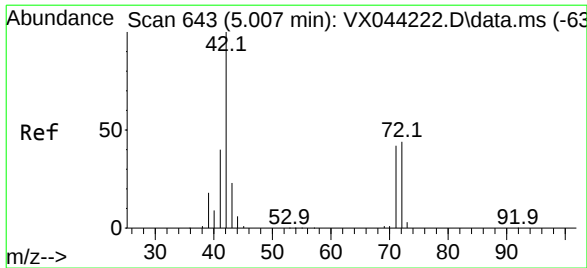
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Bromochloromethane
Concen: 19.500 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 49 Resp: 29464
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.2
130 80.1 62.1 93.1





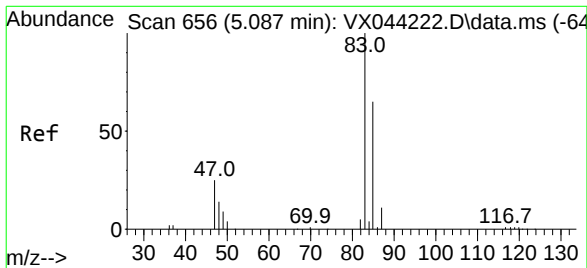
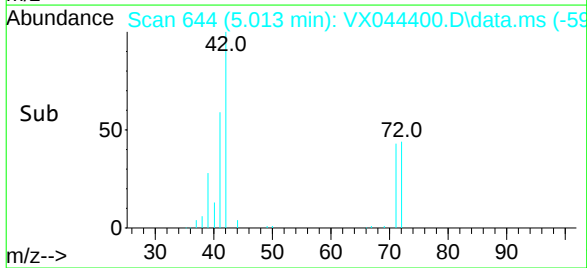
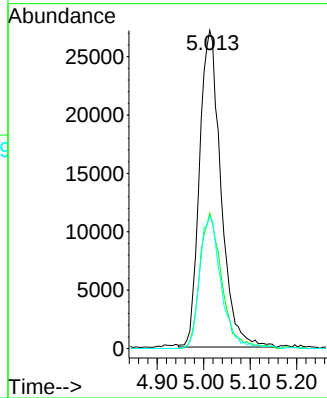
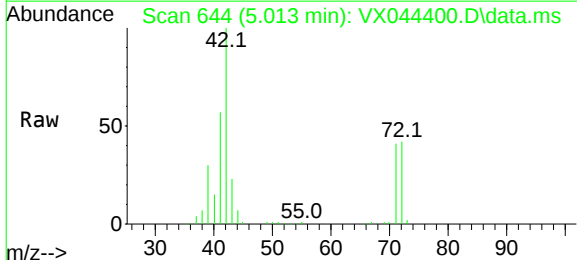
#29
Tetrahydrofuran
Concen: 101.339 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.9	37.0	55.6
71	41.4	33.6	50.4

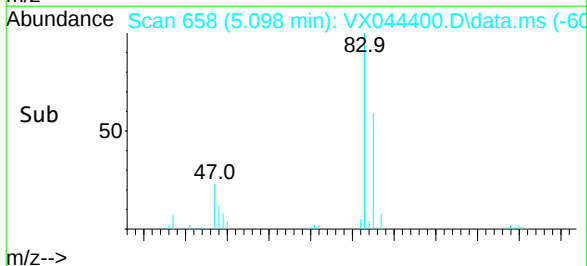
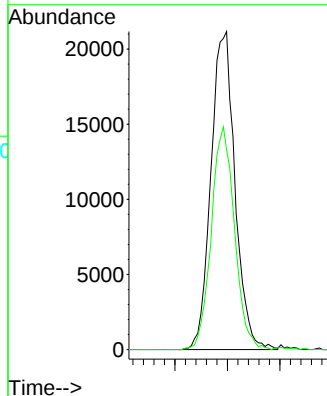
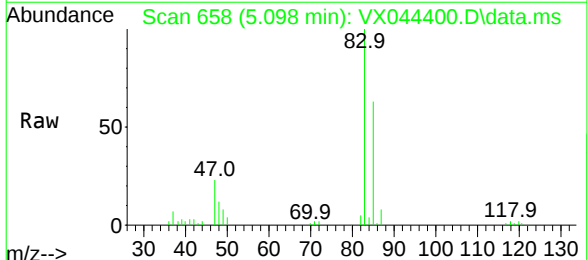
Manual Integrations
APPROVED

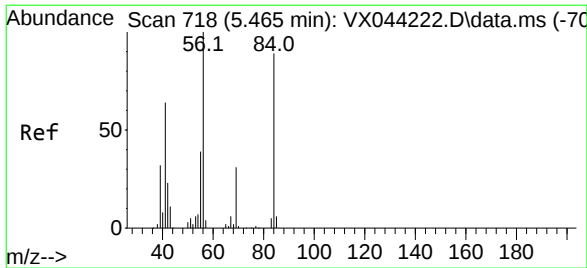
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 19.463 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.6	77.4





#31

Cyclohexane

Concen: 20.037 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion: 56 Resp: 49856

Ion Ratio Lower Upper

56 100

69 29.5 24.7 37.1

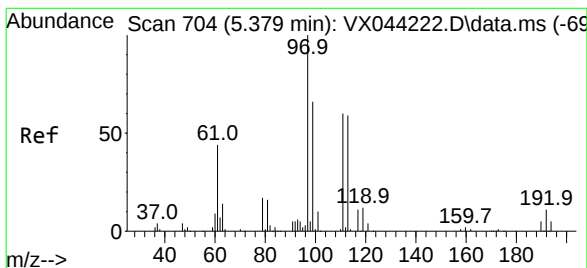
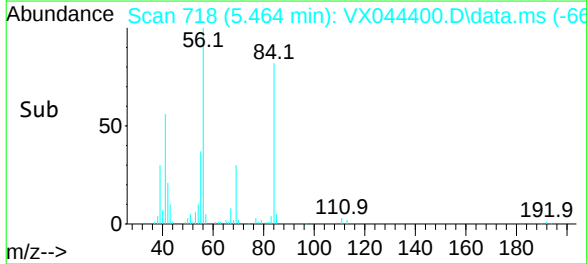
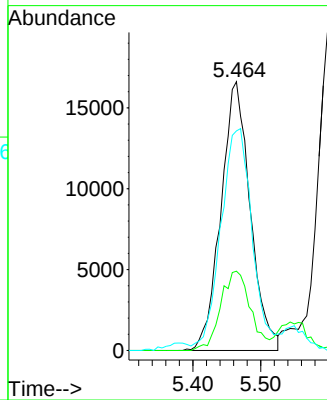
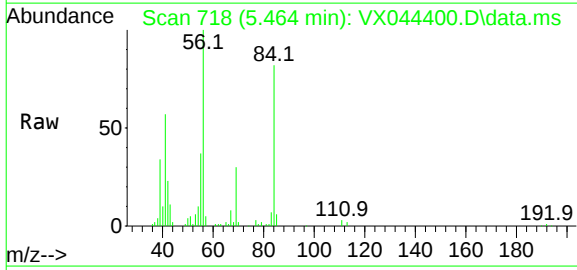
84 78.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#32

1,1,1-Trichloroethane

Concen: 19.970 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

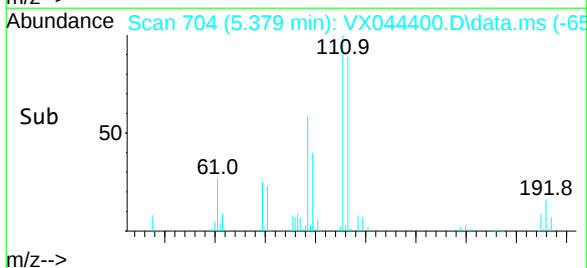
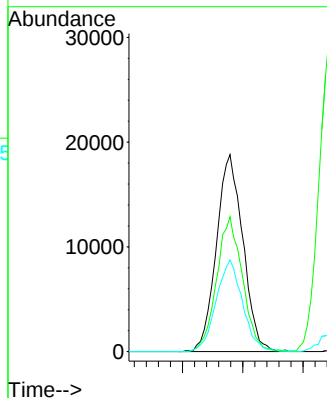
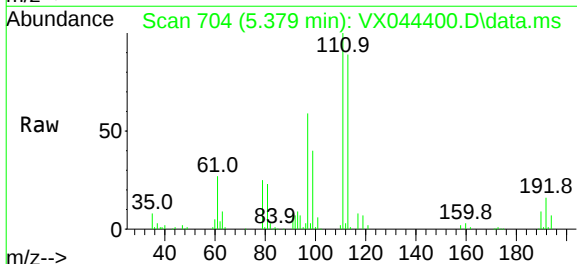
Tgt Ion: 97 Resp: 57391

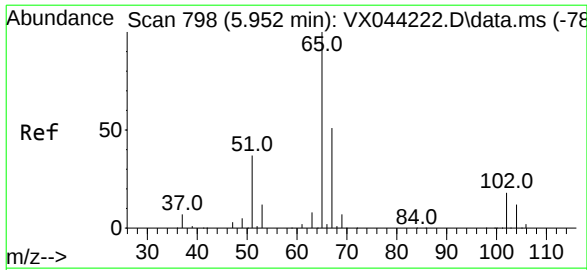
Ion Ratio Lower Upper

97 100

99 66.5 50.8 76.2

61 46.4 35.2 52.8





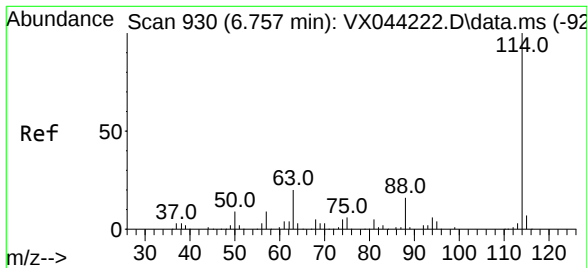
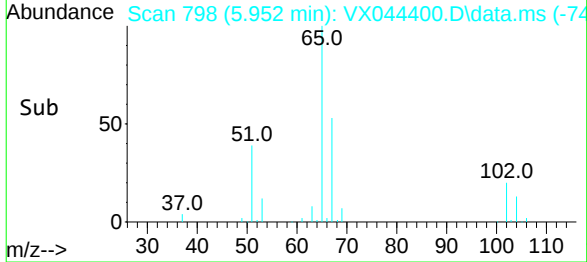
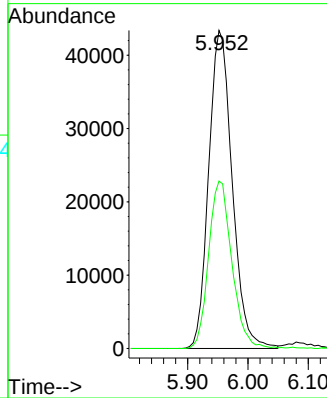
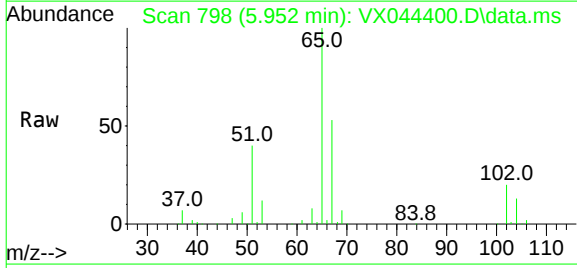
#33
1,2-Dichloroethane-d4
Concen: 50.926 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 65 Resp: 117407
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.6

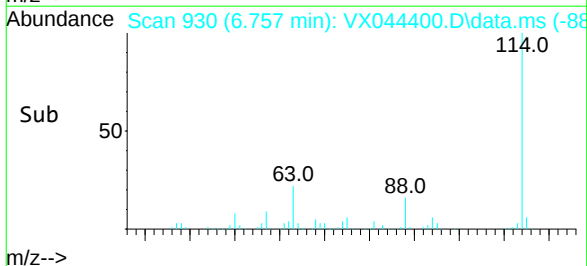
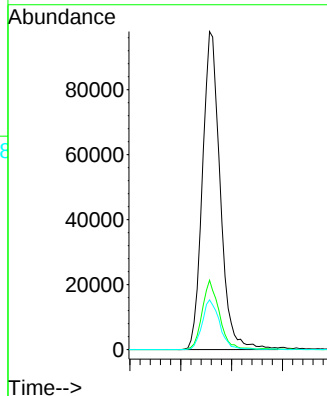
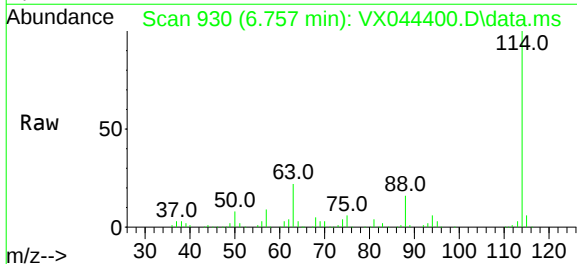
Manual Integrations
APPROVED

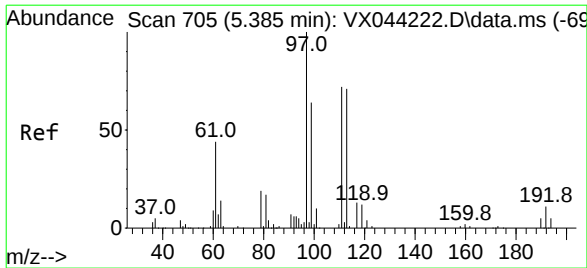
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion:114 Resp: 237198
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.6
88 15.6 0.0 31.8





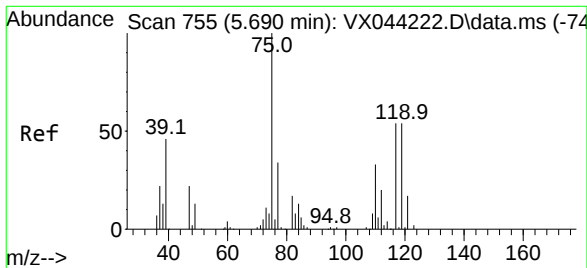
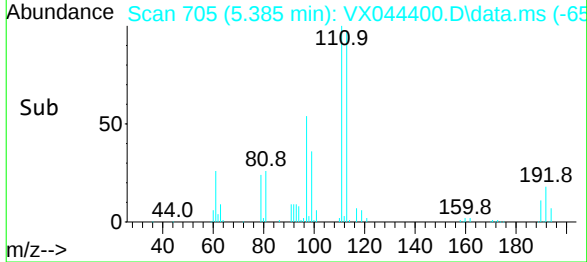
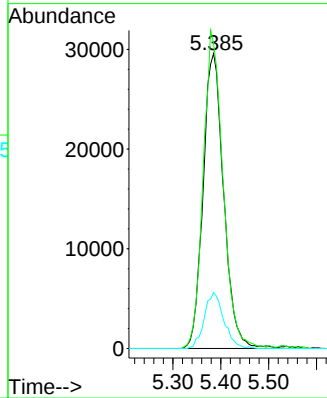
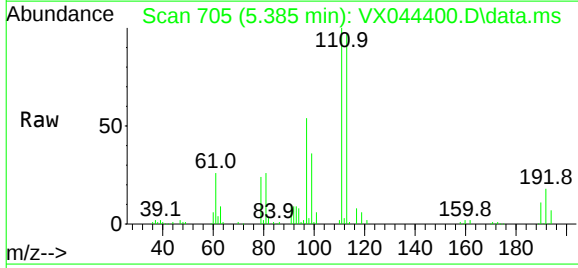
#35
Dibromofluoromethane
Concen: 53.777 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion:	113	Resp:	88345
Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.4	120.6
192	17.9	13.3	19.9

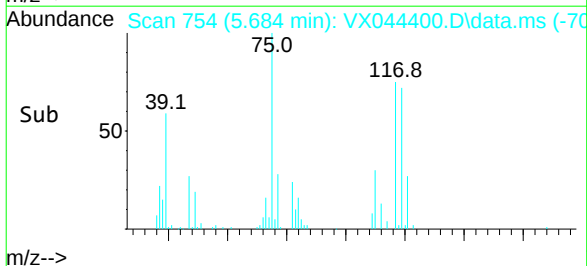
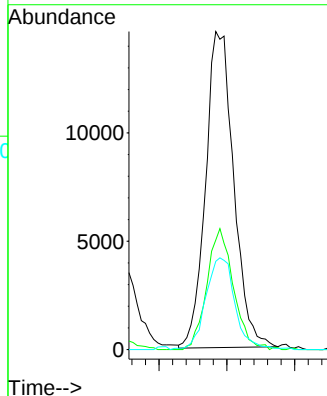
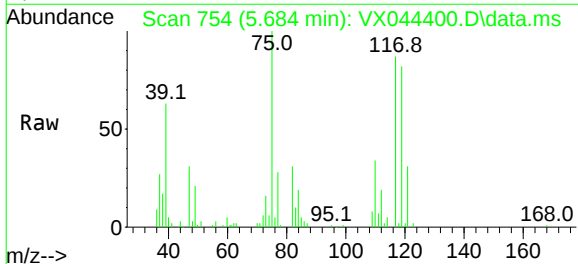
Manual Integrations
APPROVED

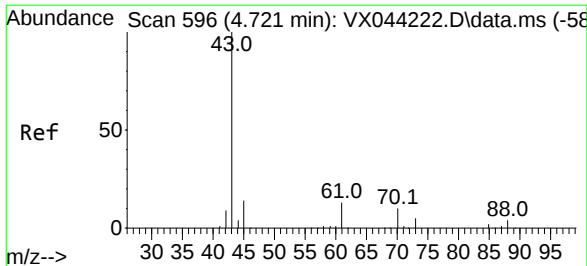
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
1,1-Dichloropropene
Concen: 19.781 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion:	75	Resp:	42006
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.3	51.7
77	29.3	25.4	38.0





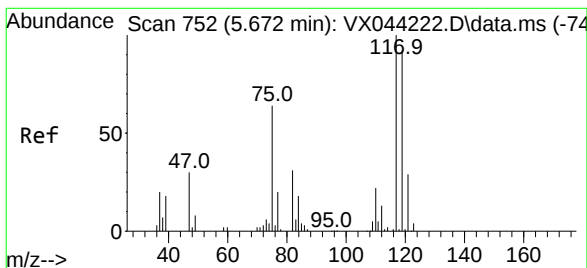
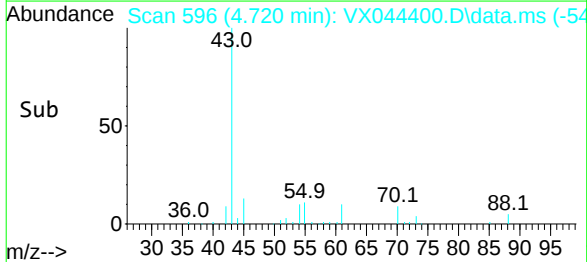
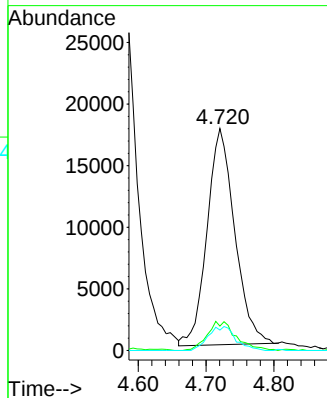
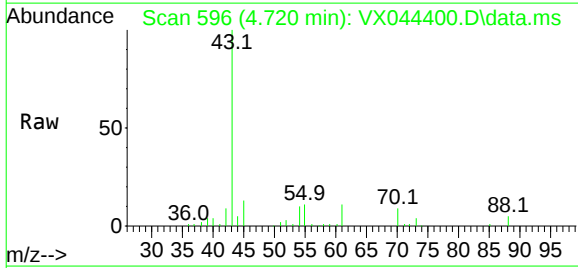
#37
Ethyl Acetate
Concen: 18.983 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	9.8	14.8
70	11.0	7.7	11.5

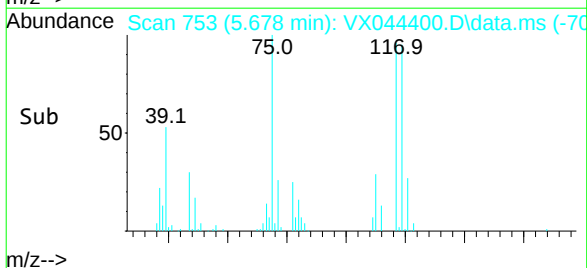
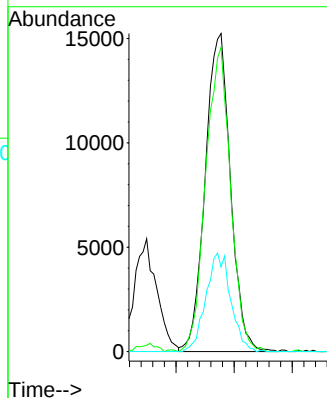
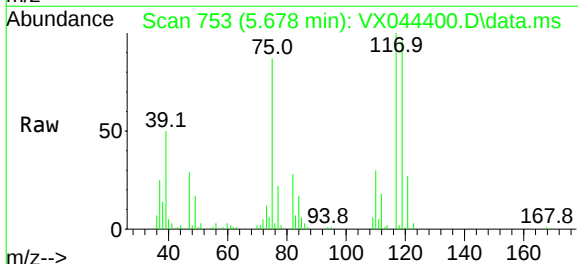
Manual Integrations
APPROVED

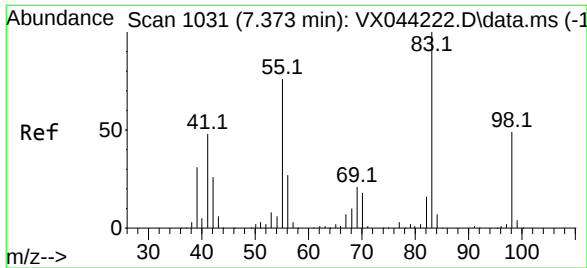
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 20.138 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.2	111.4
121	26.6	23.0	34.6





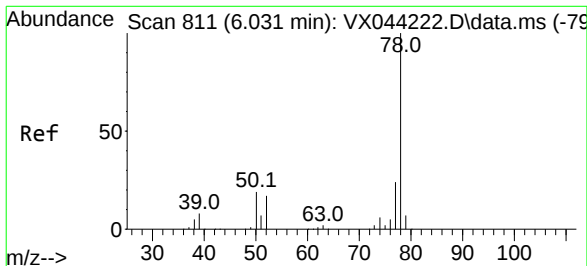
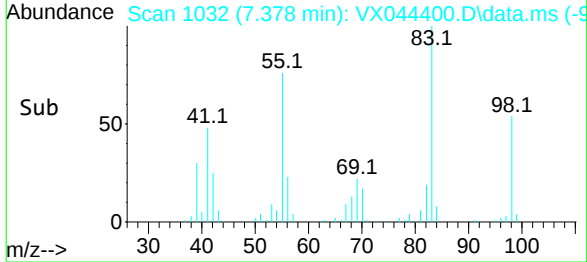
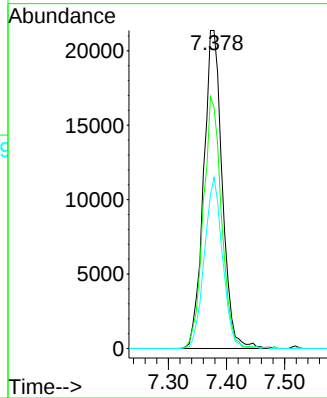
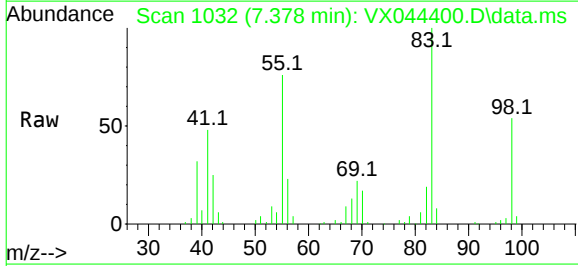
#39
Methylcyclohexane
Concen: 18.720 ug/l
RT: 7.378 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 83 Resp: 47523
Ion Ratio Lower Upper
83 100
55 75.8 60.7 91.1
98 53.9 38.9 58.3

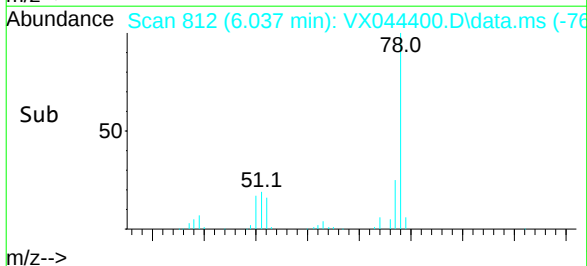
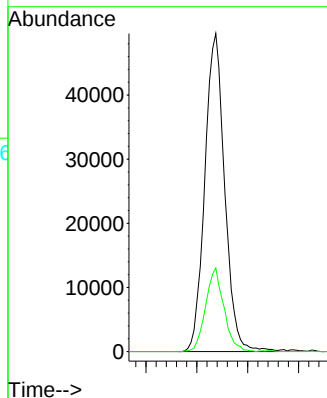
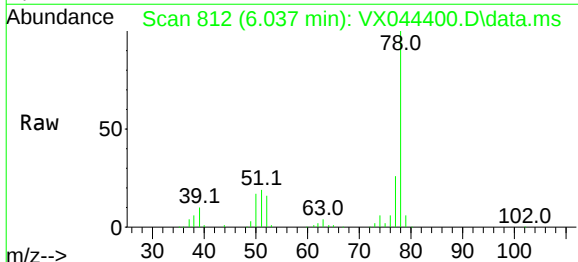
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 20.871 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 78 Resp: 134563
Ion Ratio Lower Upper
78 100
77 26.3 19.3 28.9





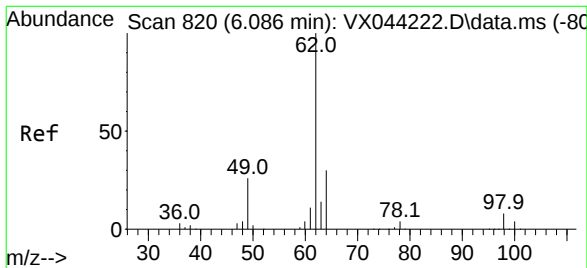
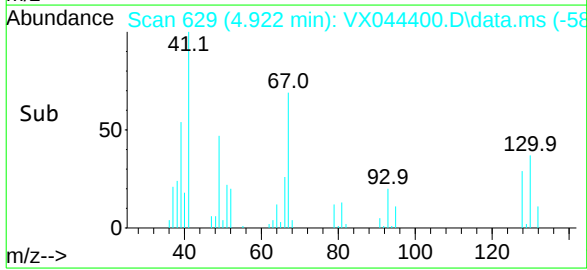
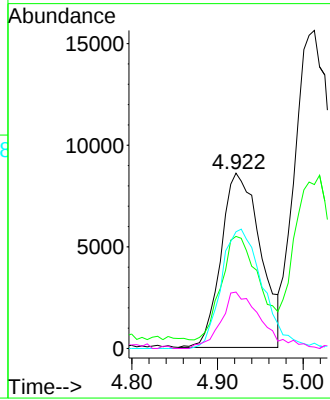
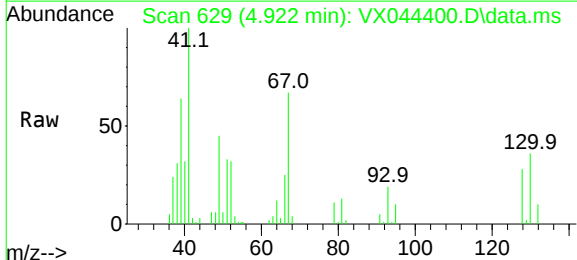
#41
Methacrylonitrile
Concen: 19.685 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion:	41	Resp:	27438
Ion	Ratio	Lower	Upper
41	100		
39	57.3	44.2	66.4
67	72.5	57.2	85.8
52	32.8	24.6	37.0

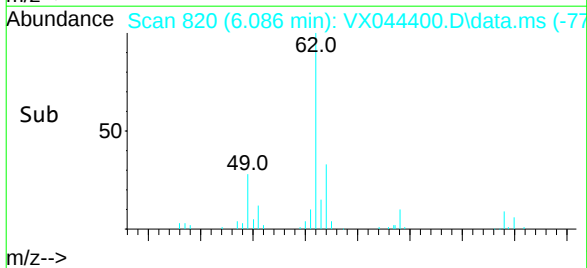
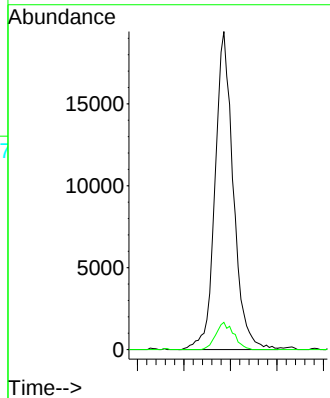
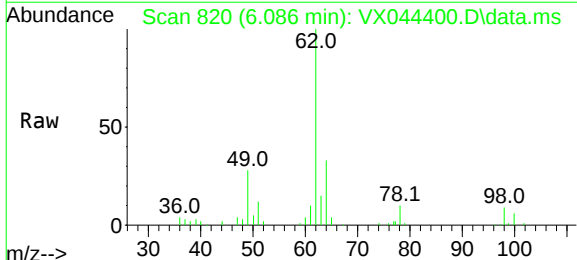
Manual Integrations
APPROVED

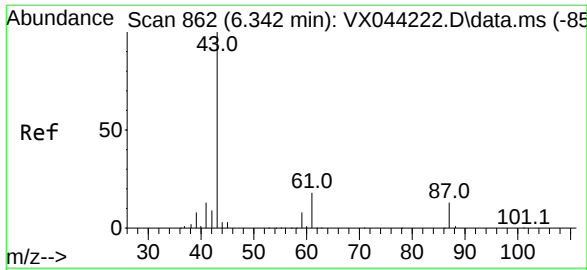
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 19.981 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion:	62	Resp:	53069
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.863 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

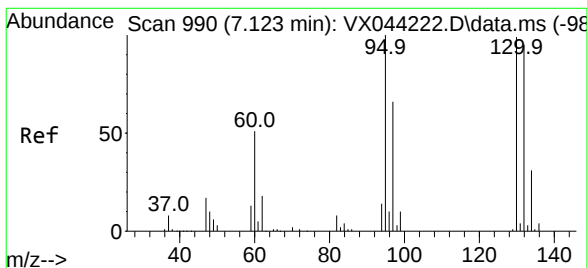
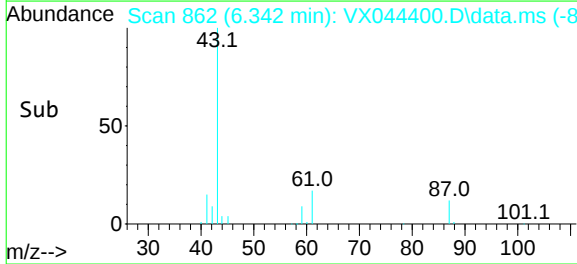
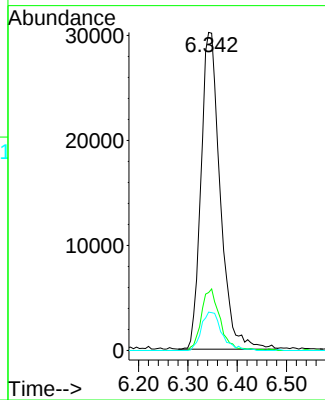
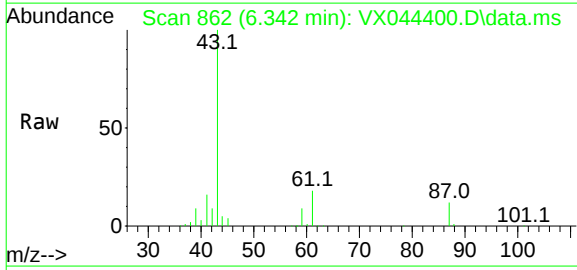
Tgt Ion:	43	Resp:	81496
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.2	21.2
87	12.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 20.920 ug/l

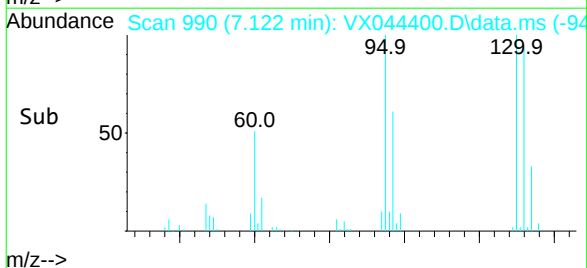
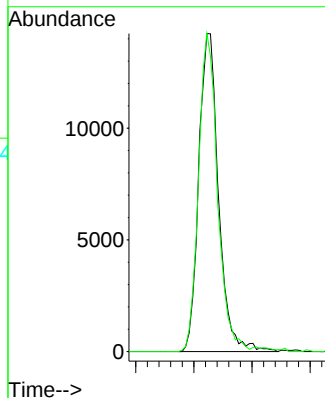
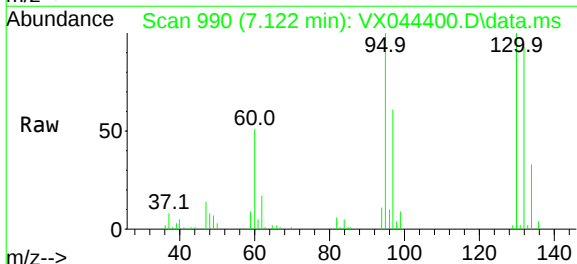
RT: 7.122 min Scan# 990

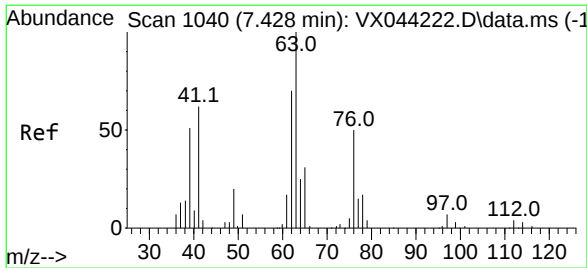
Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

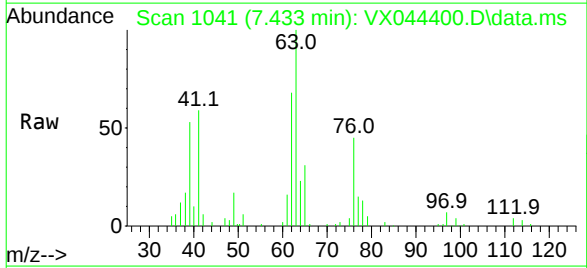
Tgt Ion:	130	Resp:	33636
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	201.4





#45
1,2-Dichloropropane
Concen: 20.135 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

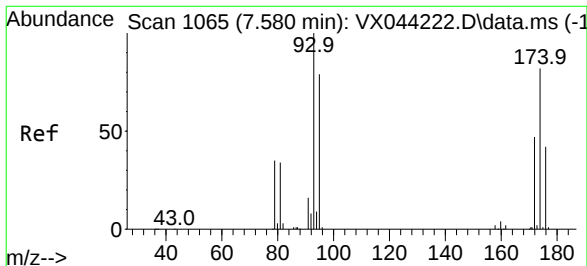
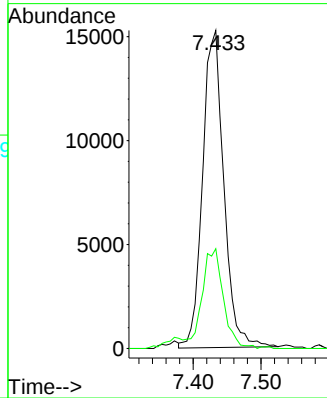
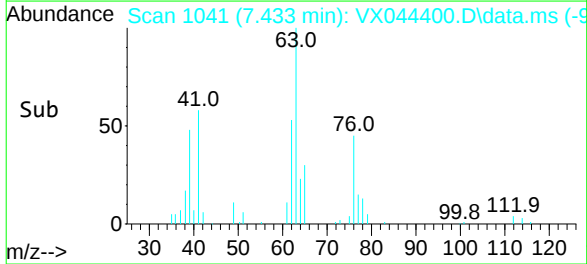
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion: 63 Resp: 33167
Ion Ratio Lower Upper
63 100
65 31.5 24.6 37.0

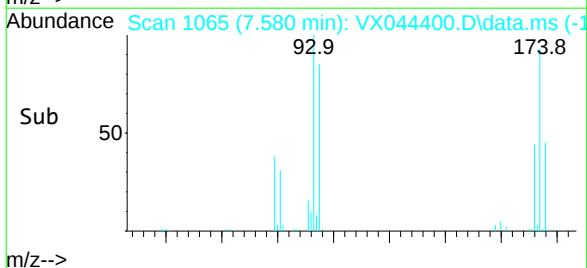
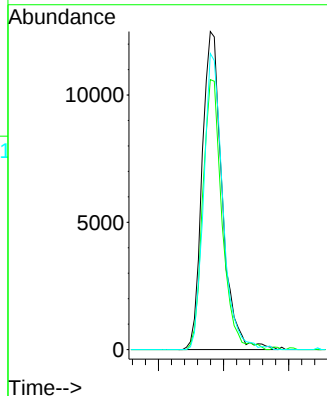
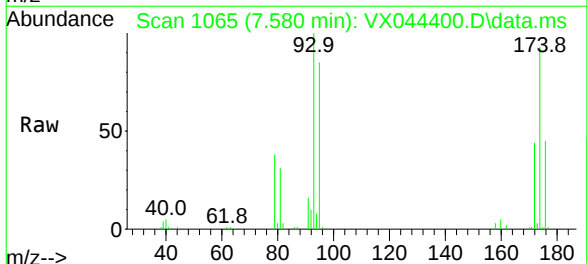
Manual Integrations
APPROVED

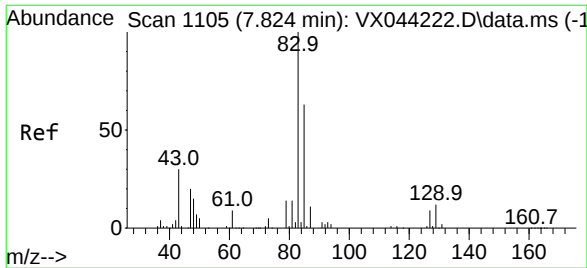
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 20.900 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 93 Resp: 26708
Ion Ratio Lower Upper
93 100
95 81.3 65.4 98.2
174 88.6 67.9 101.9





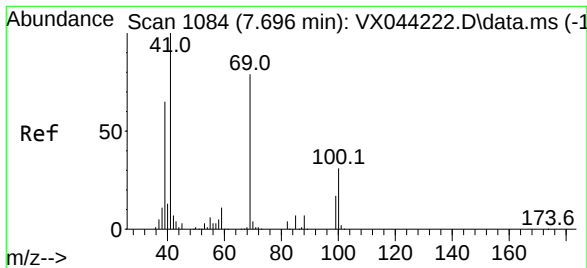
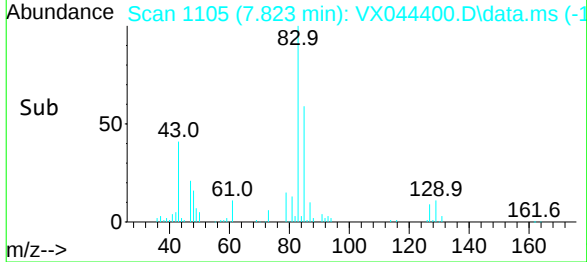
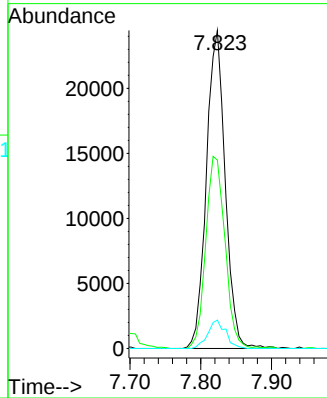
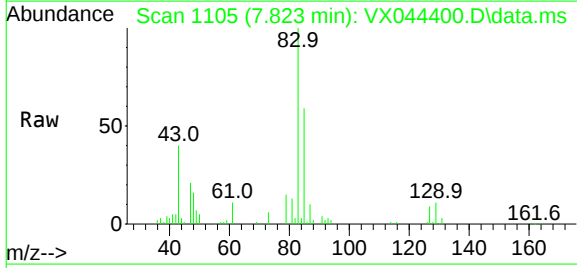
#47
Bromodichloromethane
Concen: 20.512 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 83 Resp: 45270
Ion Ratio Lower Upper
83 100
85 59.2 50.6 75.8
127 8.9 7.3 10.9

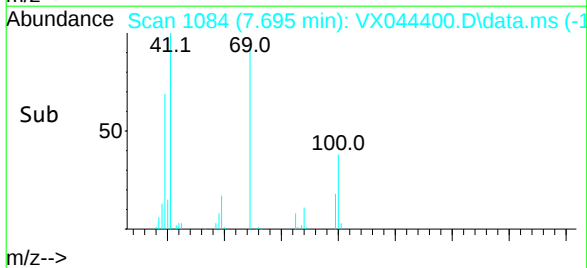
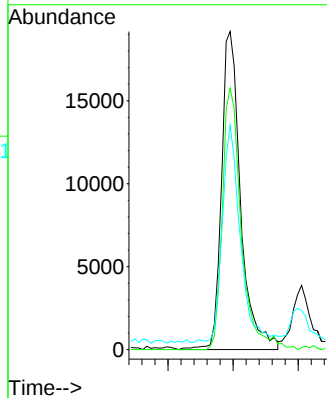
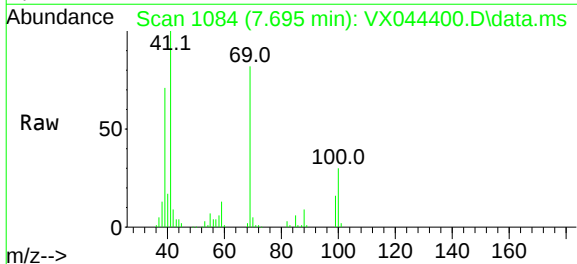
Manual Integrations
APPROVED

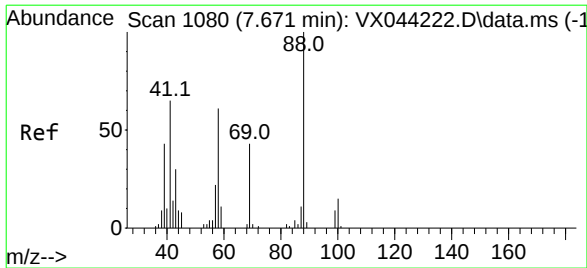
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 19.561 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 41 Resp: 38957
Ion Ratio Lower Upper
41 100
69 81.6 62.4 93.6
39 64.3 53.3 79.9





#49

1,4-Dioxane

Concen: 286.855 ug/l m

RT: 7.665 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX044400.D

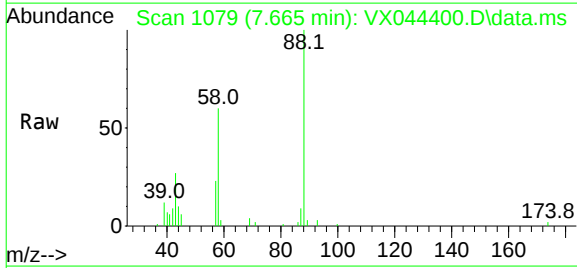
Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02



Tgt Ion: 88 Resp: 9472

Ion Ratio Lower Upper

88 100

43 48.1 27.1 40.7#

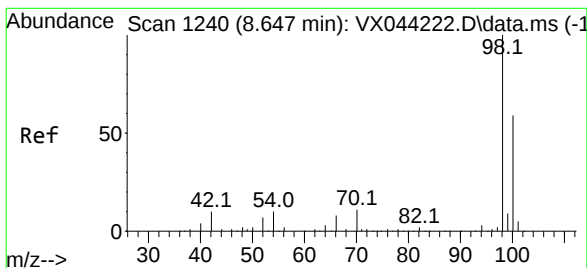
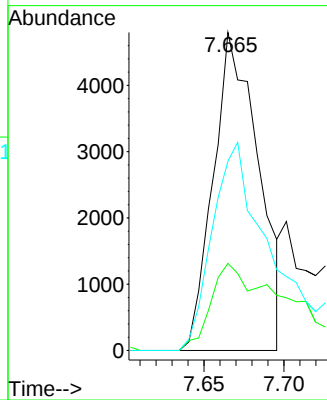
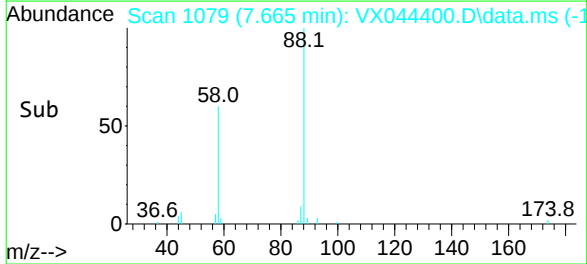
58 91.4 41.0 61.4#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#50

Toluene-d8

Concen: 54.904 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044400.D

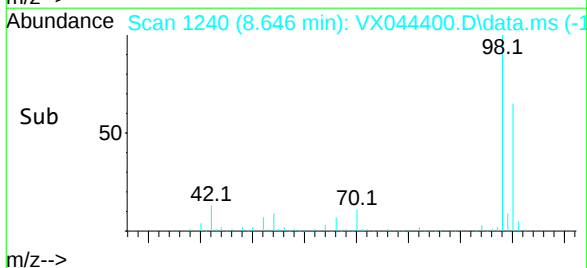
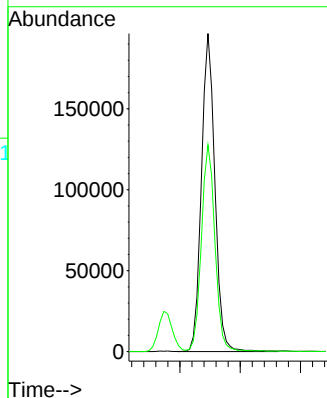
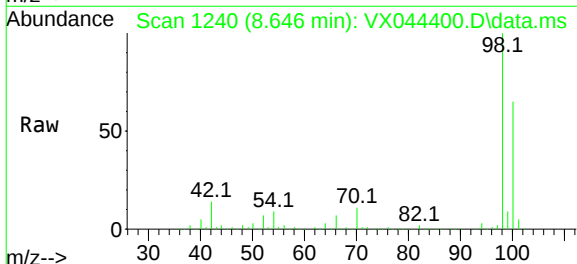
Acq: 18 Dec 2024 23:45

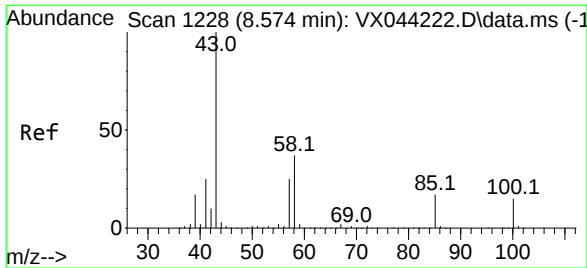
Tgt Ion: 98 Resp: 304301

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 100.667 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion: 43 Resp: 265562

Ion Ratio Lower Upper

43 100

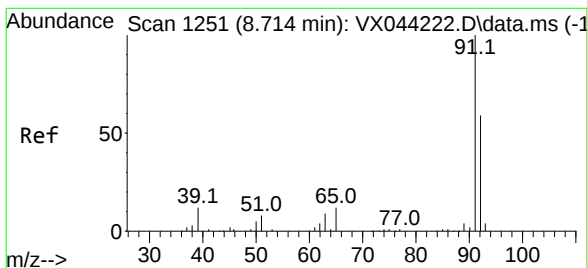
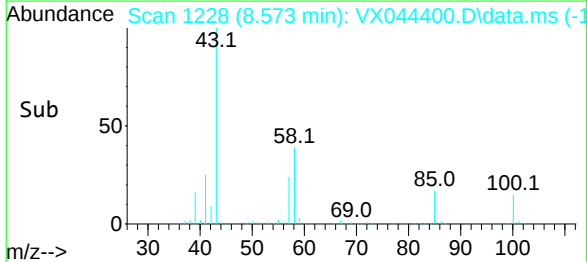
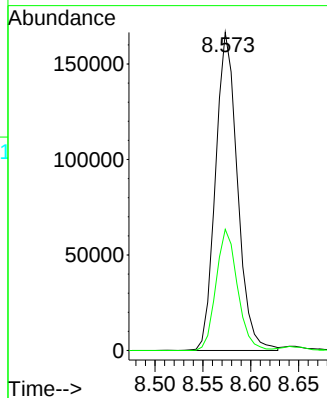
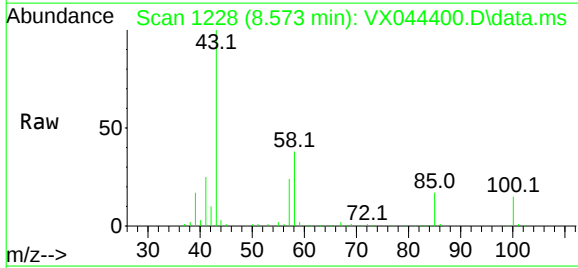
58 37.3 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#52

Toluene

Concen: 20.019 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044400.D

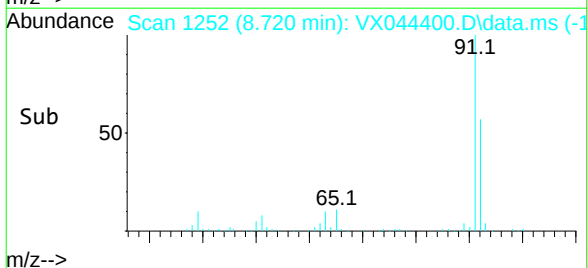
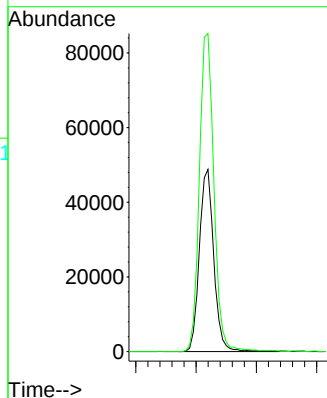
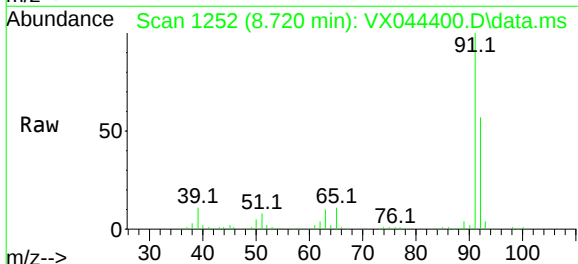
Acq: 18 Dec 2024 23:45

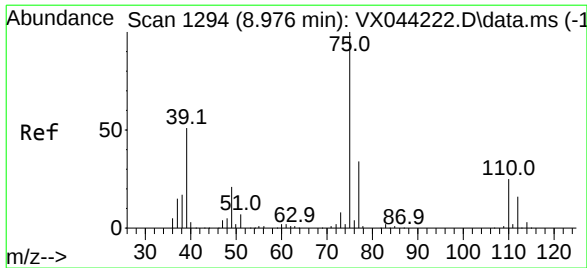
Tgt Ion: 92 Resp: 81053

Ion Ratio Lower Upper

92 100

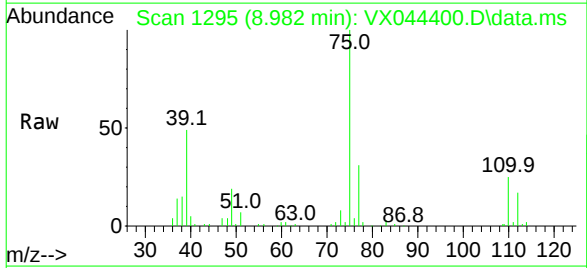
91 176.5 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 18.984 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

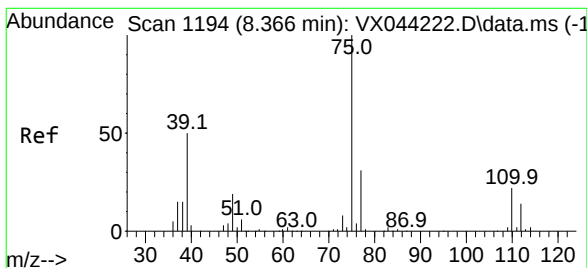
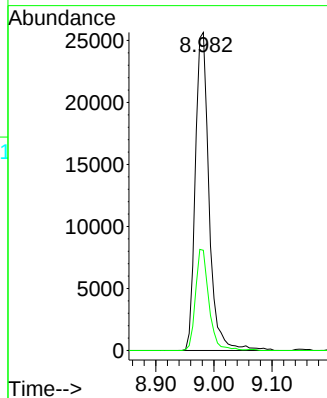
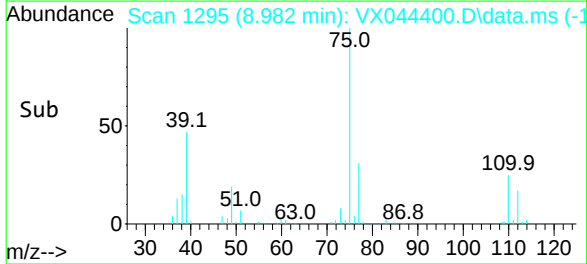
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion: 75 Resp: 42105
Ion Ratio Lower Upper
75 100
77 31.5 27.2 40.8

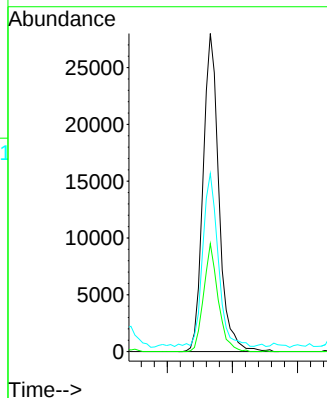
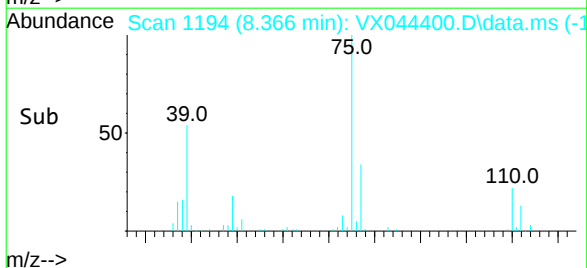
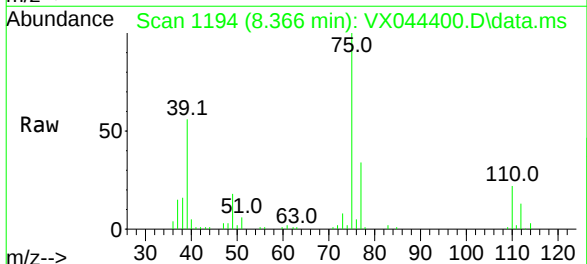
Manual Integrations
APPROVED

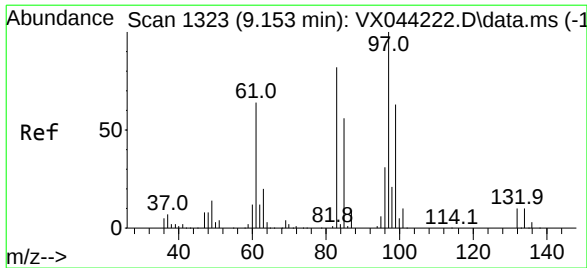
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
cis-1,3-Dichloropropene
Concen: 19.732 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 75 Resp: 47418
Ion Ratio Lower Upper
75 100
77 33.9 24.7 37.1
39 53.8 40.3 60.5





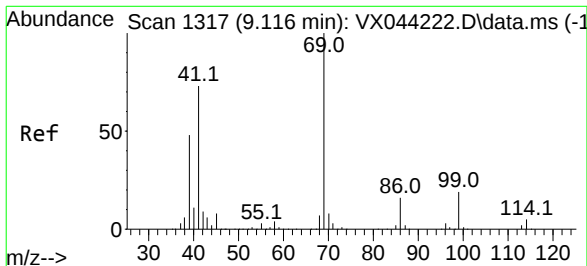
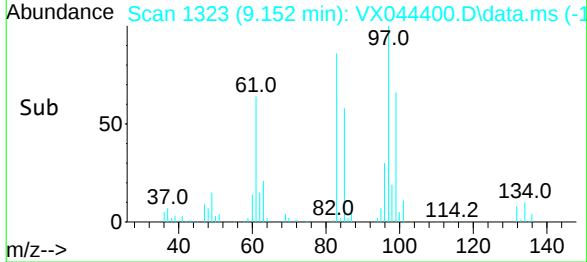
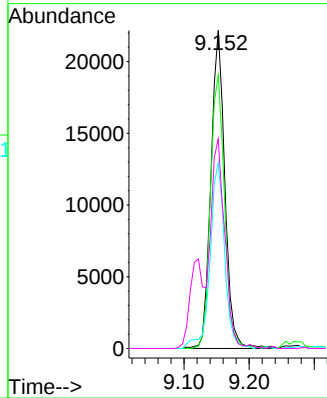
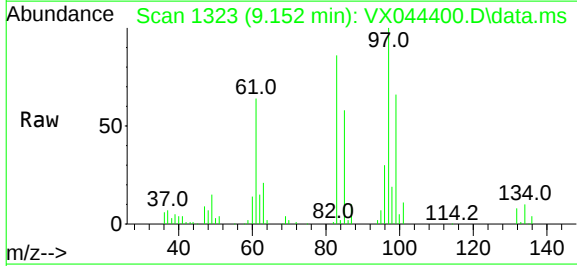
#55
1,1,2-Trichloroethane
Concen: 20.567 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument : MSVOA_X
ClientSampleId : VX1218WBSD02

Tgt Ion:	97	Resp:	33082
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.3	97.9
85	58.4	44.6	67.0
99	65.9	50.2	75.2

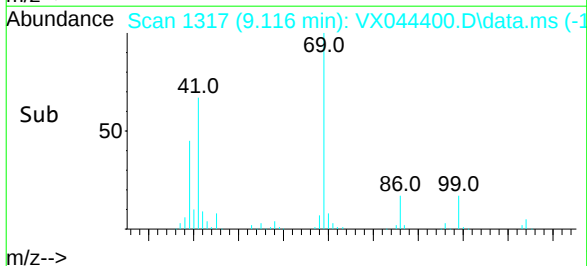
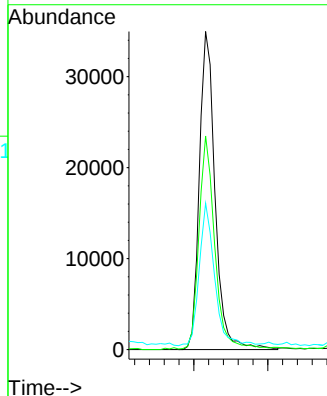
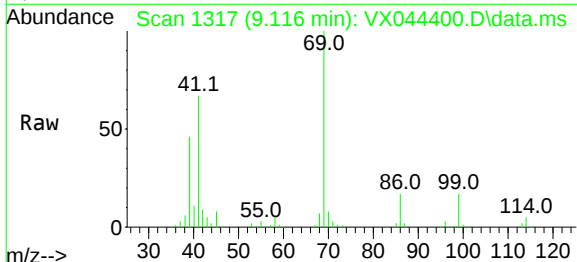
Manual Integrations
APPROVED

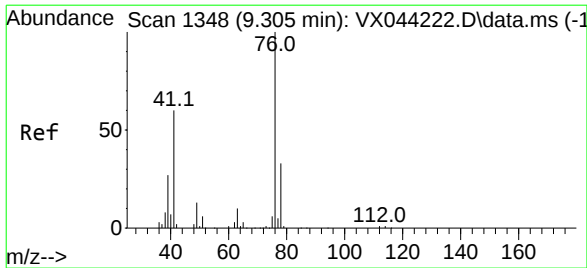
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 20.290 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

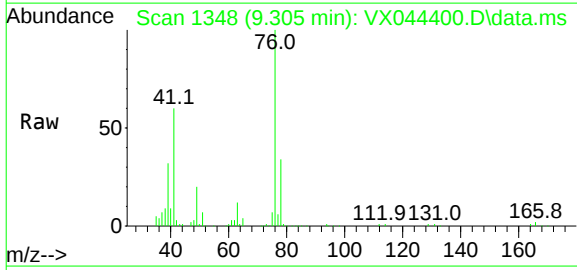
Tgt Ion:	69	Resp:	51523
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.6	85.0
39	43.7	37.4	56.0





#57
1,3-Dichloropropane
Concen: 20.399 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

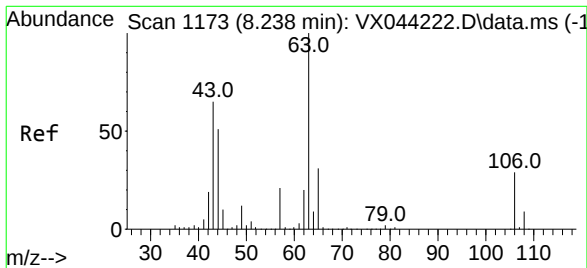
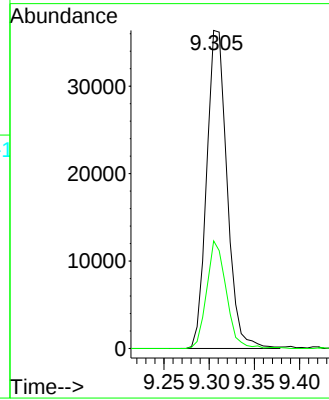
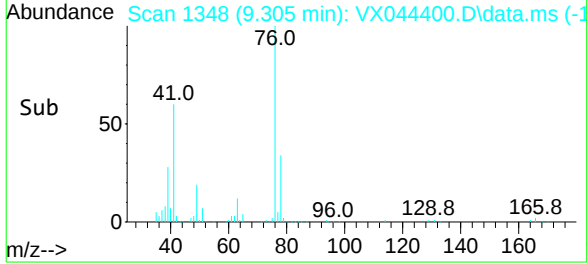
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion: 76 Resp: 57111
Ion Ratio Lower Upper
76 100
78 32.4 26.5 39.7

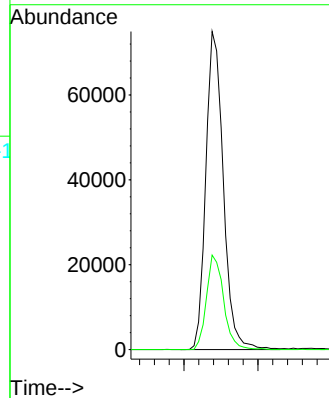
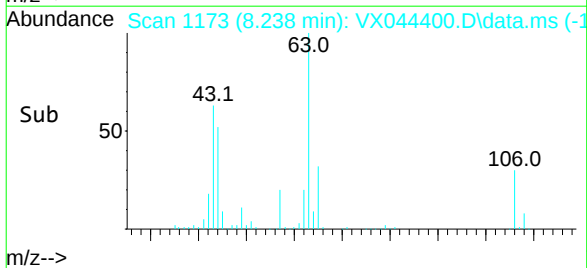
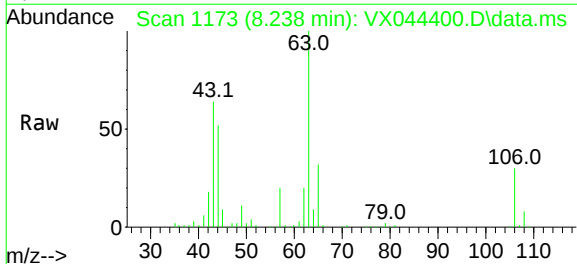
Manual Integrations
APPROVED

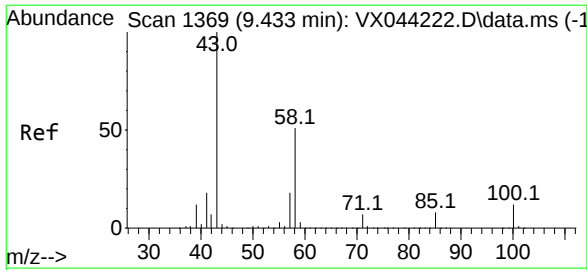
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 96.011 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 63 Resp: 122966
Ion Ratio Lower Upper
63 100
106 29.2 22.8 34.2





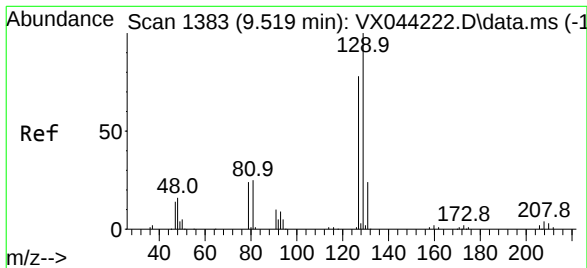
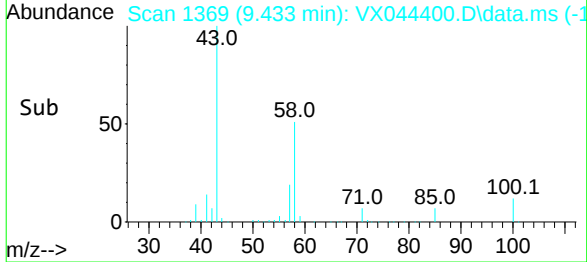
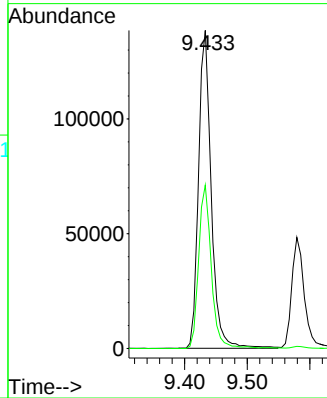
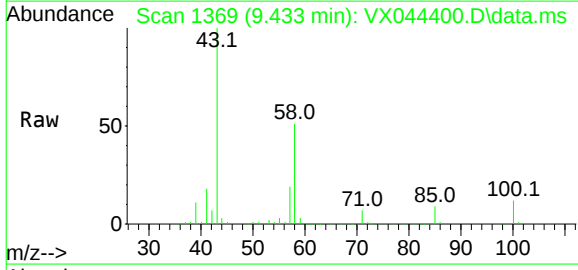
#59
2-Hexanone
Concen: 102.228 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 43 Resp: 195200
Ion Ratio Lower Upper
43 100
58 51.1 25.7 77.0

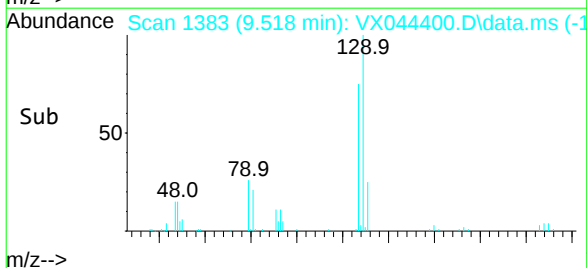
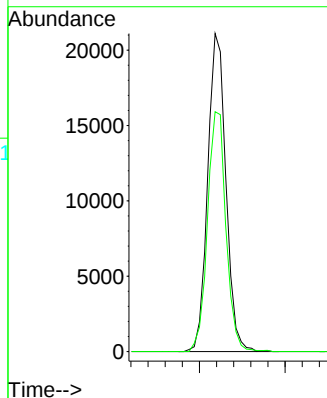
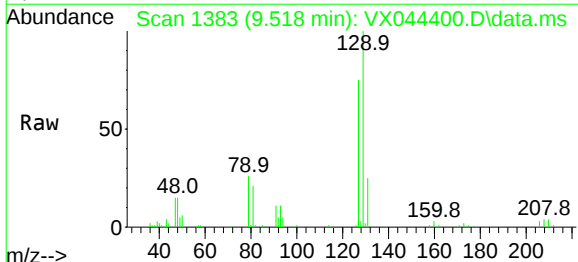
Manual Integrations
APPROVED

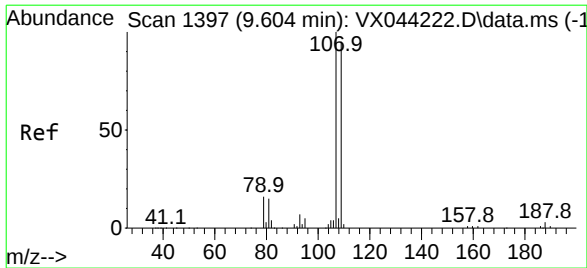
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 19.543 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion:129 Resp: 31101
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.555 ug/l

RT: 9.610 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion: 107 Resp: 35292

Ion Ratio Lower Upper

107 100

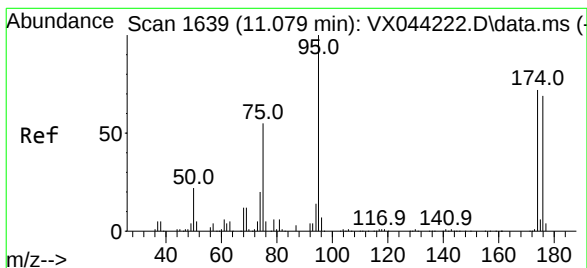
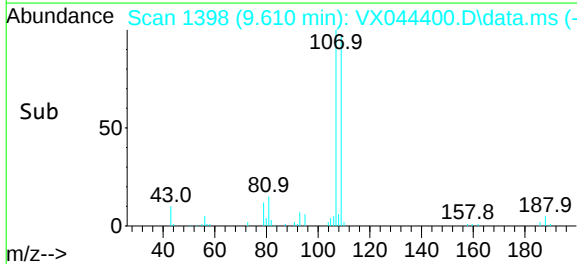
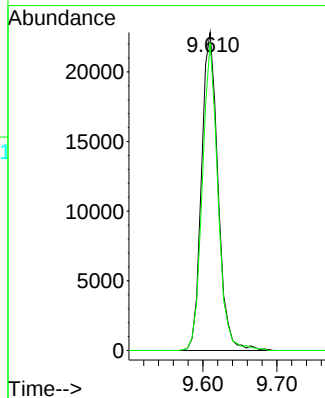
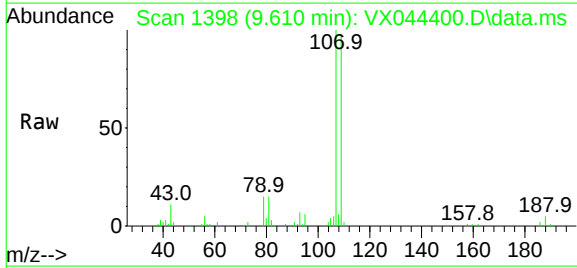
109 91.7 77.0 115.4

Manual Integrations

APPROVED

Reviewed By : John Carlone 12/20/2024

Supervised By : Mahesh Dadoda 12/20/2024



#62

4-Bromofluorobenzene

Concen: 53.484 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

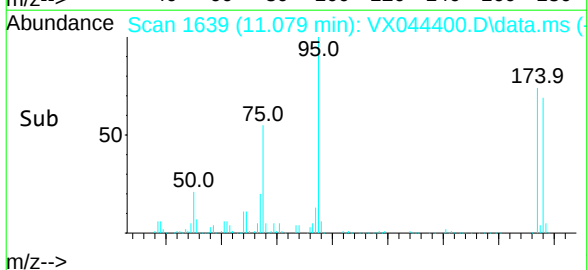
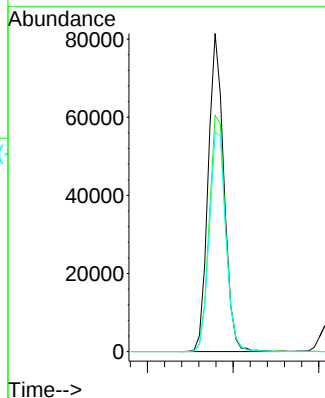
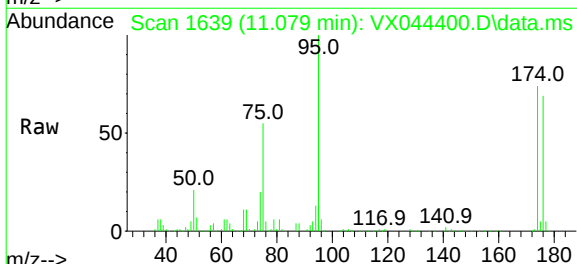
Tgt Ion: 95 Resp: 103580

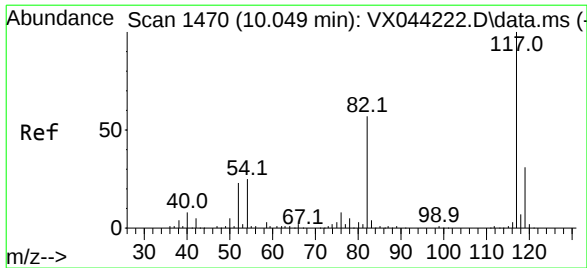
Ion Ratio Lower Upper

95 100

174 77.5 0.0 145.8

176 73.1 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

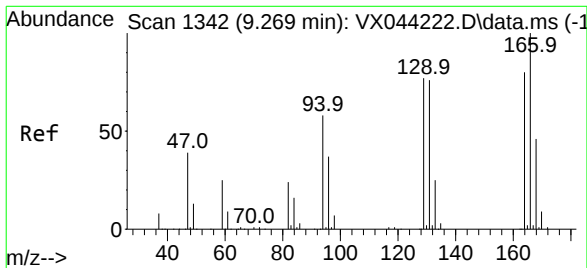
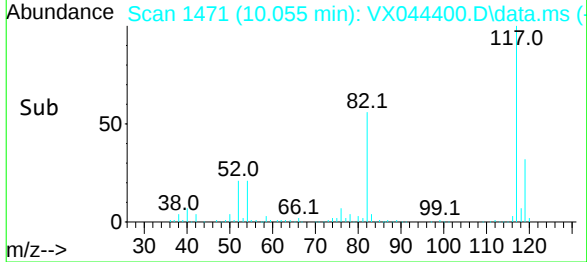
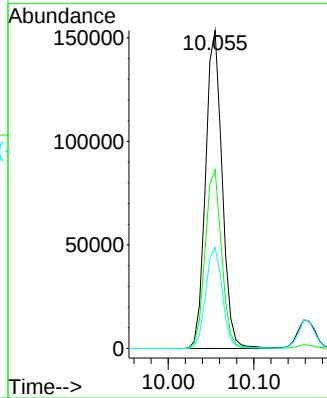
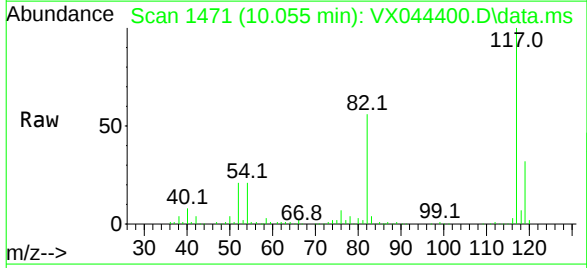
Tgt Ion:	117	Resp:	206159
Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.8	68.8
119	31.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

Tetrachloroethene

Concen: 20.802 ug/l

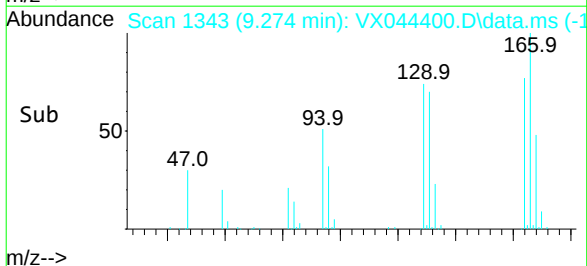
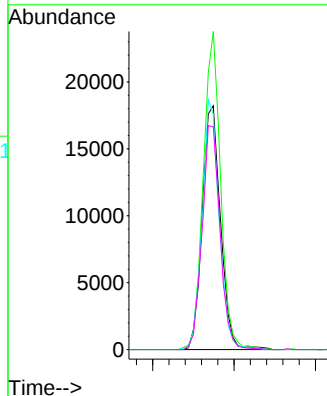
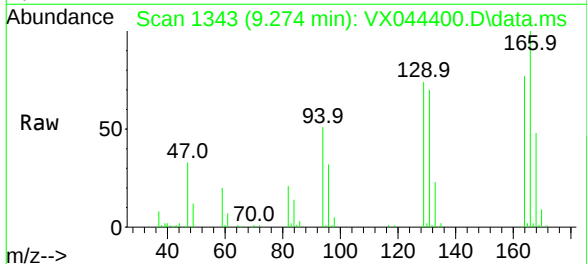
RT: 9.274 min Scan# 1343

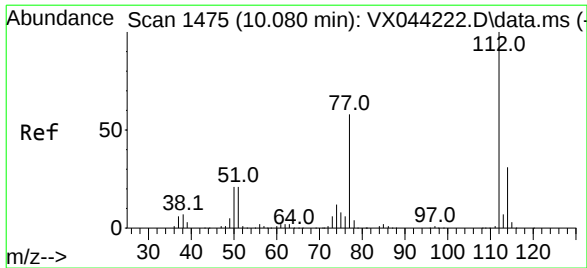
Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Tgt Ion:	164	Resp:	28464
Ion	Ratio	Lower	Upper
164	100		
166	130.5	100.4	150.6
129	96.5	77.2	115.8
131	91.3	76.2	114.2





#65

Chlorobenzene

Concen: 19.987 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion:112 Resp: 88294

Ion Ratio Lower Upper

112 100

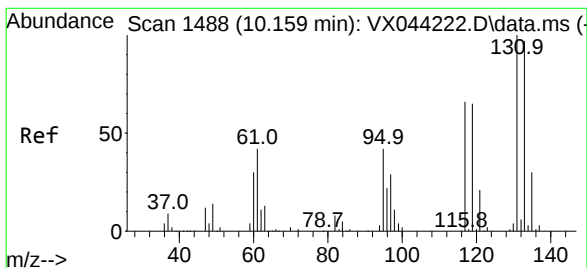
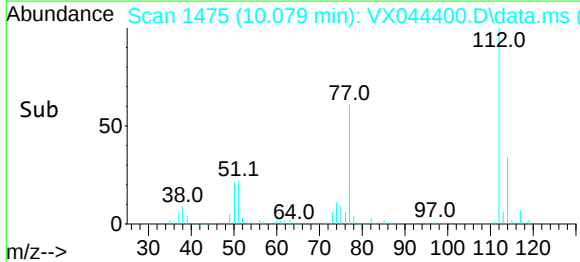
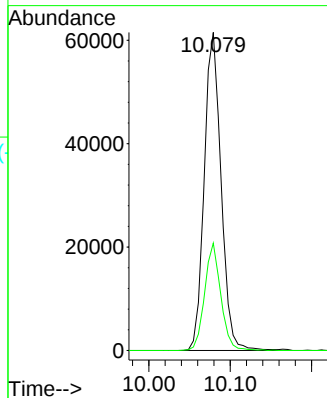
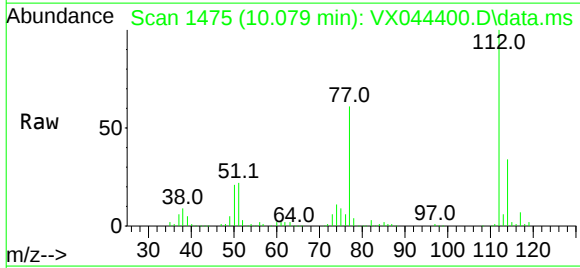
114 33.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 20.666 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

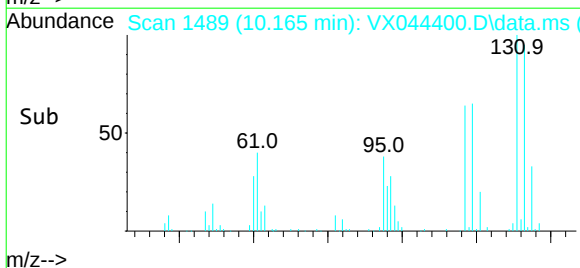
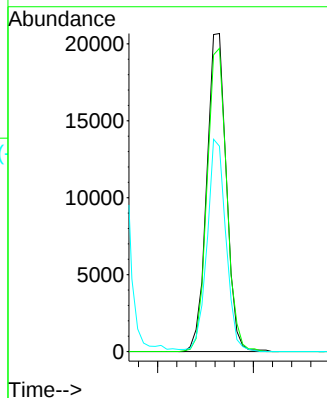
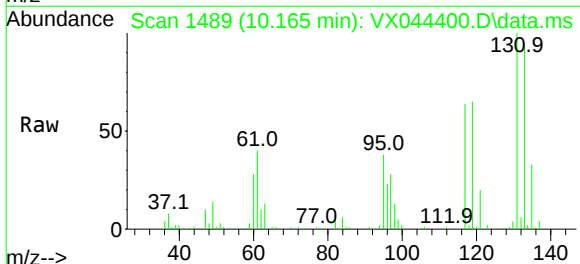
Tgt Ion:131 Resp: 29340

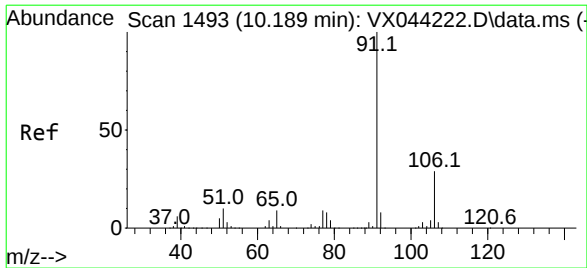
Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.8

119 64.4 31.6 95.0





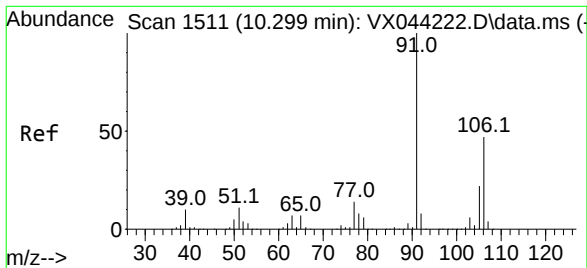
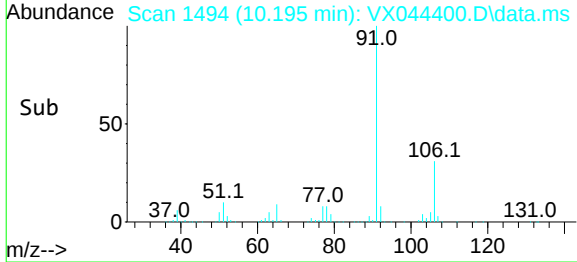
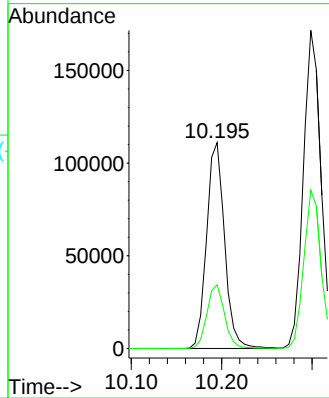
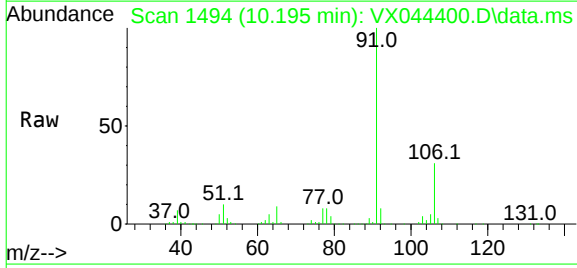
#67
Ethyl Benzene
Concen: 20.081 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion: 91 Resp: 153272
Ion Ratio Lower Upper
91 100
106 30.9 23.5 35.3

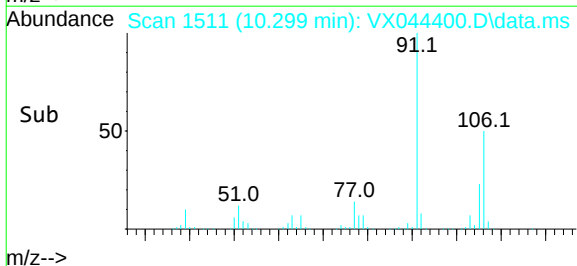
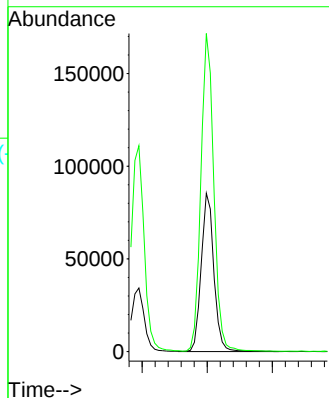
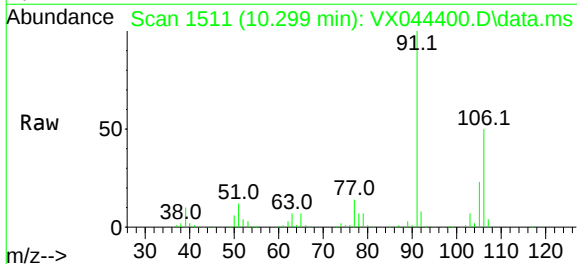
Manual Integrations
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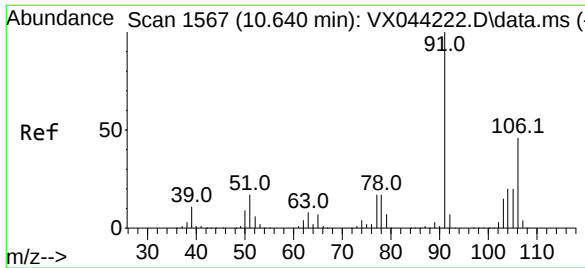
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 41.152 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion:106 Resp: 115256
Ion Ratio Lower Upper
106 100
91 204.4 170.2 255.2





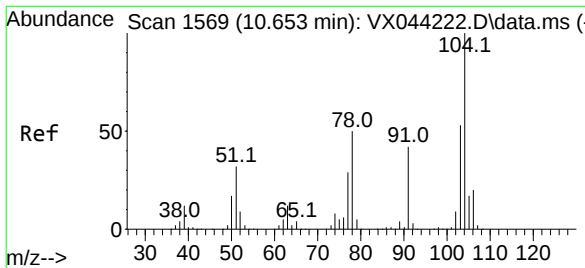
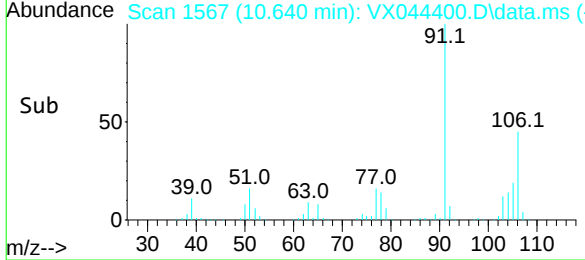
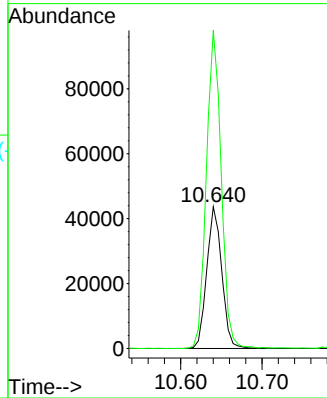
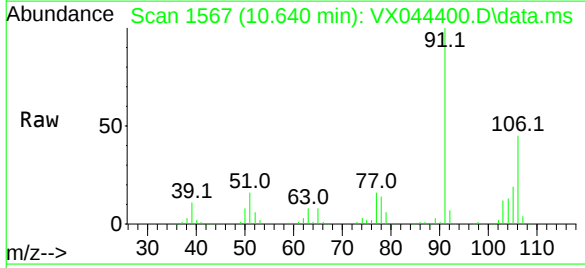
#69
o-Xylene
Concen: 19.761 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion:106 Resp: 56000
Ion Ratio Lower Upper
106 100
91 222.1 112.3 337.0

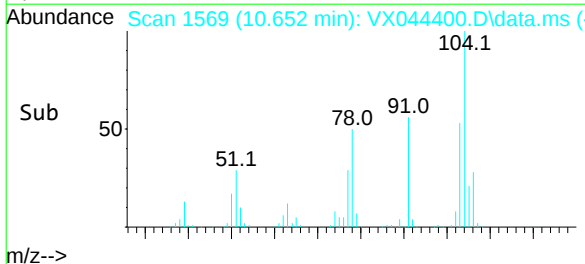
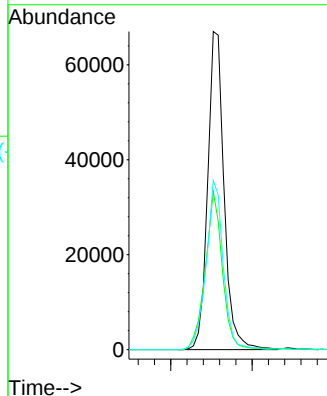
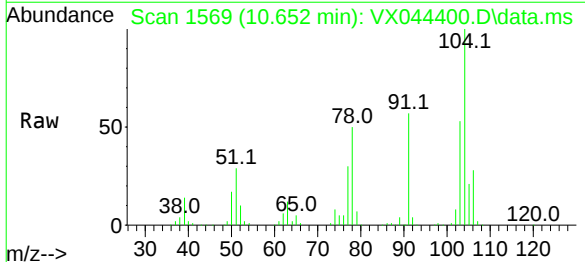
Manual Integrations
APPROVED

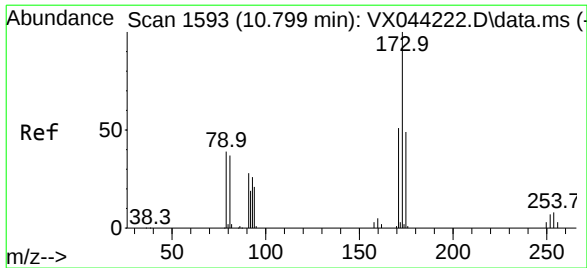
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
Styrene
Concen: 20.654 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion:104 Resp: 93827
Ion Ratio Lower Upper
104 100
78 51.8 44.6 67.0
103 55.4 45.4 68.0





#71

Bromoform

Concen: 19.885 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

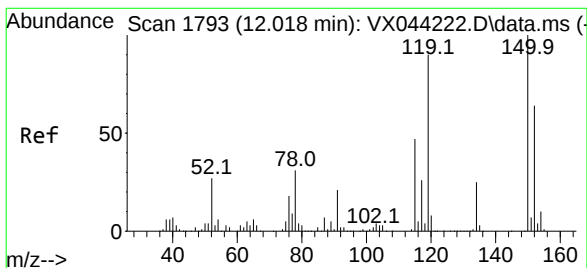
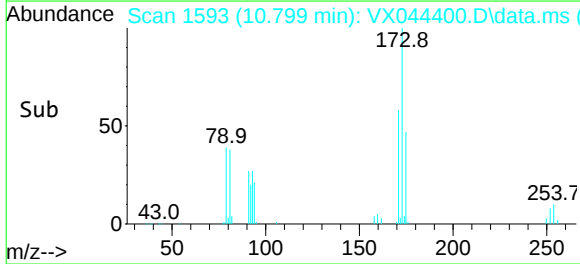
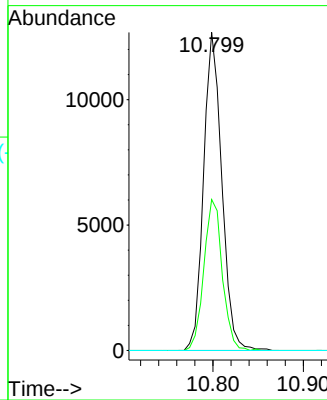
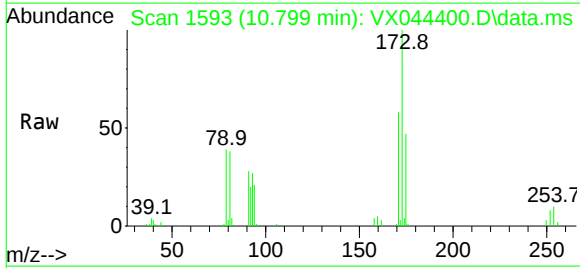
Tgt Ion:	173	Resp:	17746
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

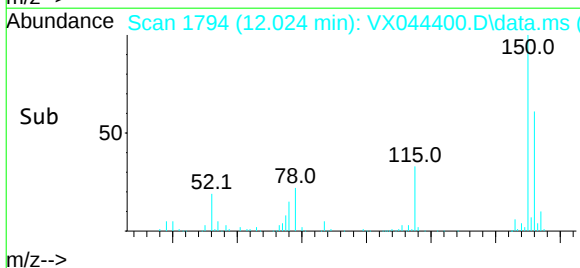
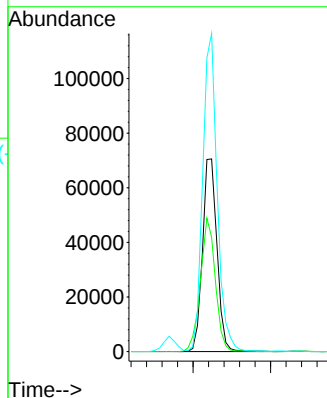
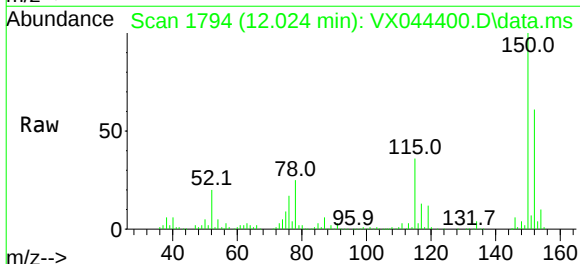
RT: 12.024 min Scan# 1794

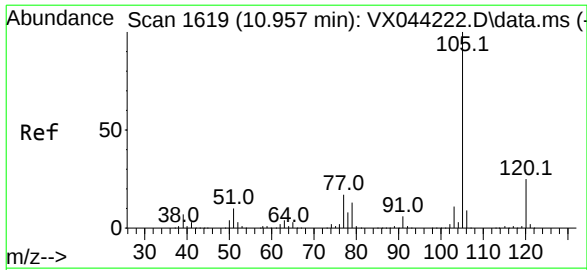
Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Tgt Ion:	152	Resp:	91479
Ion Ratio	Lower	Upper	
152	100		
115	71.4	44.5	133.3
150	164.9	0.0	353.8





#73

Isopropylbenzene

Concen: 20.743 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion:105 Resp: 145263

Ion Ratio Lower Upper

105 100

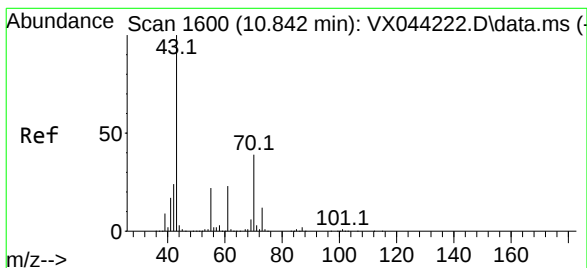
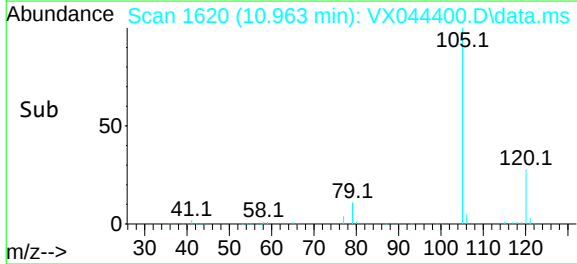
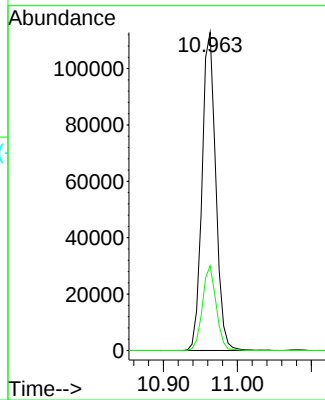
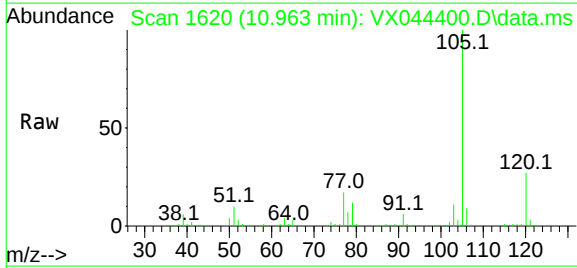
120 26.6 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 19.988 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Tgt Ion: 43 Resp: 64691

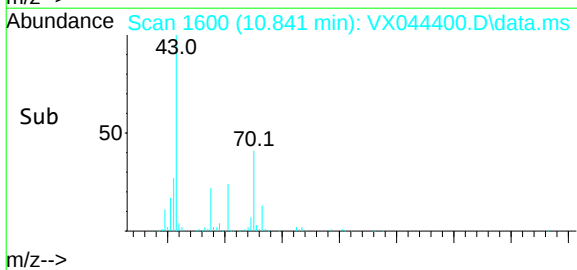
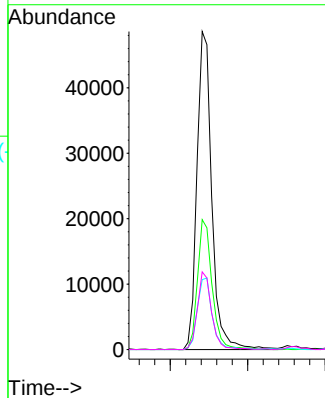
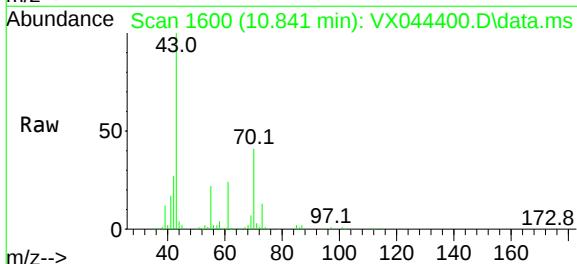
Ion Ratio Lower Upper

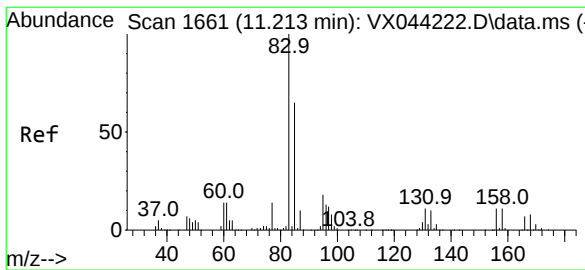
43 100

70 40.3 31.9 47.9

55 22.8 17.9 26.9

61 23.2 17.9 26.9





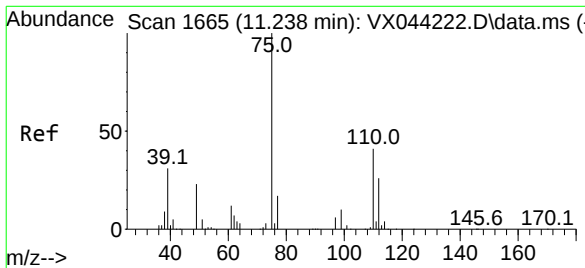
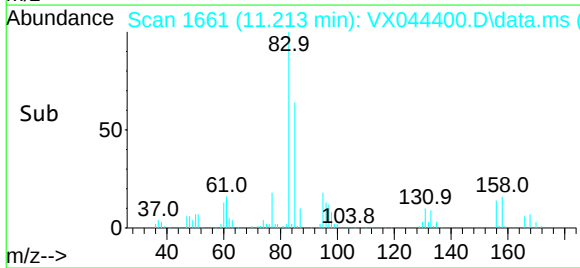
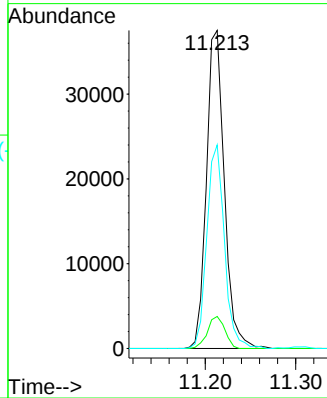
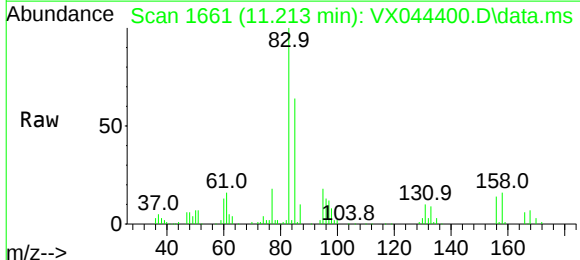
#75
1,1,2,2-Tetrachloroethane
Concen: 21.204 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.4
85	63.0	32.5	97.4

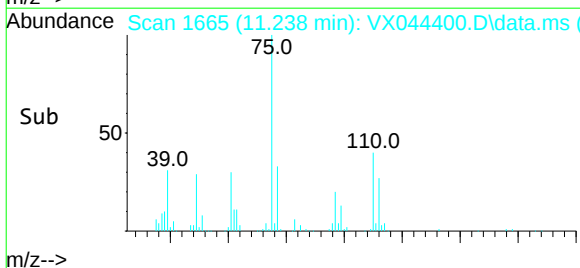
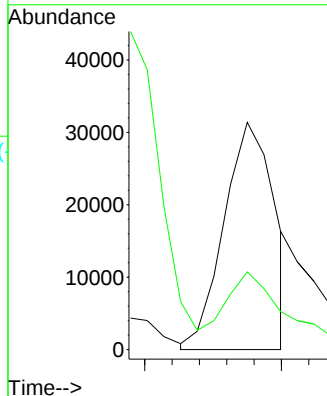
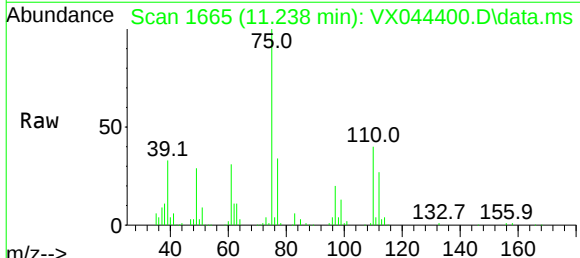
Manual Integrations
APPROVED

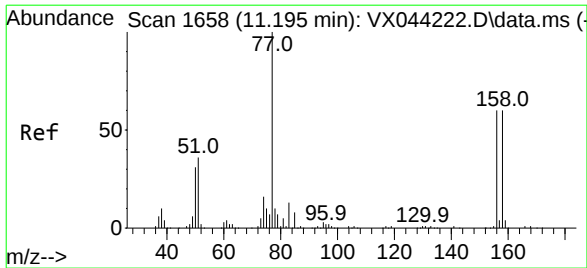
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#76
1,2,3-Trichloropropane
Concen: 19.722 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.1	20.9	62.7





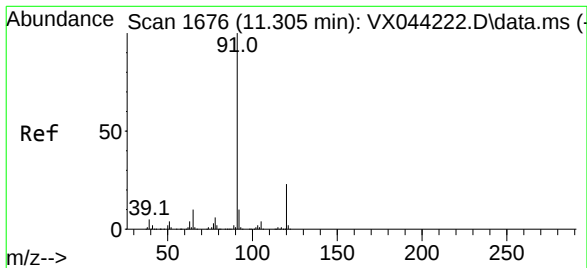
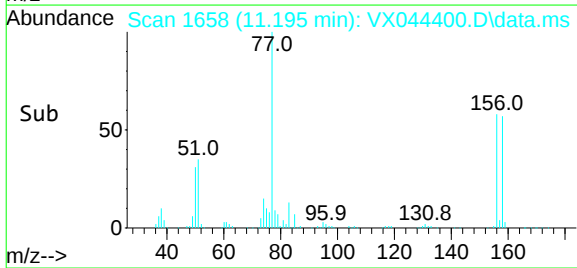
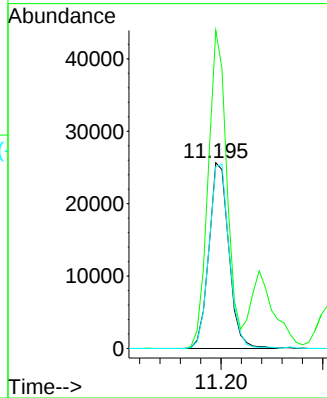
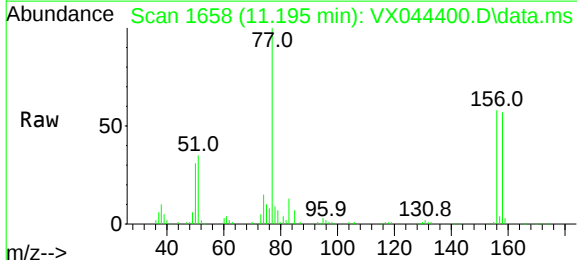
#77
Bromobenzene
Concen: 20.524 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02

Tgt Ion:156 Resp: 34854
Ion Ratio Lower Upper
156 100
77 160.9 82.6 247.8
158 100.5 48.8 146.4

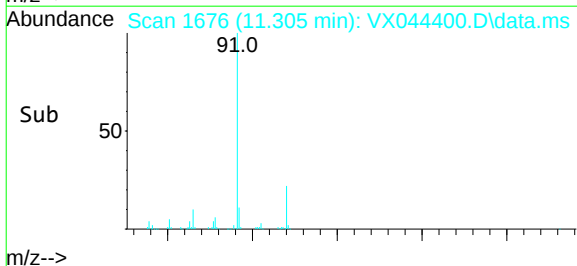
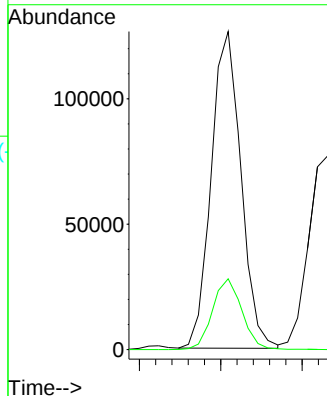
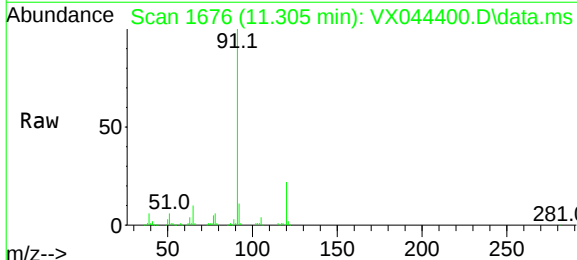
Manual Integrations
APPROVED

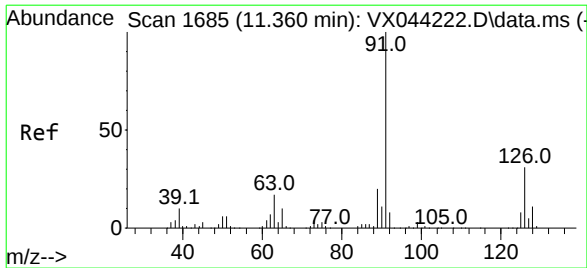
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 20.742 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 91 Resp: 160552
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.253 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion: 91 Resp: 101383

Ion Ratio Lower Upper

91 100

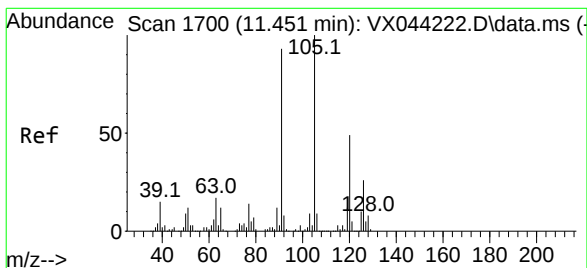
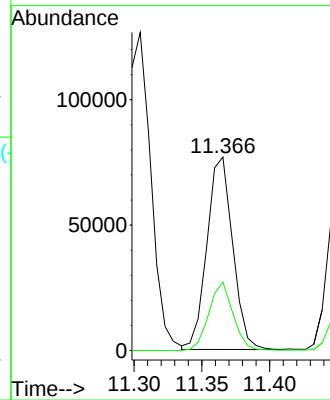
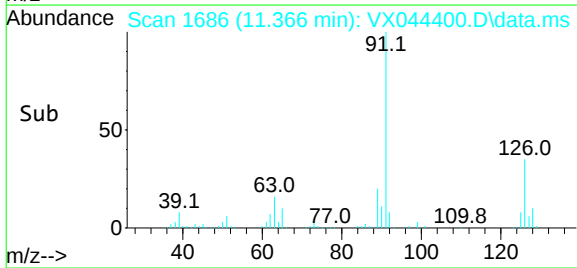
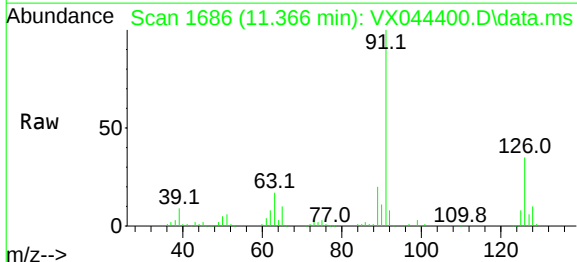
126 33.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.413 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044400.D

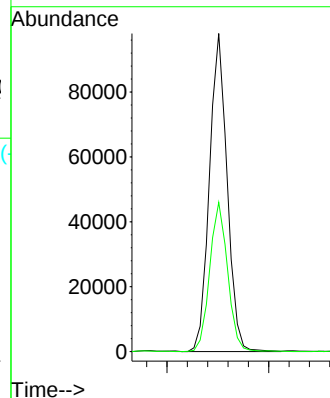
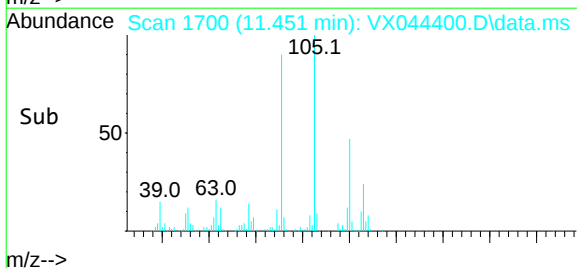
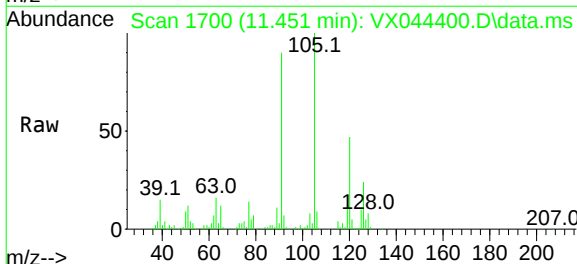
Acq: 18 Dec 2024 23:45

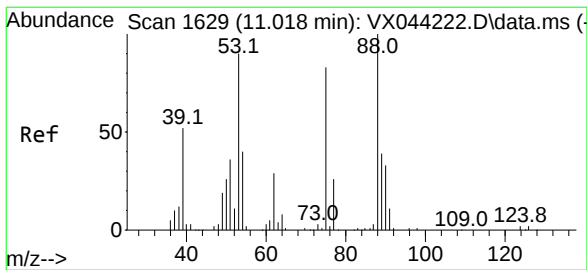
Tgt Ion:105 Resp: 118548

Ion Ratio Lower Upper

105 100

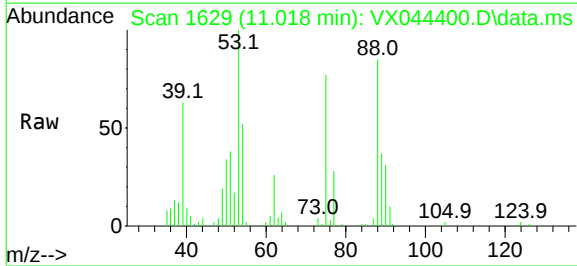
120 47.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.266 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

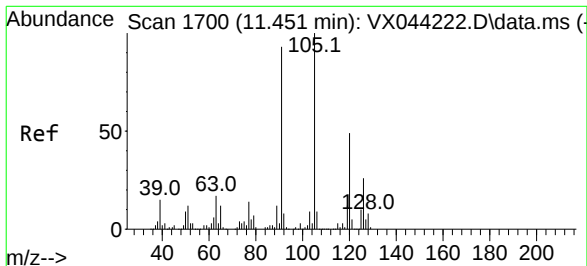
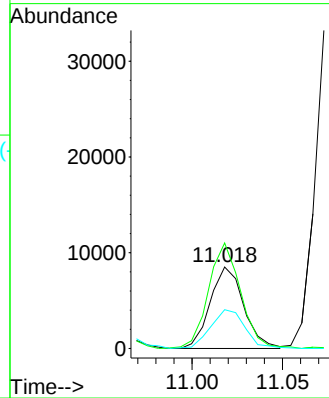
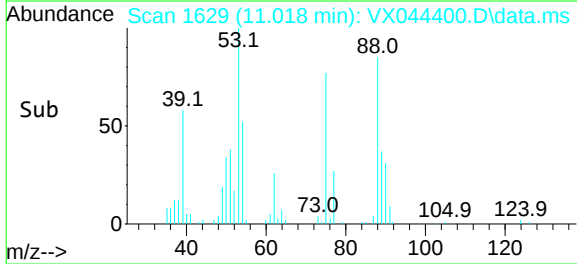
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



Tgt Ion: 75 Resp: 10981
Ion Ratio Lower Upper
75 100
53 124.4 93.6 140.4
89 48.9 37.3 55.9

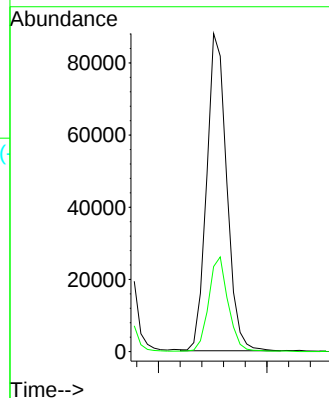
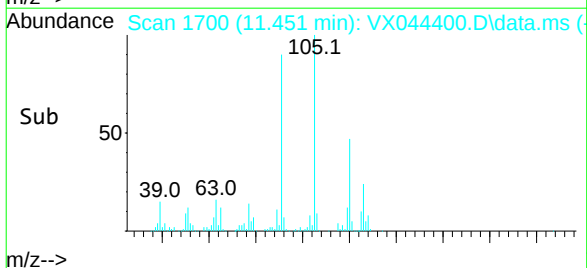
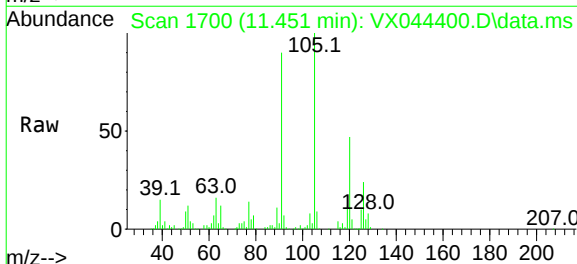
Manual Integrations
APPROVED

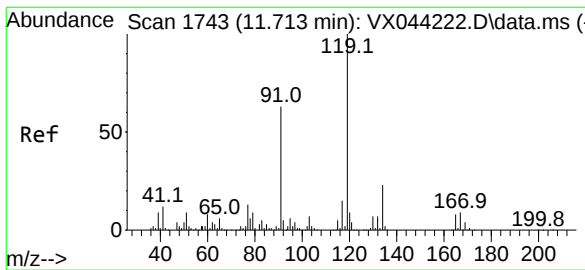
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 20.378 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

Tgt Ion: 91 Resp: 112960
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.5





#83

tert-Butylbenzene

Concen: 20.886 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

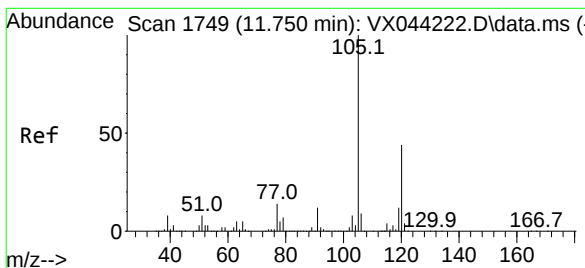
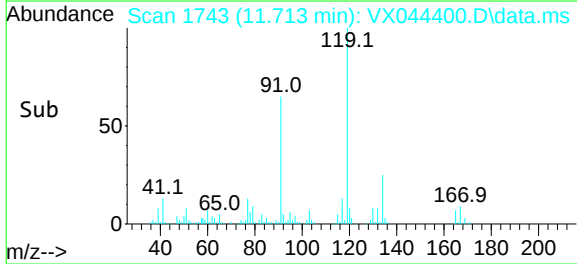
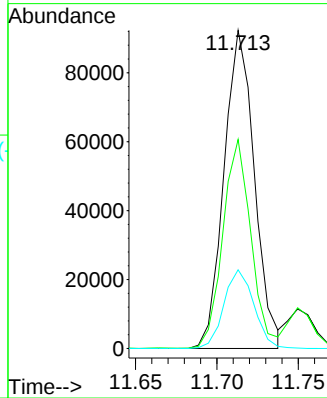
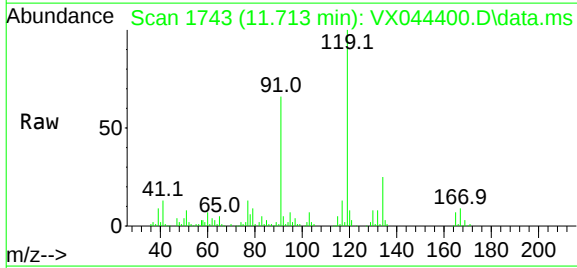
Tgt Ion:	119	Resp:	119874
Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.9	92.5
134	24.4	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.977 ug/l

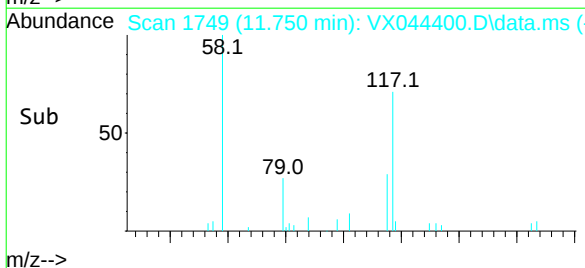
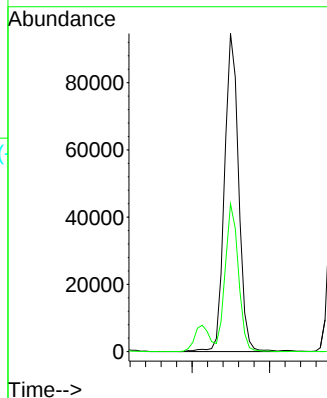
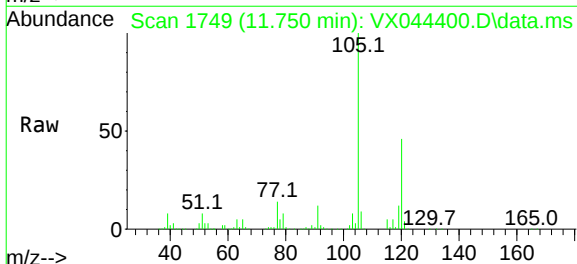
RT: 11.750 min Scan# 1749

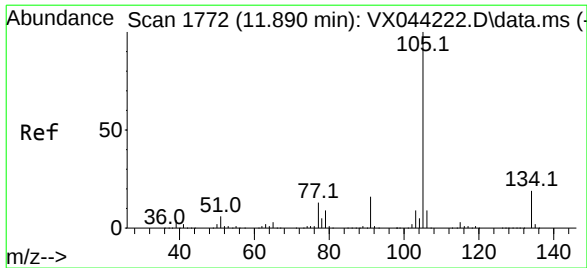
Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Tgt Ion:	105	Resp:	119643
Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.7	65.1





#85

sec-Butylbenzene

Concen: 20.884 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

Tgt Ion:105 Resp: 145511

Ion Ratio Lower Upper

105 100

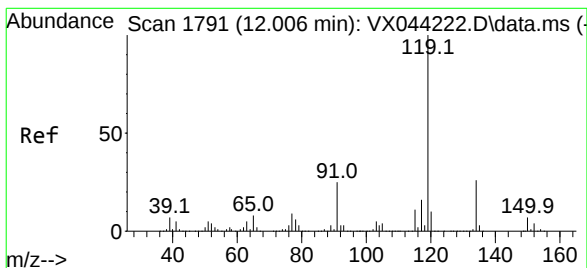
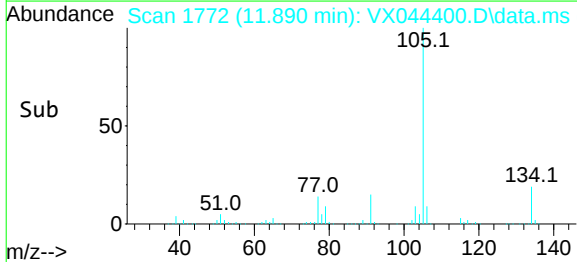
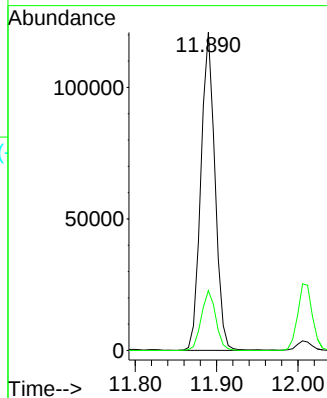
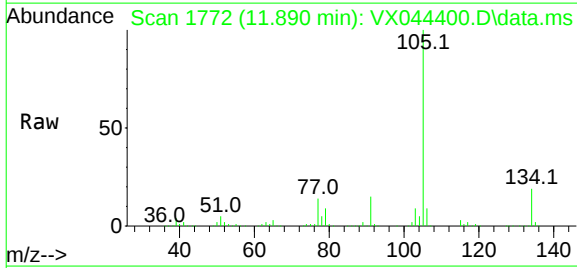
134 19.3 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#86

p-Isopropyltoluene

Concen: 20.748 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

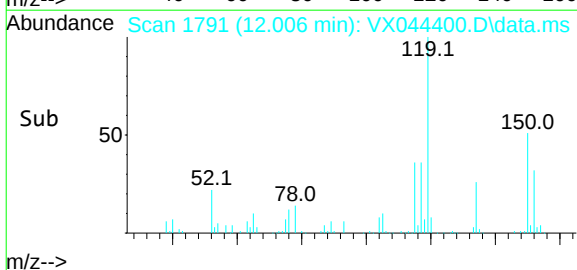
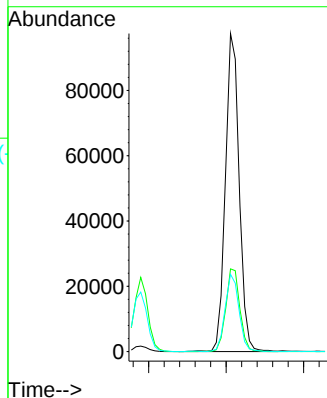
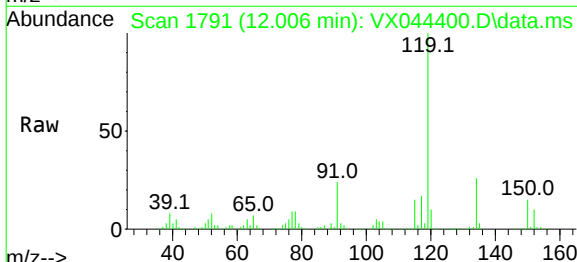
Tgt Ion:119 Resp: 120321

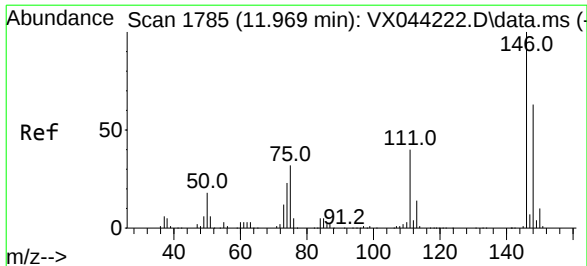
Ion Ratio Lower Upper

119 100

134 26.6 12.8 38.4

91 24.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.878 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

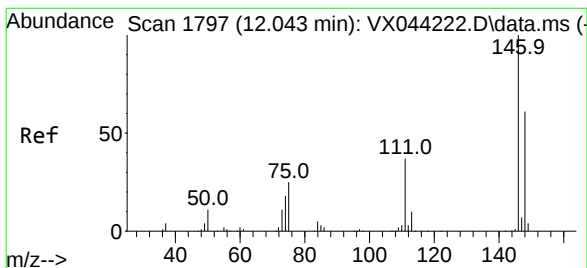
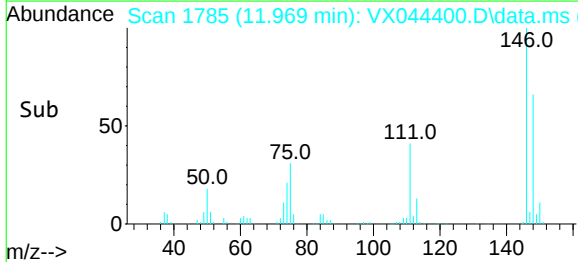
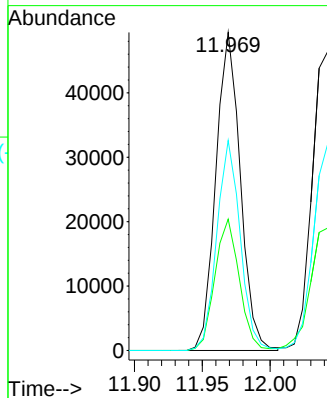
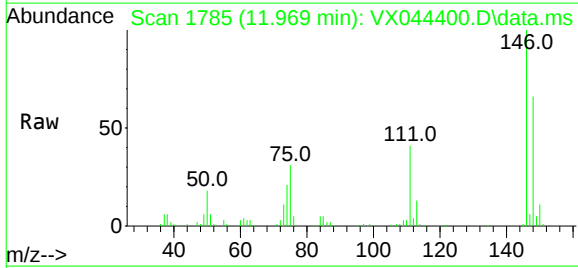
Tgt Ion:	146	Resp:	61932
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.4	64.2
148	63.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 20.325 ug/l

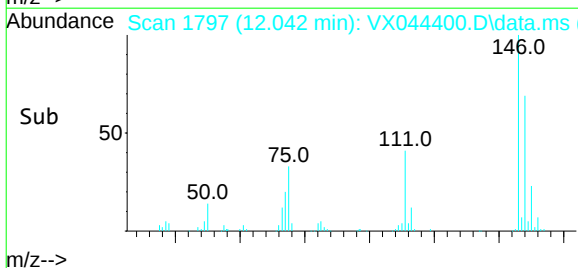
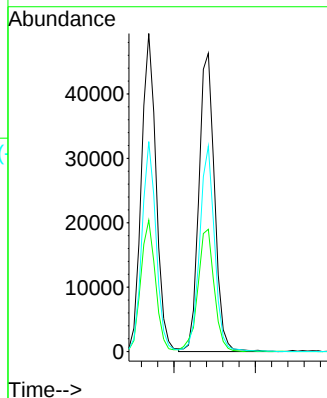
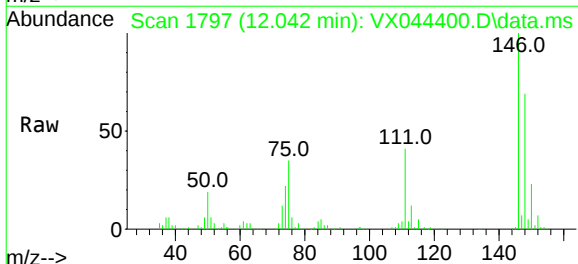
RT: 12.042 min Scan# 1797

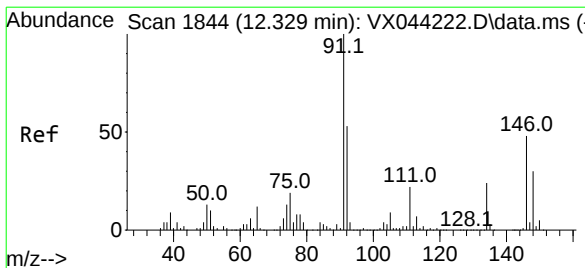
Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Tgt Ion:	146	Resp:	61979
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.0	63.0
148	65.9	32.3	96.8





#89

n-Butylbenzene

Concen: 19.274 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

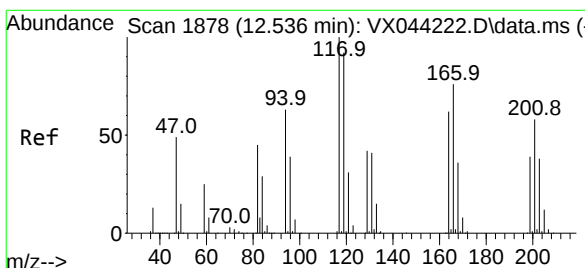
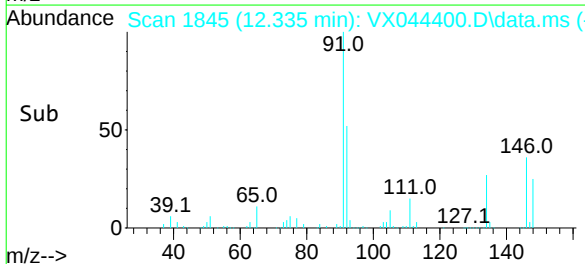
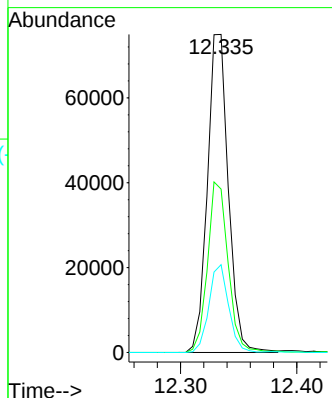
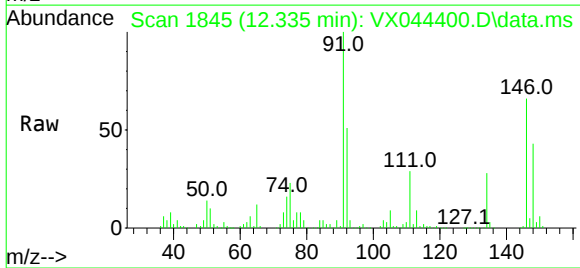
Tgt Ion:	91	Resp:	93988
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.6	79.7
134	26.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#90

Hexachloroethane

Concen: 19.446 ug/l

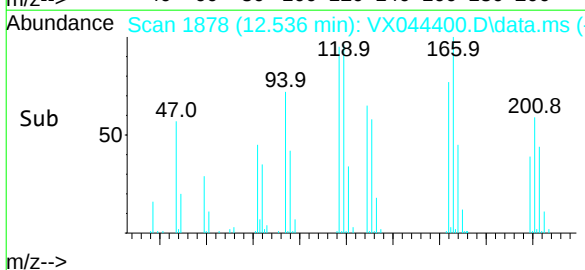
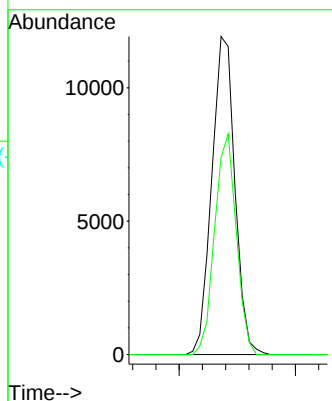
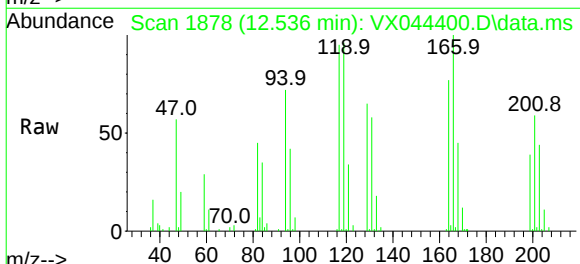
RT: 12.536 min Scan# 1878

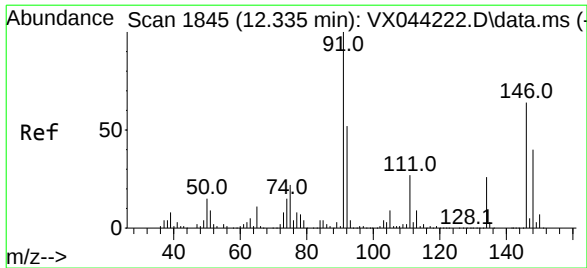
Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

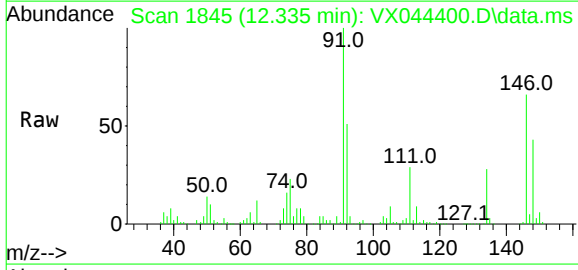
Tgt Ion:	117	Resp:	16462
Ion Ratio	Lower	Upper	
117	100		
201	64.8	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 20.358 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45

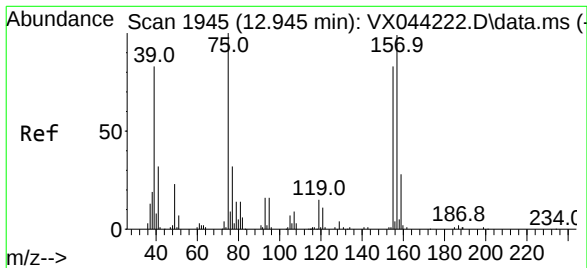
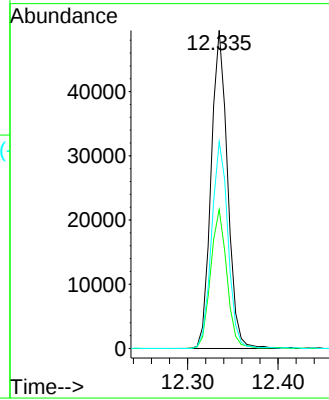
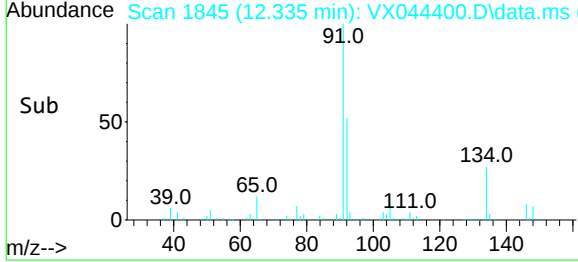
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD02



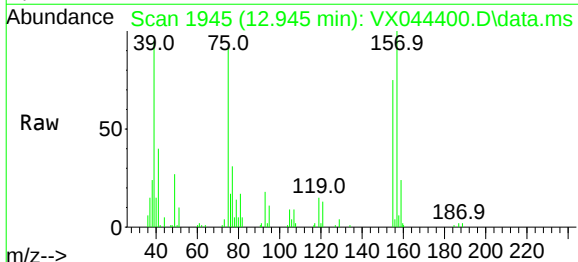
Tgt Ion: 146 Resp: 62705
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 64.9 31.6 95.0

Manual Integrations
APPROVED

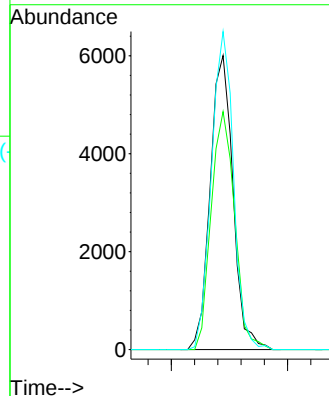
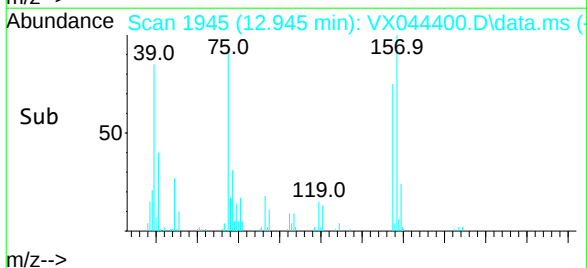
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

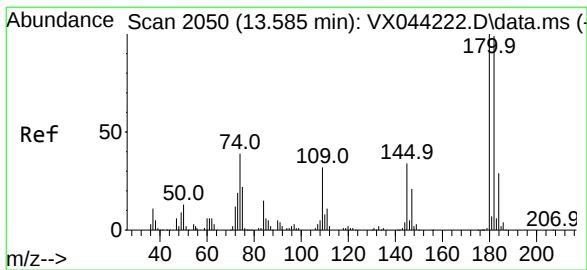


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.347 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044400.D
Acq: 18 Dec 2024 23:45



Tgt Ion: 75 Resp: 8191
Ion Ratio Lower Upper
75 100
155 83.2 38.1 114.3
157 104.6 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 19.821 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

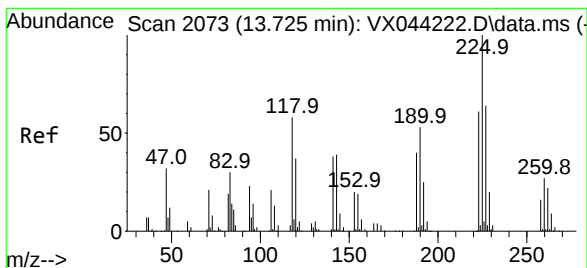
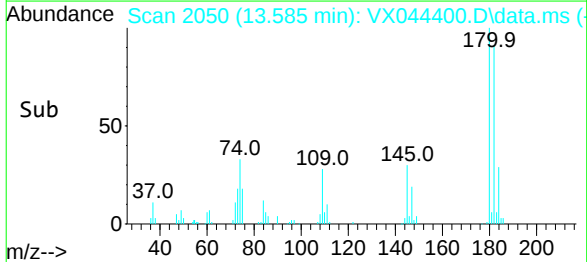
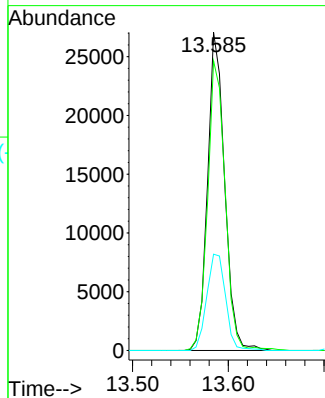
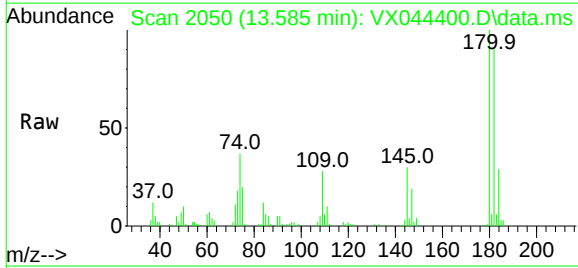
Tgt Ion:	180	Resp:	33471
Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.2
145	33.5	16.6	49.7

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2024



#94

Hexachlorobutadiene

Concen: 20.322 ug/l

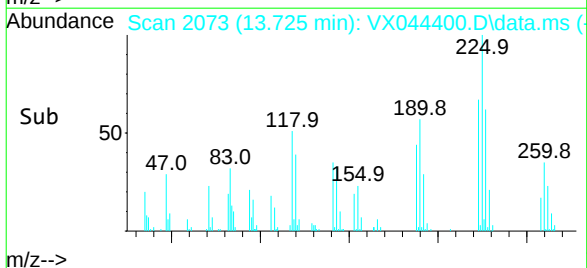
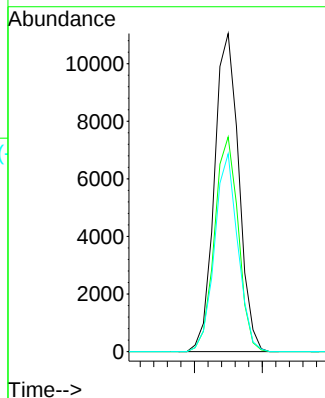
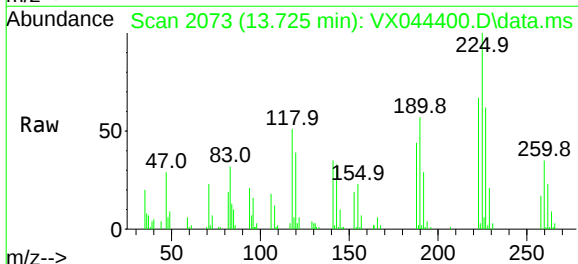
RT: 13.725 min Scan# 2073

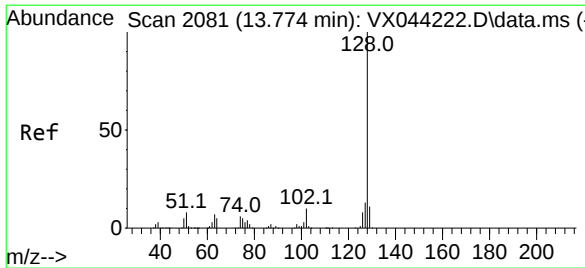
Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Tgt Ion:	225	Resp:	13803
Ion	Ratio	Lower	Upper
225	100		
223	65.7	30.8	92.4
227	59.3	32.1	96.3





#95

Naphthalene

Concen: 18.980 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD02

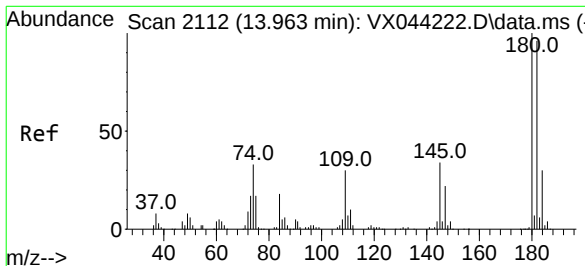
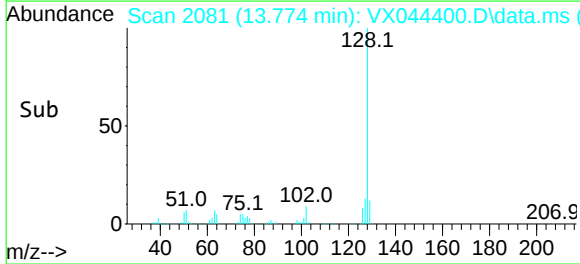
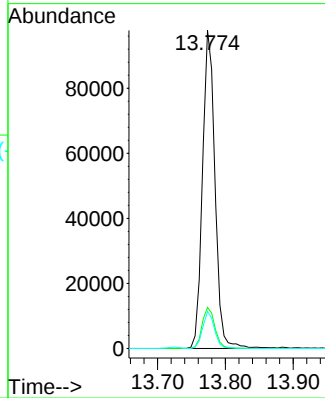
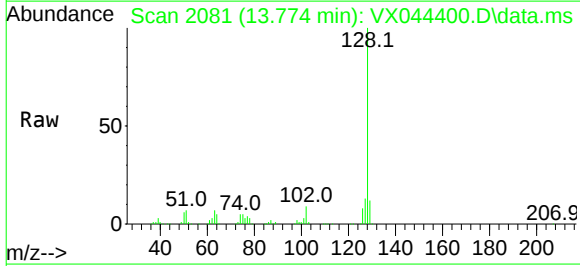
Tgt Ion:	128	Resp:	125104
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.0	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.102 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044400.D

Acq: 18 Dec 2024 23:45

Tgt Ion:	180	Resp:	36004
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.0	144.0
145	32.3	17.7	53.1

