

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043921.D
 Acq On : 20 Nov 2024 18:30
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 21 05:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	167319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	307932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103022	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	400156	155.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	311.400%#
35) Dibromofluoromethane	5.379	113	322351	155.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	311.800%#
50) Toluene-d8	8.647	98	1050711	152.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	304.220%#
62) 4-Bromofluorobenzene	11.079	95	325275	142.505	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	285.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	300725	177.623	ug/l	97
3) Chloromethane	1.295	50	357139	168.784	ug/l	100
4) Vinyl Chloride	1.374	62	357969	168.380	ug/l	99
5) Bromomethane	1.593	94	145014	150.164	ug/l	97
6) Chloroethane	1.660	64	130065m	128.092	ug/l	
7) Trichlorofluoromethane	1.861	101	488433	161.149	ug/l	98
8) Diethyl Ether	2.136	74	180630	158.073	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	292241	162.926	ug/l	98
10) Methyl Iodide	2.441	142	382355	151.463	ug/l	99
11) Tert butyl alcohol	3.020	59	377277	923.153	ug/l	97
12) 1,1-Dichloroethene	2.307	96	288594	165.774	ug/l	97
13) Acrolein	2.239	56	374936	818.038	ug/l	100
14) Allyl chloride	2.654	41	482011	170.773	ug/l	98
15) Acrylonitrile	3.069	53	873907	830.686	ug/l	100
16) Acetone	2.392	43	791455	766.738	ug/l	98
17) Carbon Disulfide	2.495	76	713516	187.709	ug/l	100
18) Methyl Acetate	2.709	43	442356	156.489	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	1039680	161.574	ug/l	99
20) Methylene Chloride	2.782	84	331677	153.508	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	307739	162.144	ug/l	99
22) Diisopropyl ether	3.764	45	971442	157.536	ug/l	99
23) Vinyl Acetate	3.721	43	4302896	860.886	ug/l	100
24) 1,1-Dichloroethane	3.605	63	581442	160.326	ug/l	100
25) 2-Butanone	4.568	43	1193790	826.713	ug/l	98
26) 2,2-Dichloropropane	4.471	77	493581	165.616	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	383345	162.303	ug/l	99
28) Bromochloromethane	4.898	49	235764	154.496	ug/l	99
29) Tetrahydrofuran	5.013	42	760349	814.871	ug/l	100
30) Chloroform	5.093	83	597034	157.930	ug/l	96
31) Cyclohexane	5.458	56	462881	157.475	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	537727	166.390	ug/l	99
36) 1,1-Dichloropropene	5.684	75	392871	152.456	ug/l	98
37) Ethyl Acetate	4.721	43	458661	156.625	ug/l	99
38) Carbon Tetrachloride	5.666	117	448669	164.454	ug/l	98
39) Methylcyclohexane	7.373	83	525948	163.033	ug/l	97
40) Benzene	6.031	78	1256878	155.133	ug/l	98

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 VSTDICC150

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	245696	162.565	ug/l	98
42) 1,2-Dichloroethane	6.080	62	449877	152.924	ug/l	99
43) Isopropyl Acetate	6.342	43	755002	165.021	ug/l	99
44) Trichloroethene	7.123	130	322906	144.570	ug/l	99
45) 1,2-Dichloropropane	7.428	63	314541	158.404	ug/l	100
46) Dibromomethane	7.574	93	238635	159.481	ug/l	98
47) Bromodichloromethane	7.818	83	464964	176.856	ug/l	98
48) Methyl methacrylate	7.696	41	367099	161.883	ug/l	98
49) 1,4-Dioxane	7.665	88	163932m	3403.896	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	2334520	818.342	ug/l	97
52) Toluene	8.720	92	696641	149.041	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	455394	170.718	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	524114	173.385	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	279701	153.369	ug/l	98
56) Ethyl methacrylate	9.116	69	474704	164.397	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	444602	145.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1267224	836.854	ug/l	100
59) 2-Hexanone	9.433	43	1674444	831.911	ug/l	94
60) Dibromochloromethane	9.519	129	301696	169.772	ug/l	99
61) 1,2-Dibromoethane	9.610	107	277826	146.047	ug/l	99
64) Tetrachloroethene	9.269	164	213991	144.284	ug/l	98
65) Chlorobenzene	10.079	112	730977	151.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	277044	172.351	ug/l	97
67) Ethyl Benzene	10.189	91	1303757	160.398	ug/l	98
68) m/p-Xylenes	10.299	106	907494	299.746	ug/l	96
69) o-Xylene	10.640	106	450970	152.665	ug/l	100
70) Styrene	10.653	104	774418	159.073	ug/l	98
71) Bromoform	10.799	173	194745	148.465	ug/l #	99
73) Isopropylbenzene	10.964	105	1153587	156.870	ug/l	100
74) N-amyl acetate	10.842	43	598048	152.737	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	394247	158.564	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	322285m	153.287	ug/l	
77) Bromobenzene	11.195	156	284369	157.783	ug/l	99
78) n-propylbenzene	11.305	91	1336722	164.741	ug/l	99
79) 2-Chlorotoluene	11.360	91	793603	153.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	963472	158.062	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	137574	153.218	ug/l	100
82) 4-Chlorotoluene	11.451	91	928956	156.233	ug/l	99
83) tert-Butylbenzene	11.713	119	964507	154.685	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	961945	155.395	ug/l	100
85) sec-Butylbenzene	11.890	105	1188523	159.619	ug/l	100
86) p-Isopropyltoluene	12.006	119	1002800	160.393	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	518229	155.151	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	514371	150.209	ug/l	99
89) n-Butylbenzene	12.329	91	922675	173.196	ug/l	99
90) Hexachloroethane	12.536	117	186490	146.779	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	524953	150.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	95327	147.987	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	338901	165.821	ug/l	98
94) Hexachlorobutadiene	13.725	225	128784	153.760	ug/l	98
95) Naphthalene	13.774	128	1237207	162.354	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	340693	159.996	ug/l	99

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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

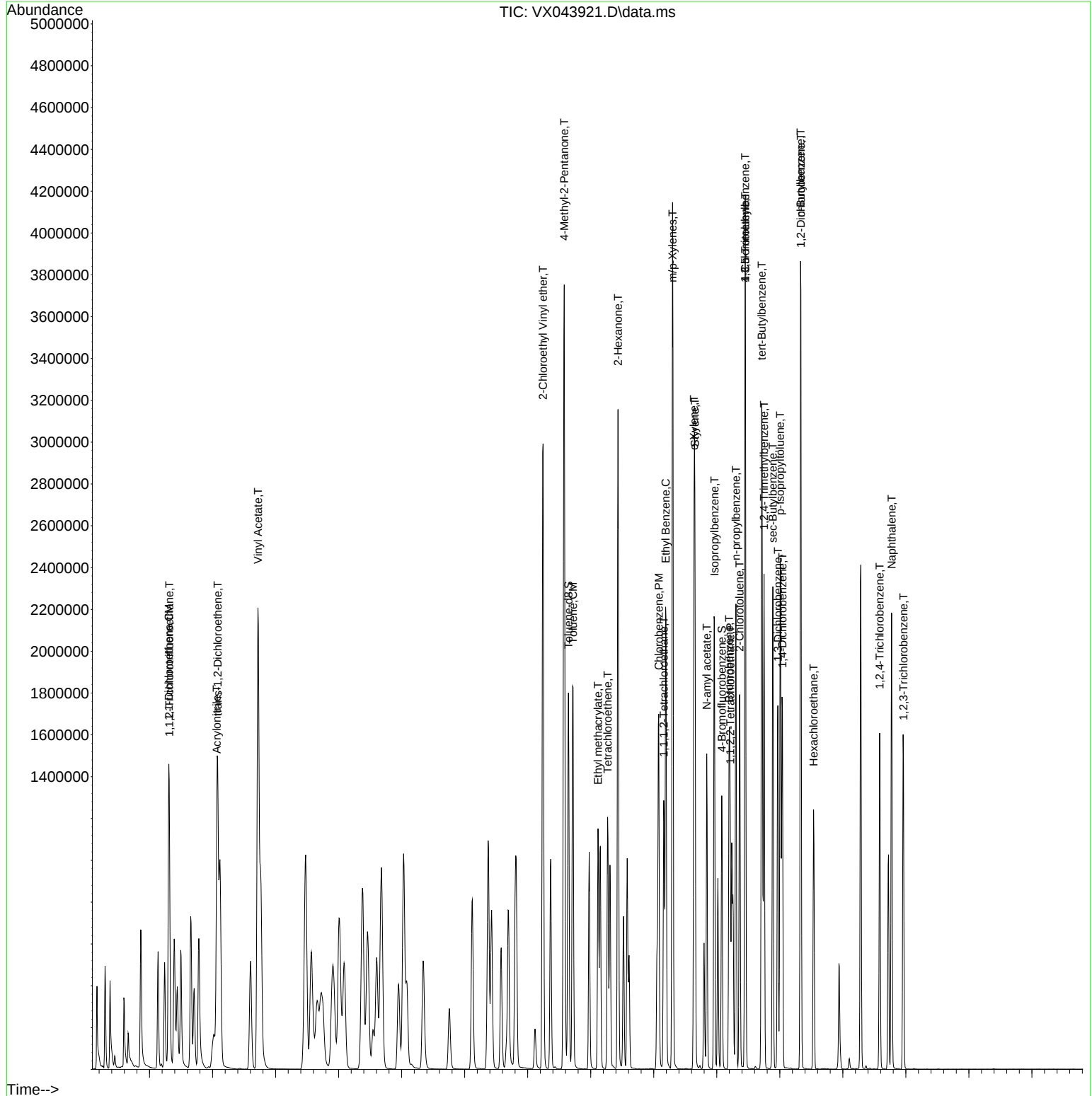
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Data File : VX043921.D
Acq On : 20 Nov 2024 18:30
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

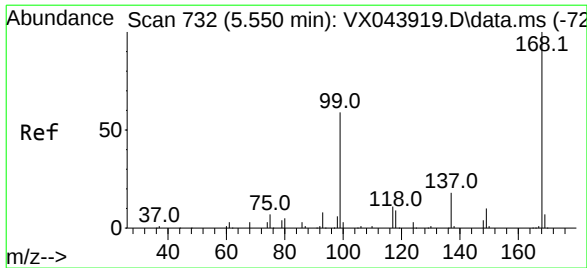
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MSVOA_X
ClientSampleId :
VSTDIC150

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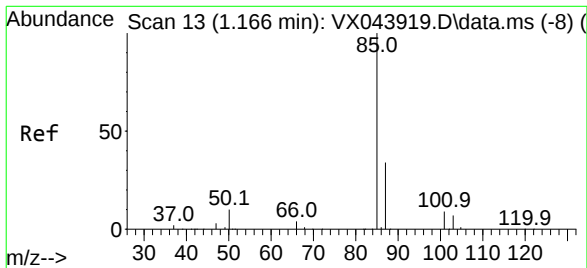
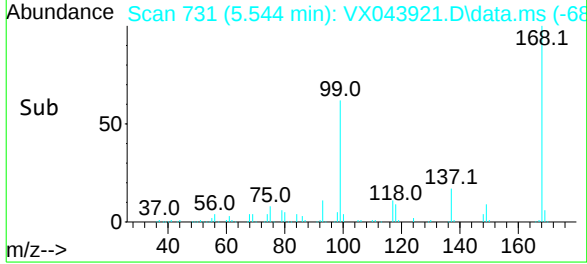
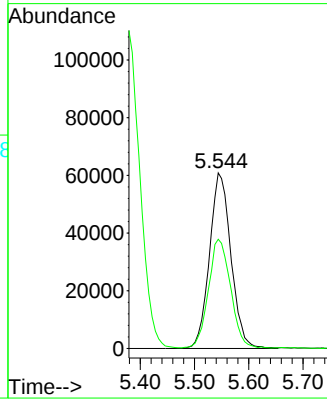
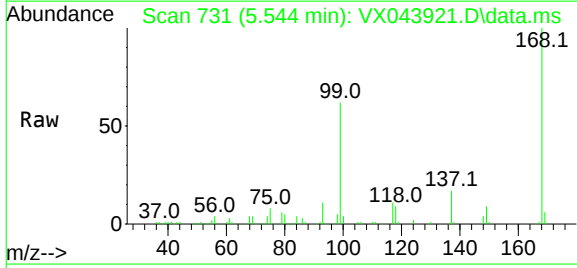
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 167319
Ion Ratio Lower Upper
168 100
99 61.8 46.9 70.3

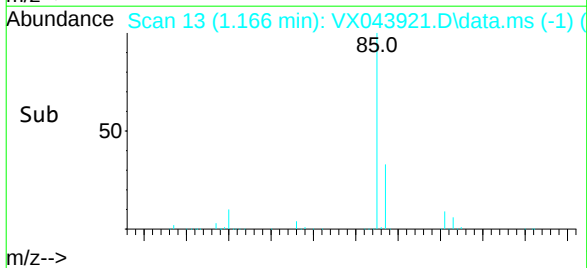
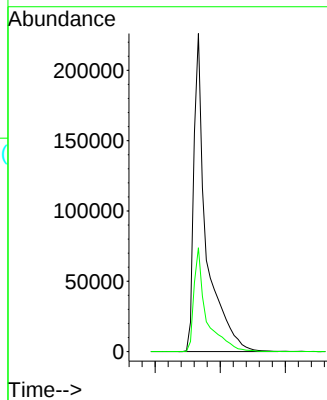
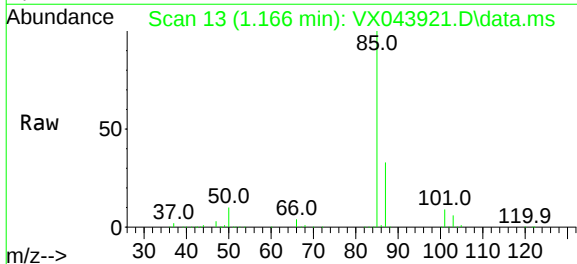
Manual Integrations
APPROVED

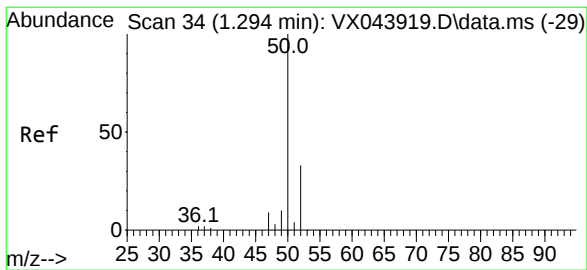
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 177.623 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 85 Resp: 300725
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.2





#3

Chloromethane

Concen: 168.784 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 50 Resp: 357139

Ion Ratio Lower Upper

50 100

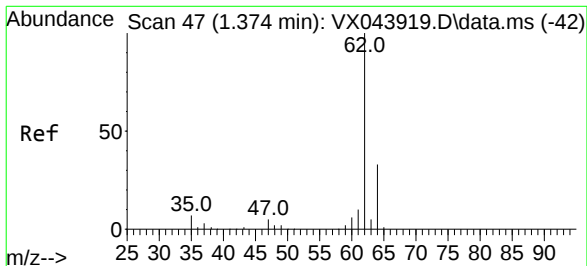
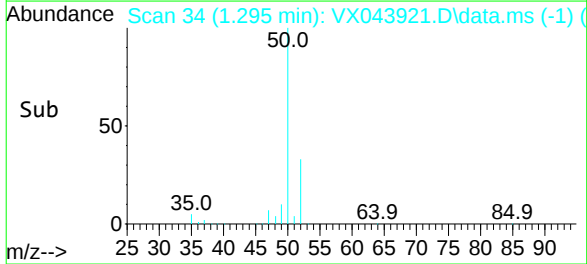
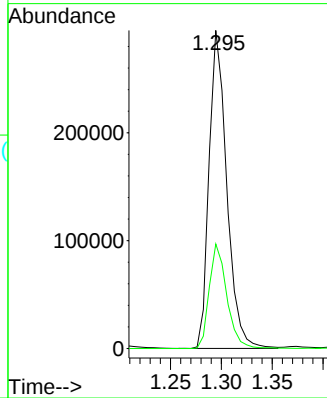
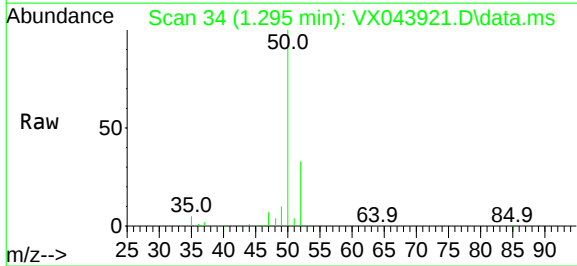
52 32.9 26.2 39.2

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 168.380 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX043921.D

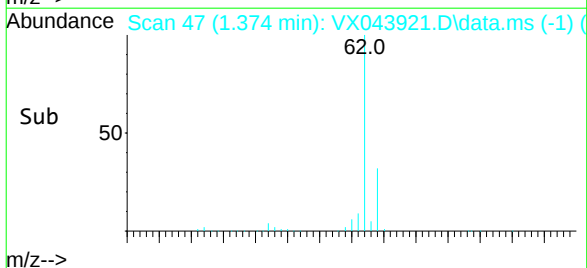
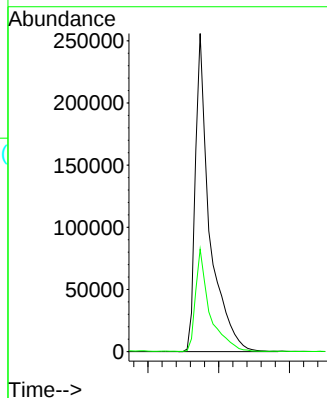
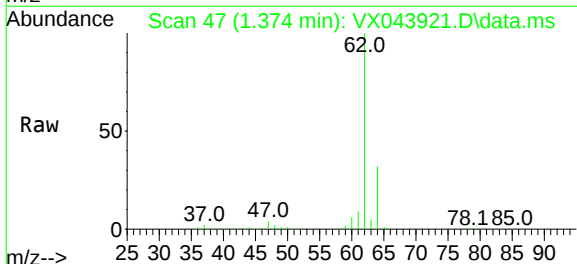
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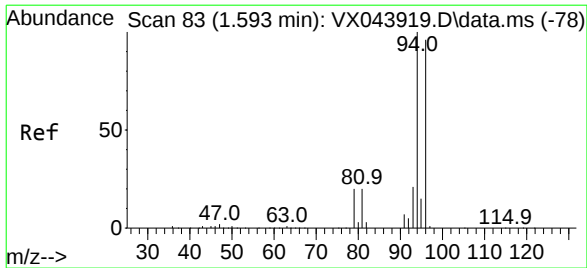
Tgt Ion: 62 Resp: 357969

Ion Ratio Lower Upper

62 100

64 32.2 26.1 39.1





#5

Bromomethane

Concen: 150.164 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 94 Resp: 145014

Ion Ratio Lower Upper

94 100

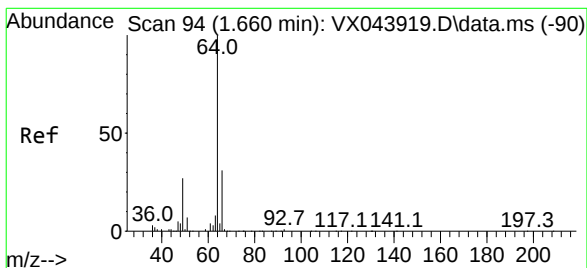
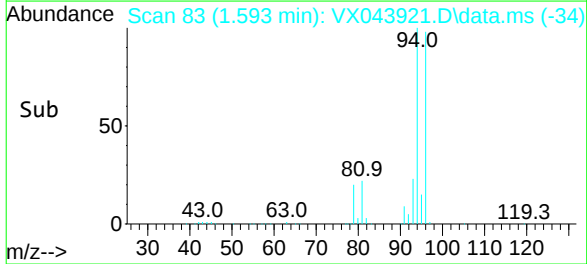
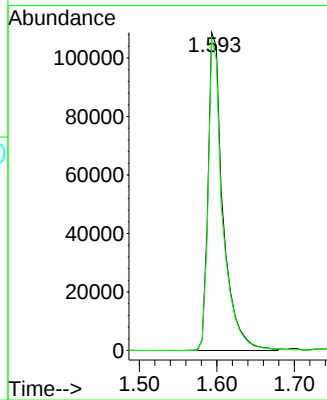
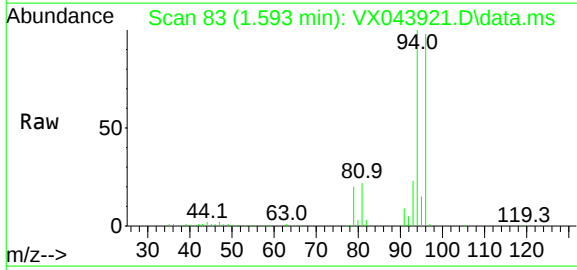
96 98.1 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 128.092 ug/l m

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX043921.D

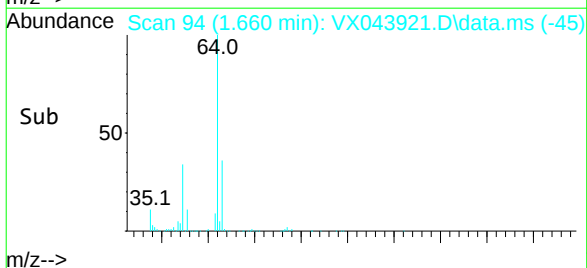
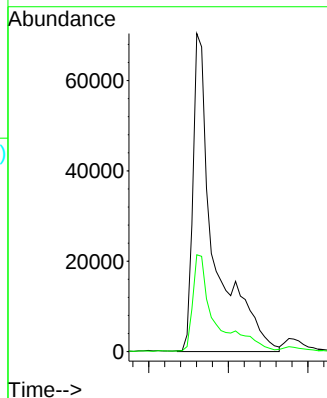
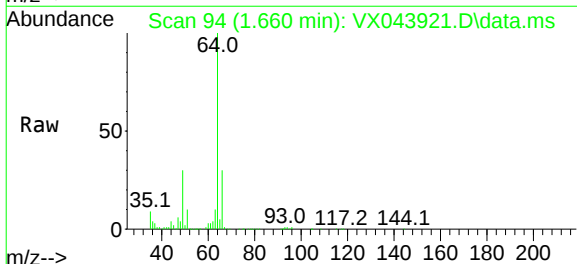
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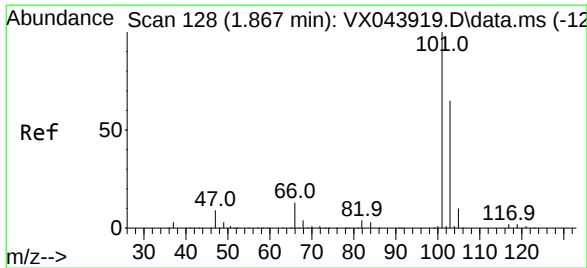
Tgt Ion: 64 Resp: 130065

Ion Ratio Lower Upper

64 100

66 30.4 24.9 37.3





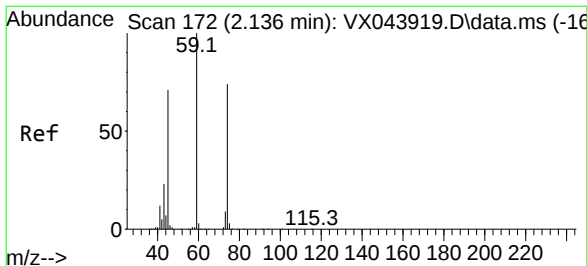
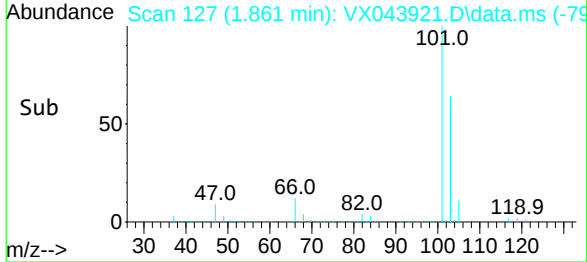
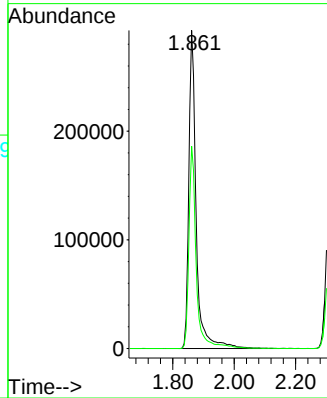
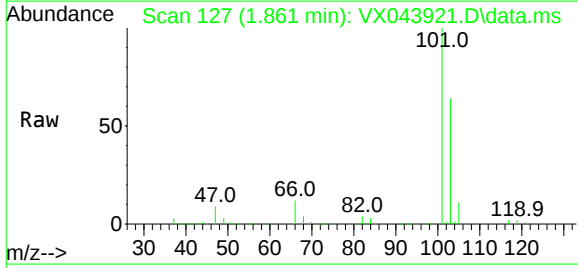
#7
 Trichlorofluoromethane
 Concen: 161.149 ug/l
 RT: 1.861 min Scan# 128
 Delta R.T. -0.006 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 101 Resp: 488433
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.4

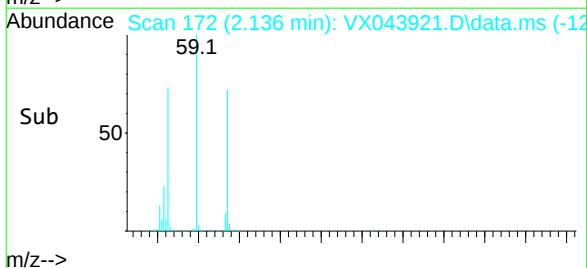
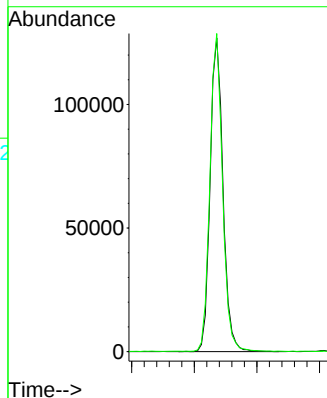
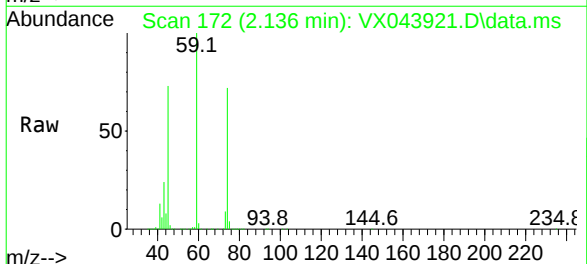
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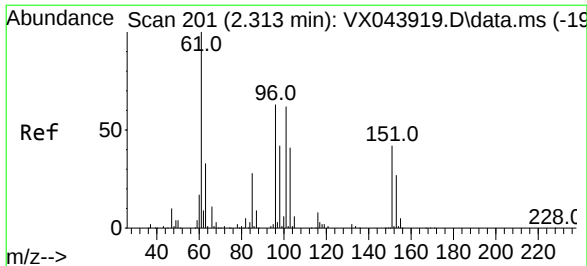
Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024



#8
 Diethyl Ether
 Concen: 158.073 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

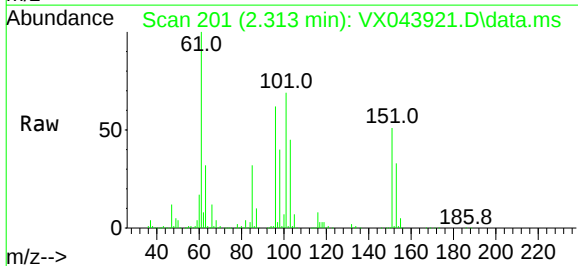
Tgt Ion: 74 Resp: 180630
 Ion Ratio Lower Upper
 74 100
 45 99.8 49.9 149.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 162.926 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

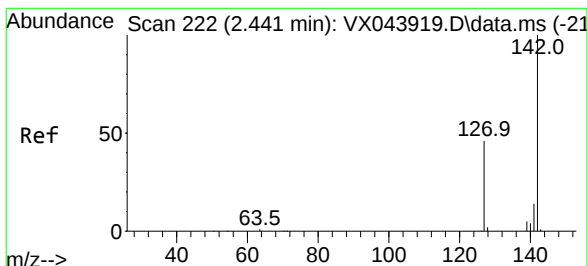
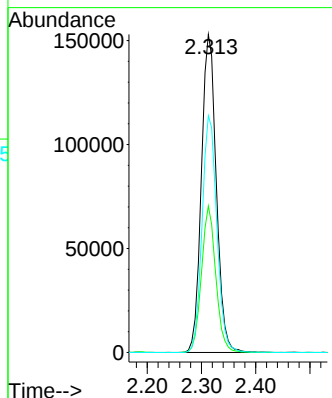
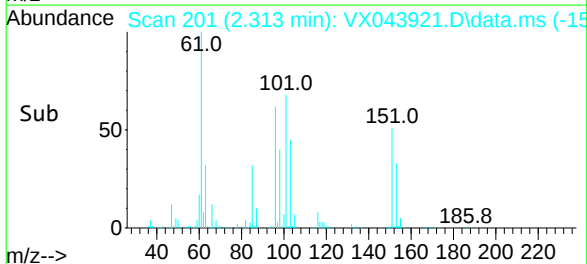
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 292241
Ion Ratio Lower Upper
101 100
85 44.1 36.6 54.8
151 73.9 59.8 89.6

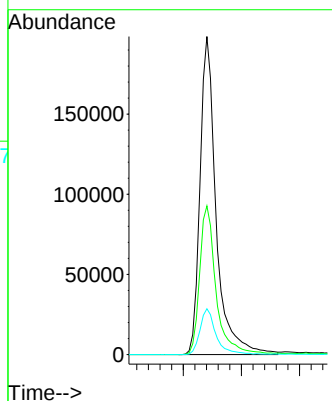
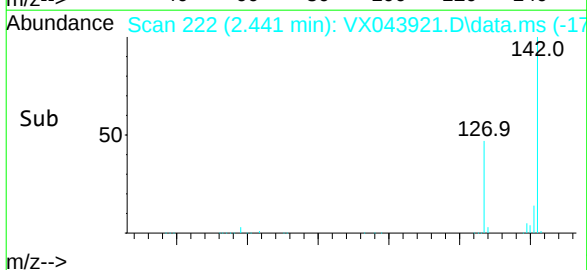
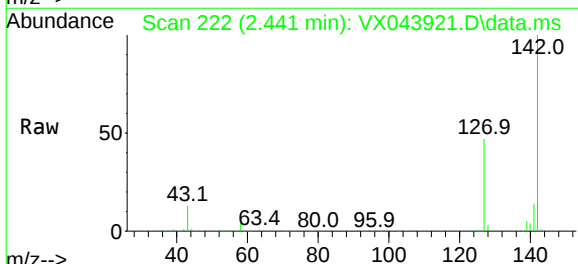
Manual Integrations
APPROVED

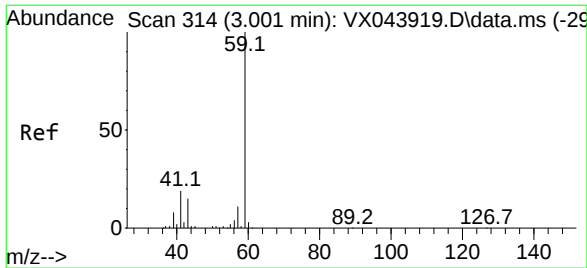
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 151.463 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:142 Resp: 382355
Ion Ratio Lower Upper
142 100
127 47.8 37.3 55.9
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 923.153 ug/l

RT: 3.020 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 377277

Ion Ratio Lower Upper

59 100

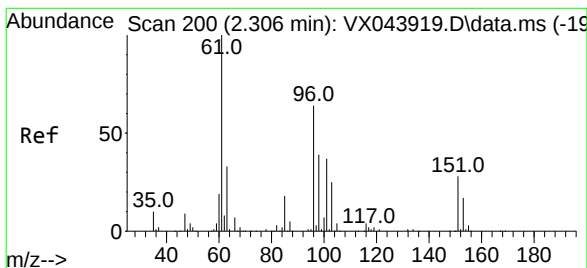
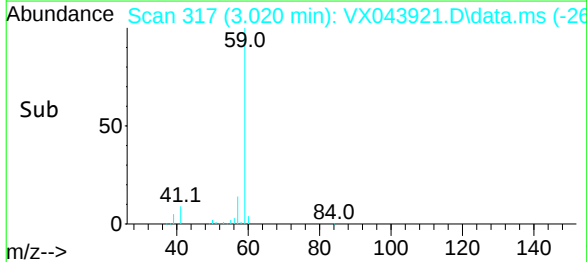
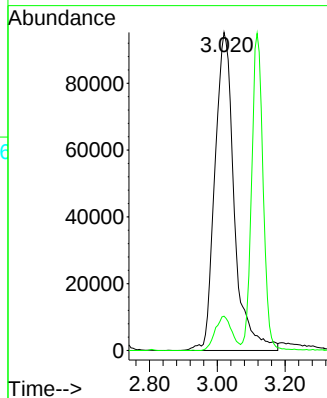
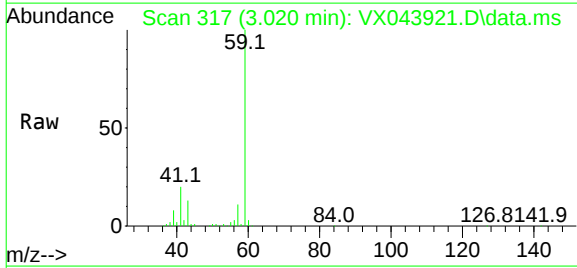
57 9.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#12

1,1-Dichloroethene

Concen: 165.774 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

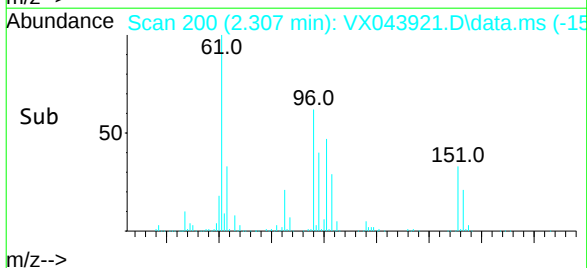
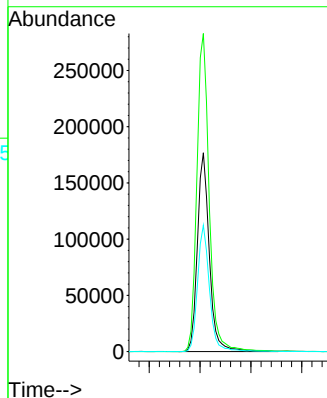
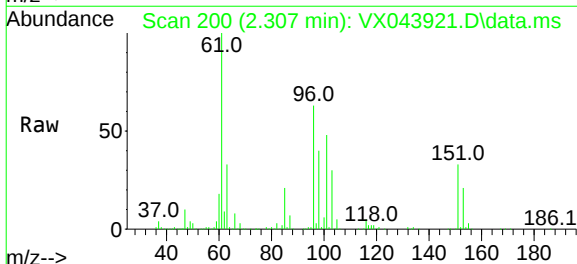
Tgt Ion: 96 Resp: 288594

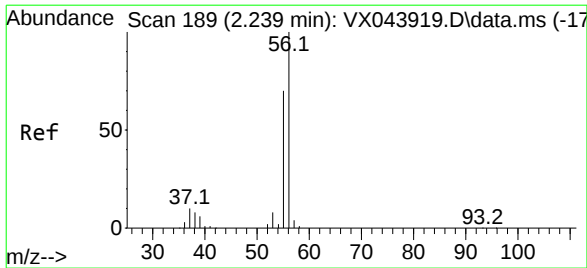
Ion Ratio Lower Upper

96 100

61 160.0 124.6 187.0

98 63.5 49.0 73.6





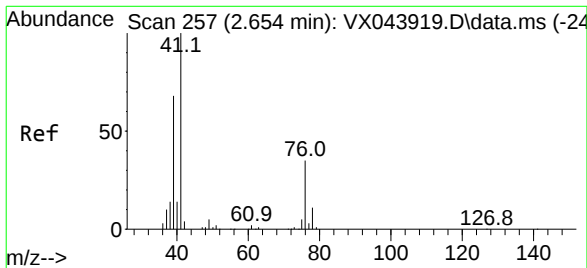
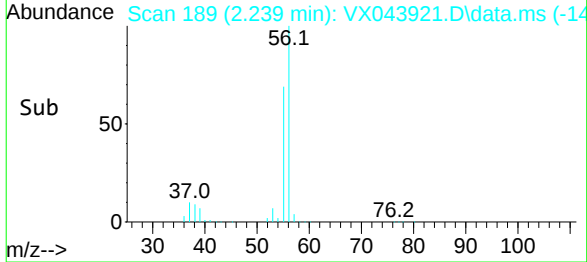
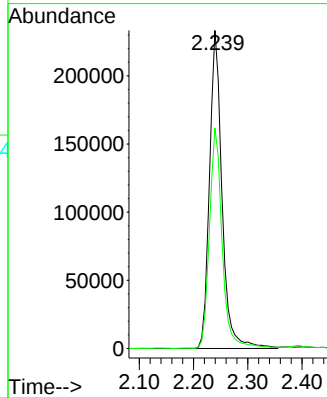
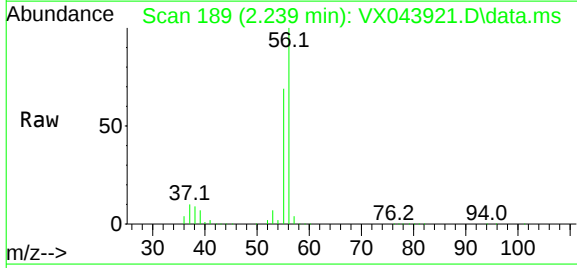
#13
Acrolein
Concen: 818.038 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 374936
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

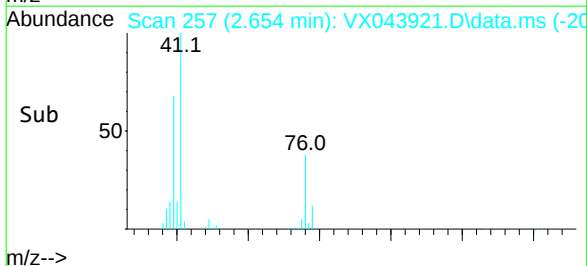
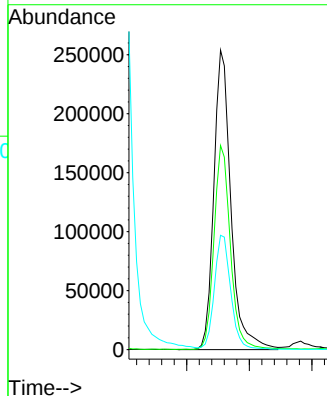
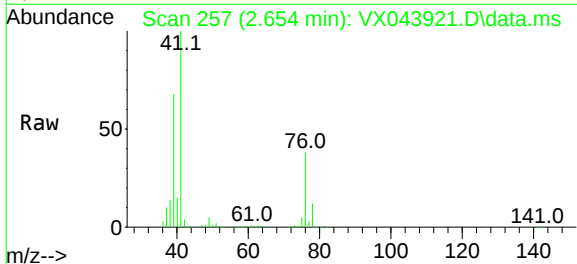
Manual Integrations
APPROVED

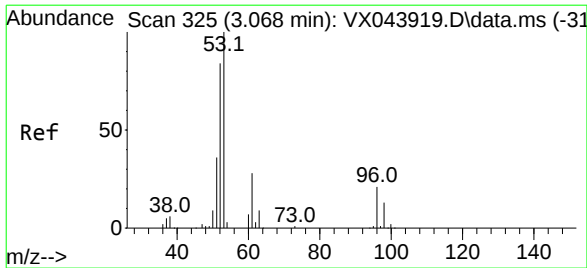
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Allyl chloride
Concen: 170.773 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 41 Resp: 482011
Ion Ratio Lower Upper
41 100
39 65.5 51.7 77.5
76 36.7 28.2 42.2





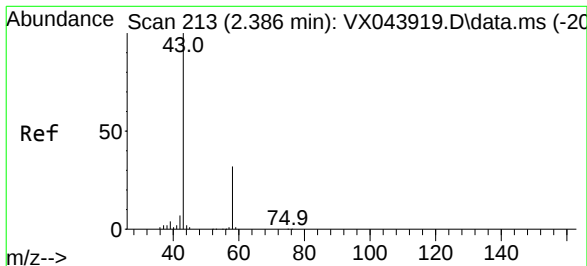
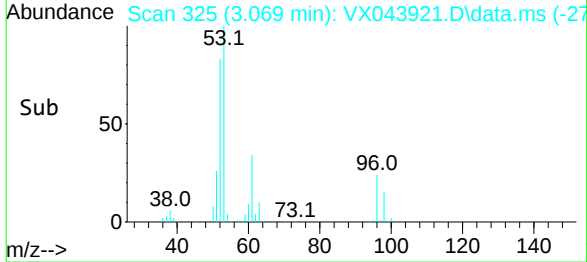
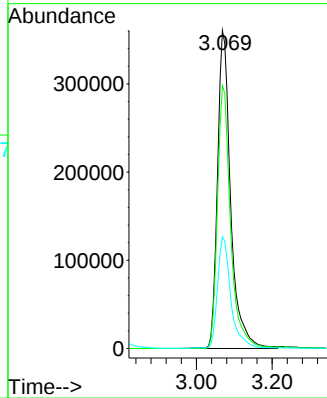
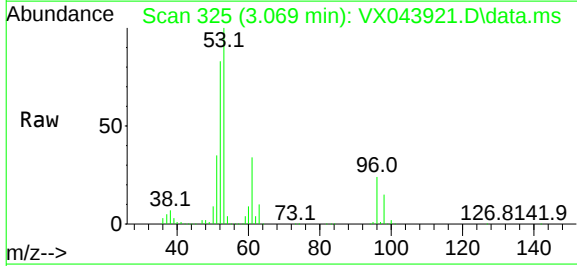
#15
Acrylonitrile
Concen: 830.686 ug/l
RT: 3.069 min Scan# 32
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.8
51	35.8	28.6	42.8

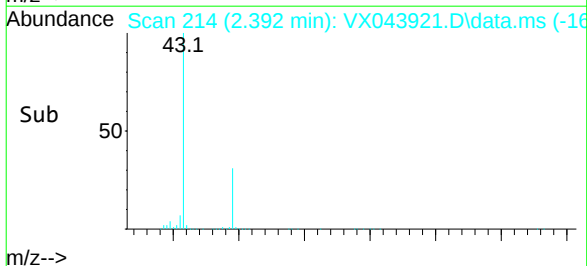
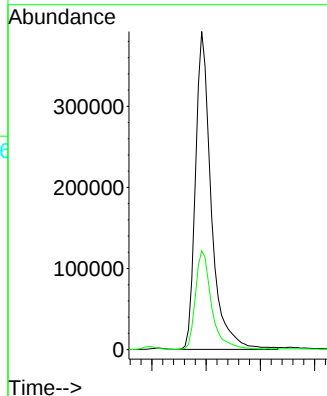
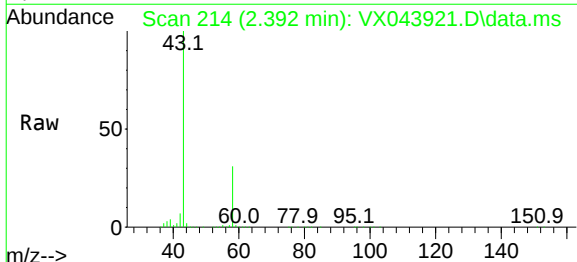
Manual Integrations
APPROVED

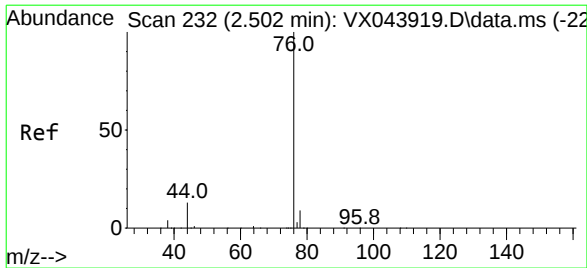
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Acetone
Concen: 766.738 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.8	38.6





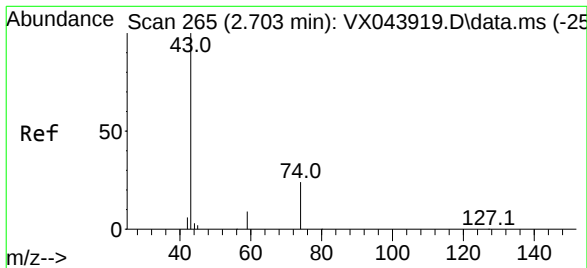
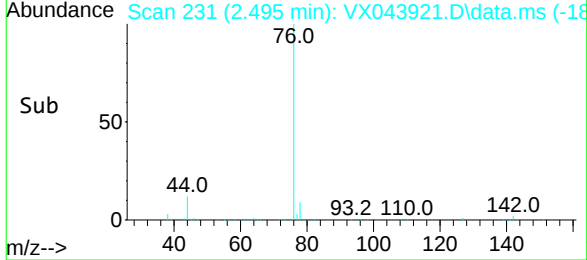
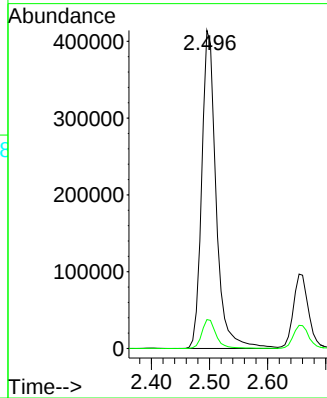
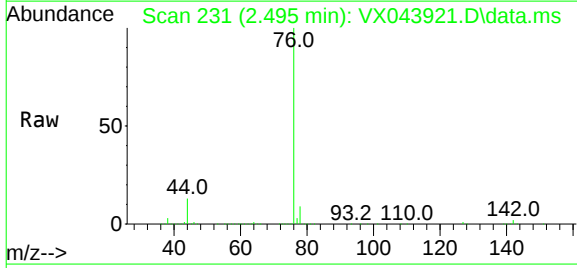
#17
Carbon Disulfide
Concen: 187.709 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 713516
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

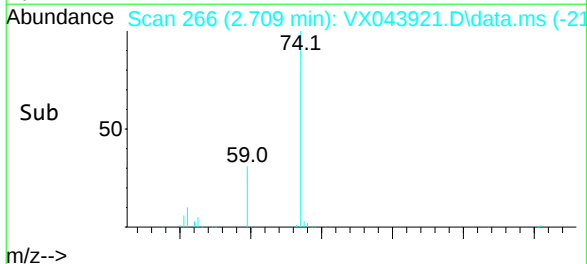
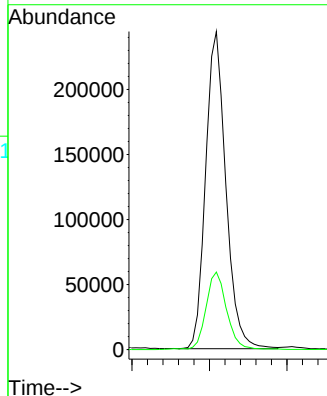
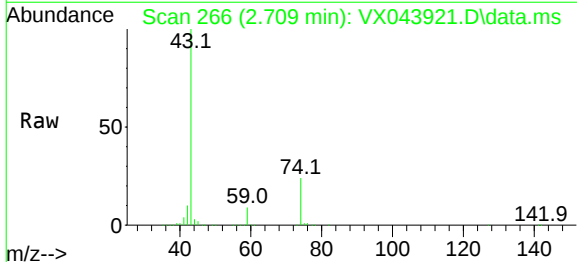
Manual Integrations
APPROVED

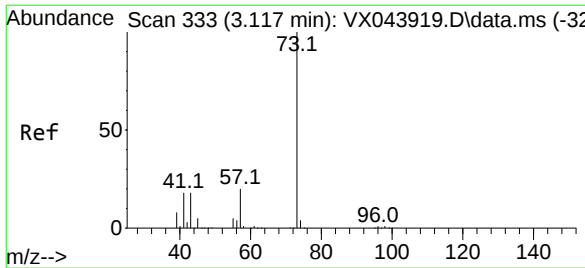
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
Methyl Acetate
Concen: 156.489 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 43 Resp: 442356
Ion Ratio Lower Upper
43 100
74 25.2 20.1 30.1





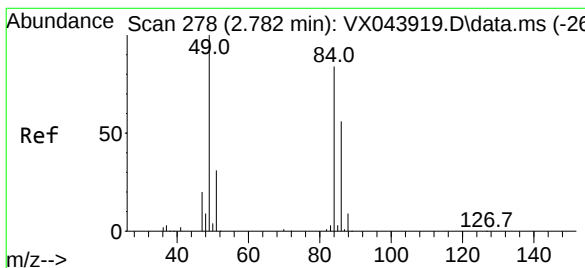
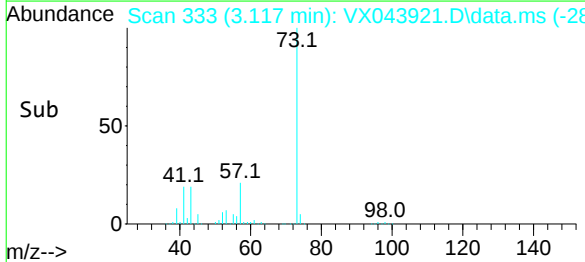
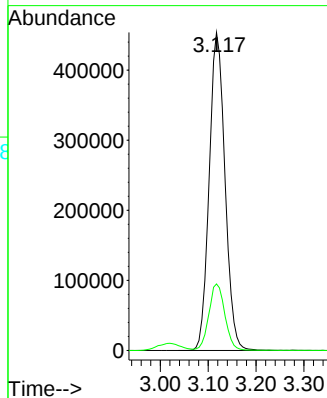
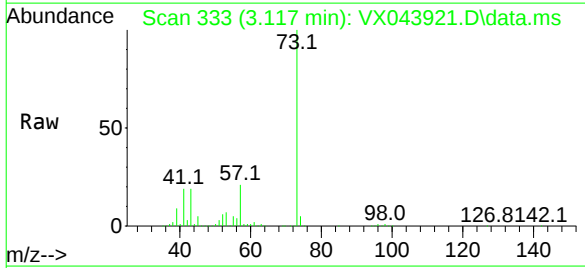
#19
Methyl tert-butyl Ether
Concen: 161.574 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 1039680
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6

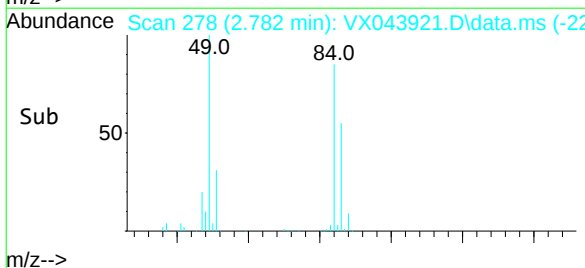
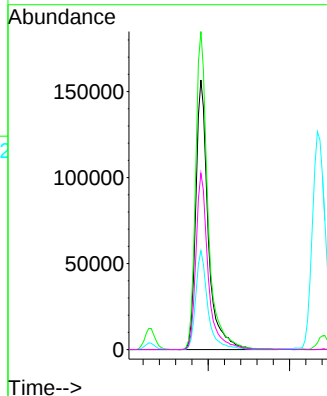
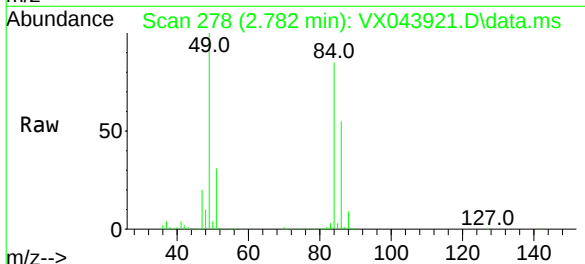
Manual Integrations
APPROVED

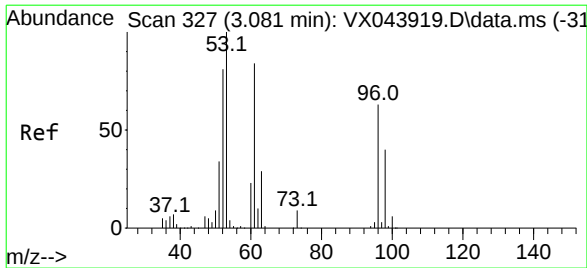
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#20
Methylene Chloride
Concen: 153.508 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

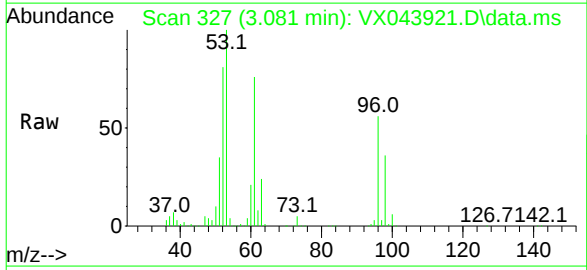
Tgt Ion: 84 Resp: 331677
Ion Ratio Lower Upper
84 100
49 118.0 95.1 142.7
51 36.6 29.2 43.8
86 65.4 53.4 80.0





#21
trans-1,2-Dichloroethene
Concen: 162.144 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

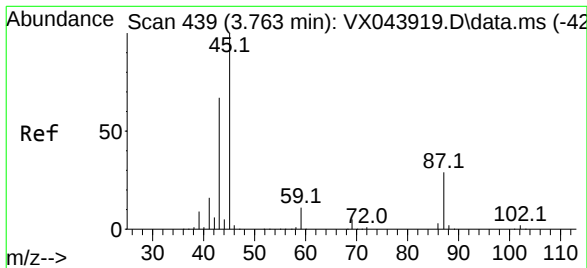
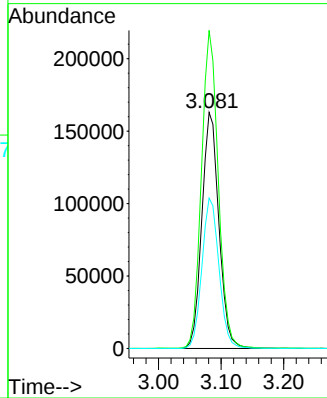
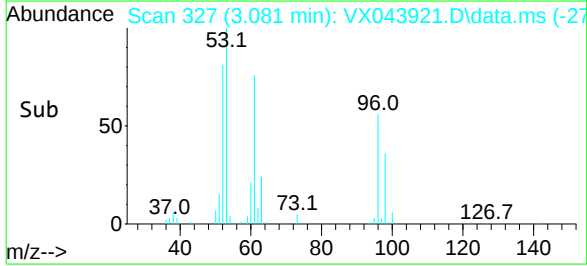
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



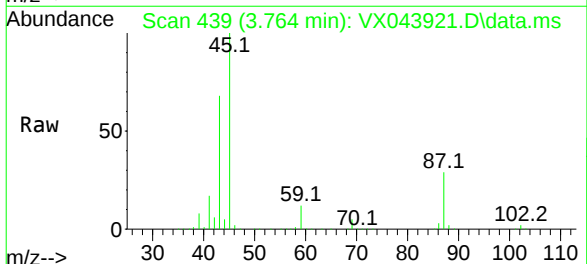
Tgt Ion: 96 Resp: 307739
Ion Ratio Lower Upper
96 100
61 134.6 106.4 159.6
98 63.7 50.9 76.3

Manual Integrations
APPROVED

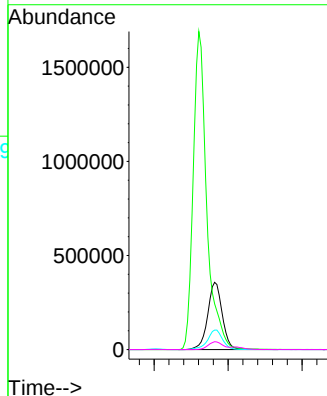
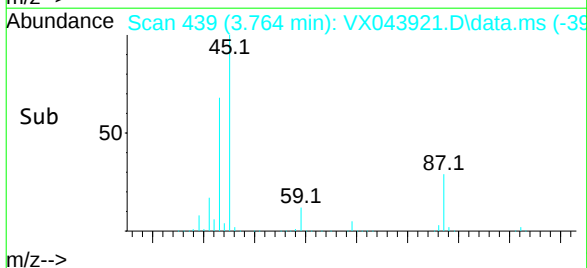
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

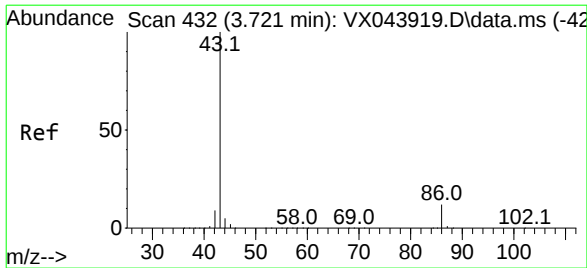


#22
Diisopropyl ether
Concen: 157.536 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30



Tgt Ion: 45 Resp: 971442
Ion Ratio Lower Upper
45 100
43 68.0 53.8 80.6
87 28.9 23.4 35.2
59 11.8 9.2 13.8





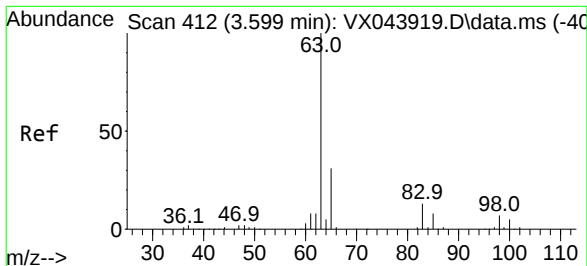
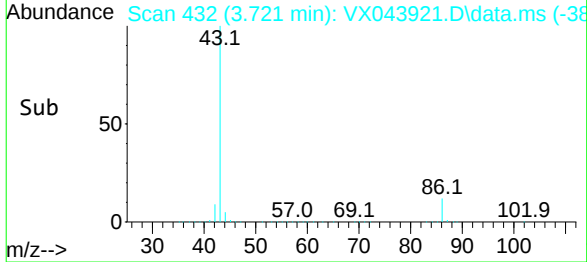
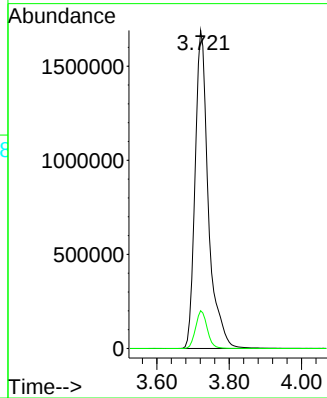
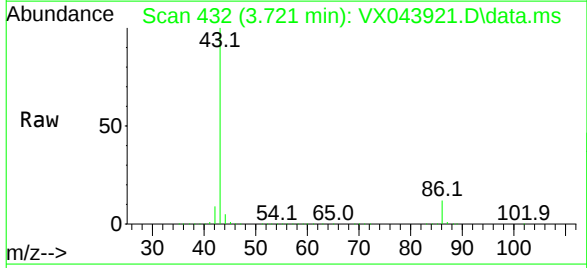
#23
 Vinyl Acetate
 Concen: 860.886 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 4302896
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0

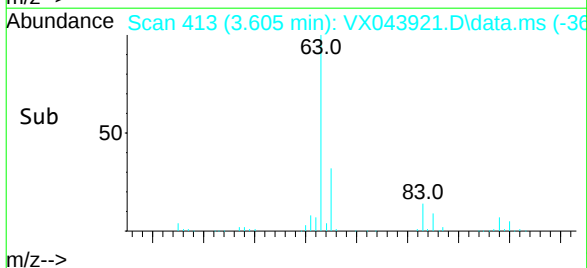
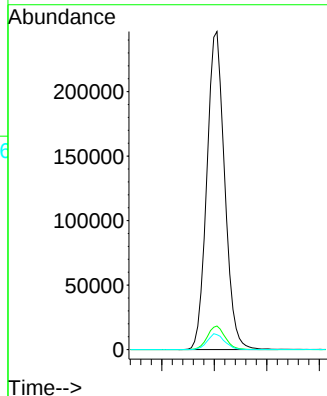
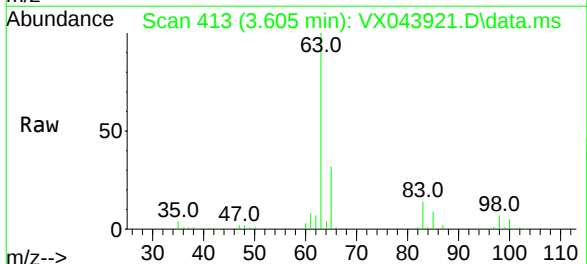
Manual Integrations
 APPROVED

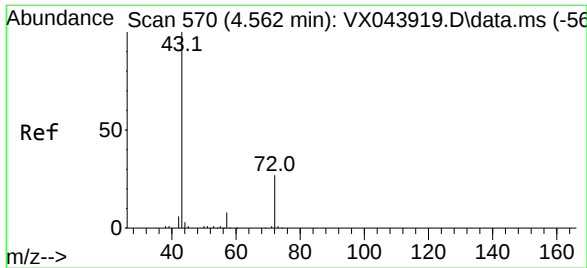
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#24
 1,1-Dichloroethane
 Concen: 160.326 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

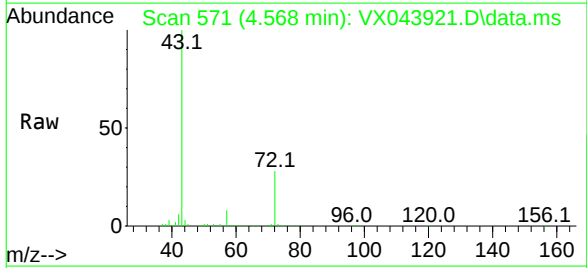
Tgt Ion: 63 Resp: 581442
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 826.713 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

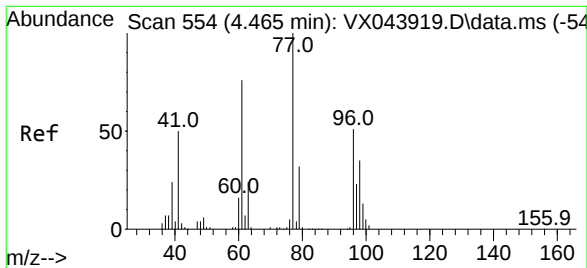
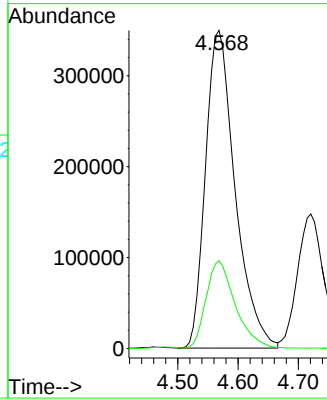
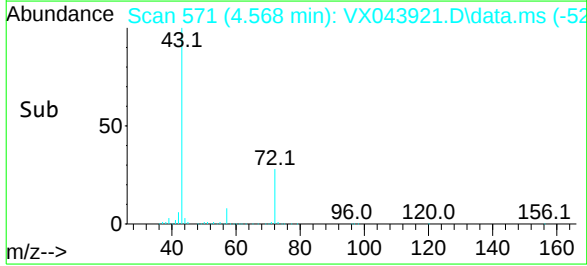
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 1193796
Ion Ratio Lower Upper
43 100
72 27.4 21.3 31.9

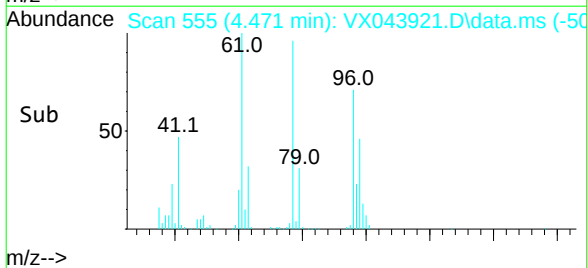
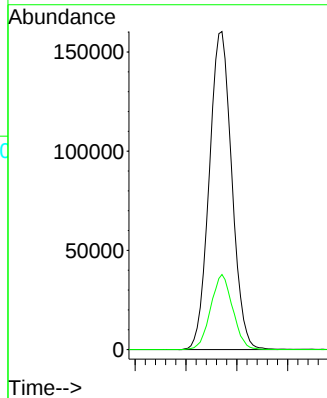
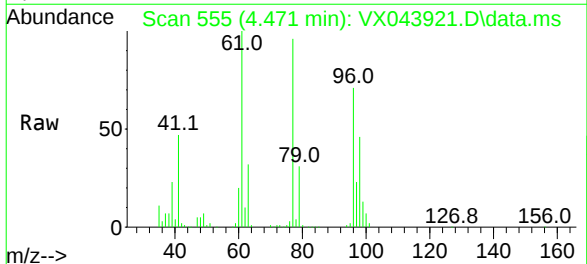
Manual Integrations
APPROVED

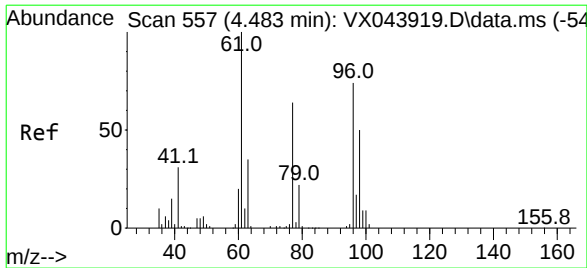
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
2,2-Dichloropropane
Concen: 165.616 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

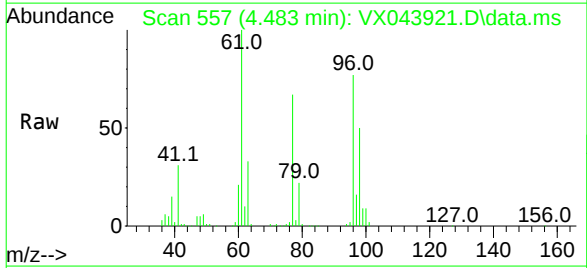
Tgt Ion: 77 Resp: 493581
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 162.303 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

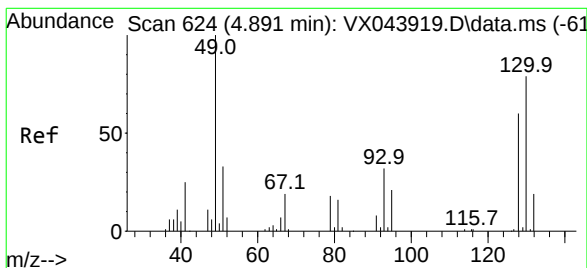
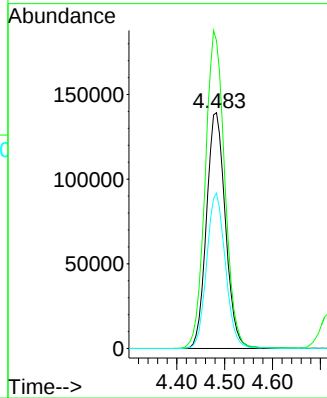
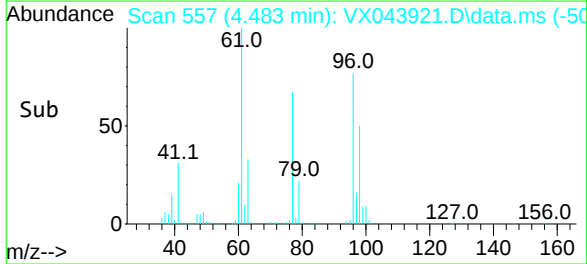
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



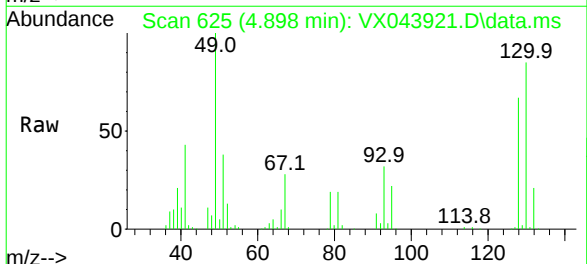
Tgt Ion: 96 Resp: 383345
Ion Ratio Lower Upper
96 100
61 138.7 0.0 279.4
98 65.0 0.0 131.6

Manual Integrations
APPROVED

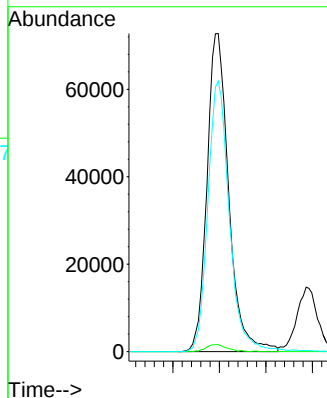
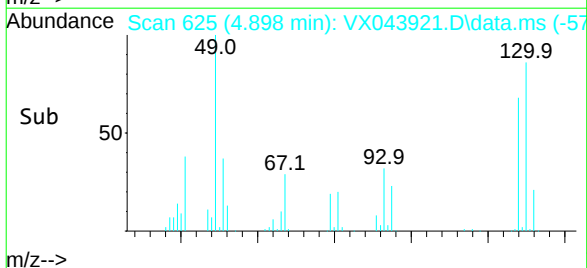
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

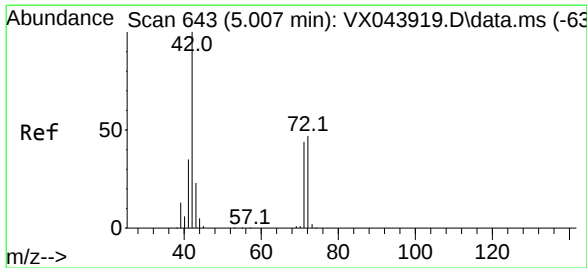


#28
Bromochloromethane
Concen: 154.496 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30



Tgt Ion: 49 Resp: 235764
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 84.1 68.2 102.2





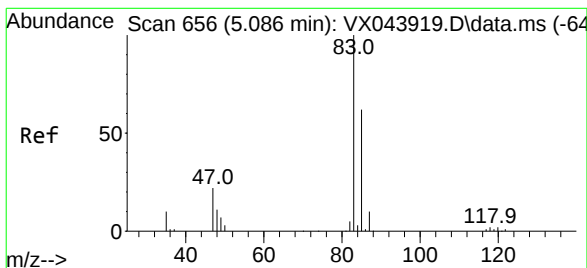
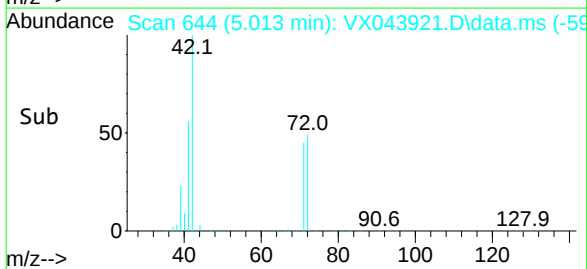
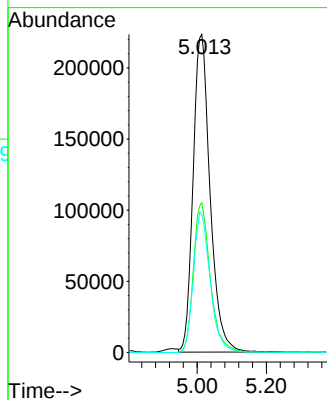
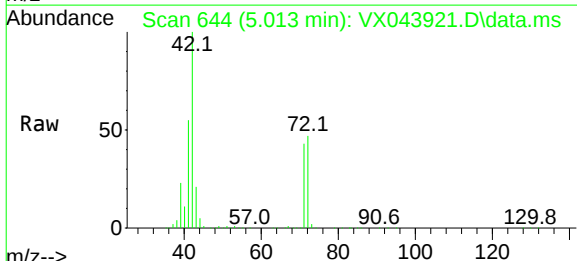
#29
Tetrahydrofuran
Concen: 814.871 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 760349
Ion Ratio Lower Upper
42 100
72 47.0 37.9 56.9
71 43.5 34.8 52.2

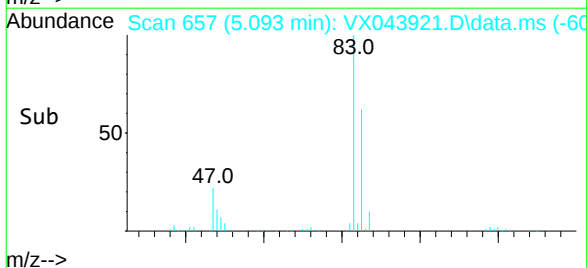
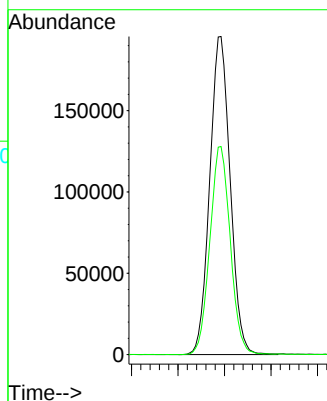
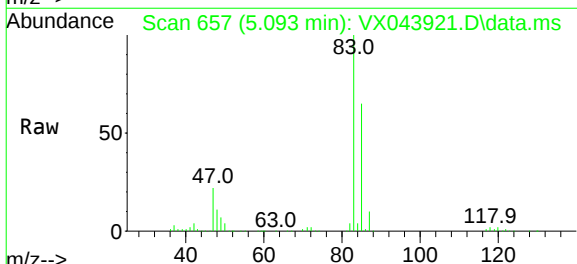
Manual Integrations
APPROVED

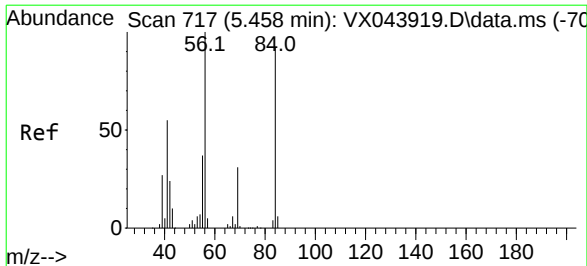
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Chloroform
Concen: 157.930 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

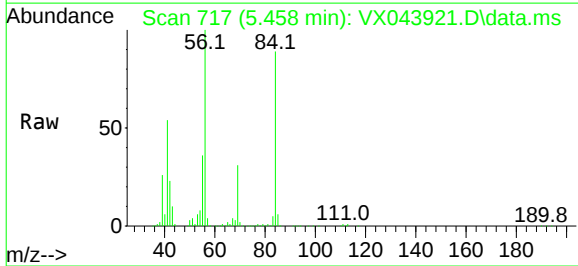
Tgt Ion: 83 Resp: 597034
Ion Ratio Lower Upper
83 100
85 65.4 49.7 74.5





#31
Cyclohexane
Concen: 157.475 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

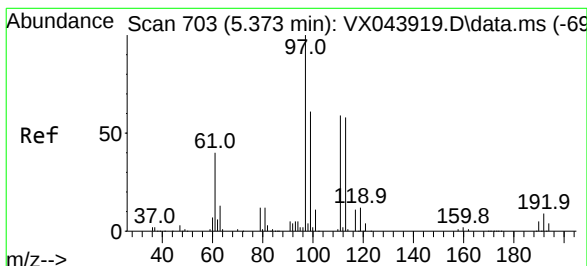
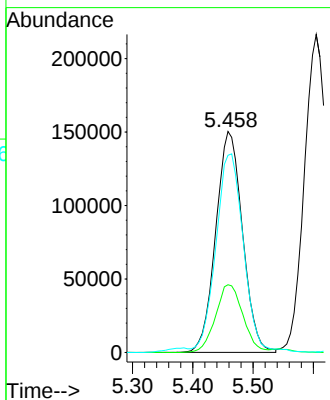
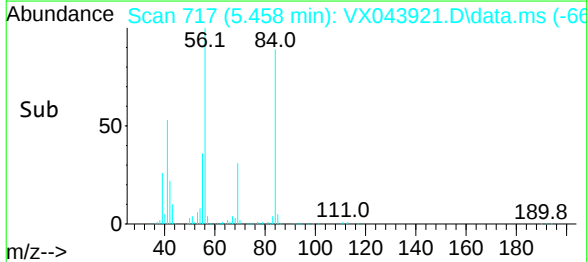
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



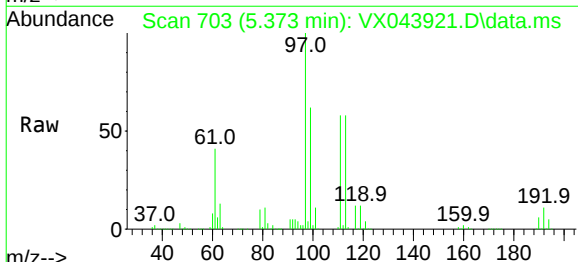
Tgt Ion: 56 Resp: 462881
Ion Ratio Lower Upper
56 100
69 30.7 24.9 37.3
84 87.7 73.8 110.6

Manual Integrations
APPROVED

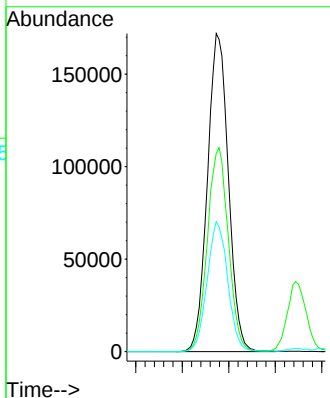
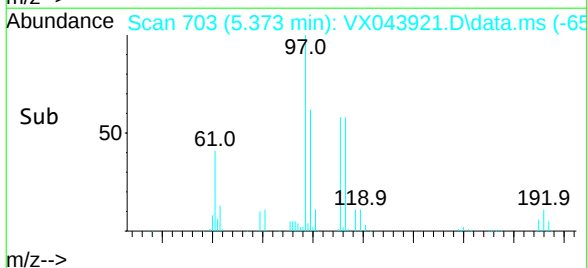
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

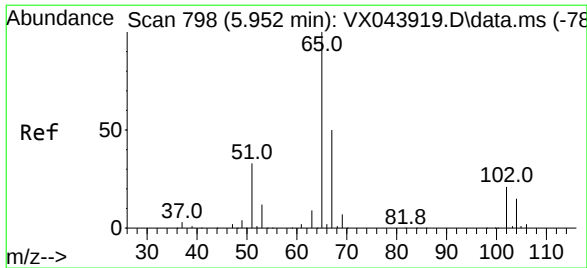


#32
1,1,1-Trichloroethane
Concen: 166.390 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30



Tgt Ion: 97 Resp: 537727
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 40.3 32.9 49.3





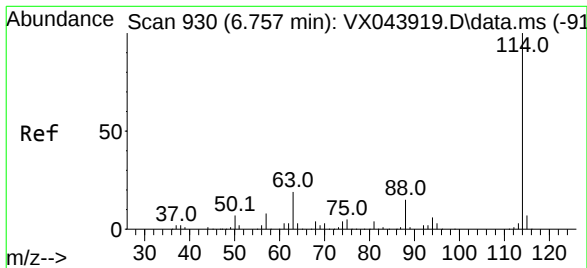
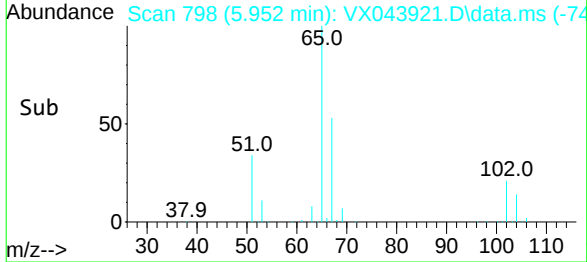
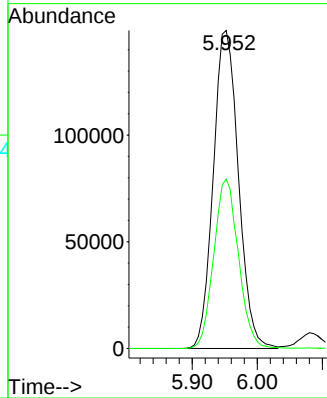
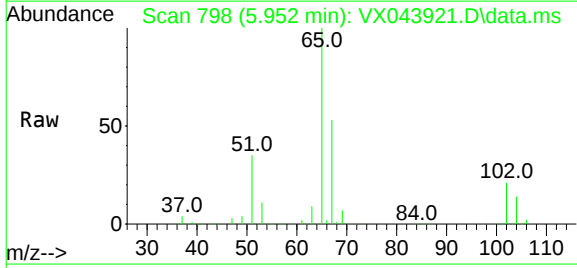
#33
1,2-Dichloroethane-d4
Concen: 155.700 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 400156
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2

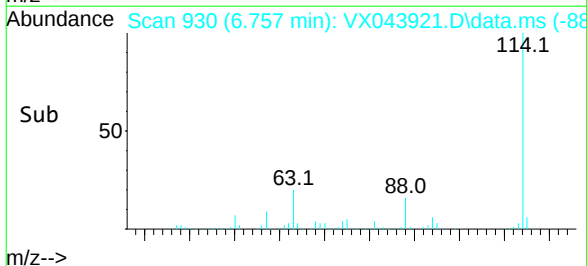
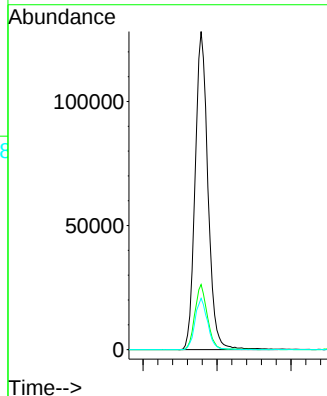
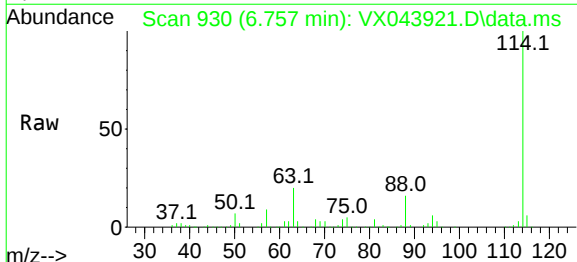
Manual Integrations
APPROVED

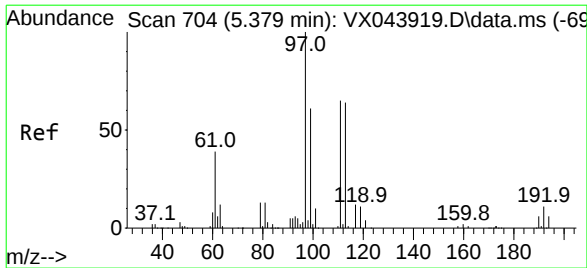
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:114 Resp: 307932
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.0
88 16.1 0.0 30.2





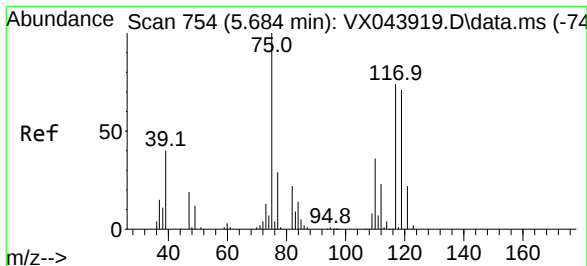
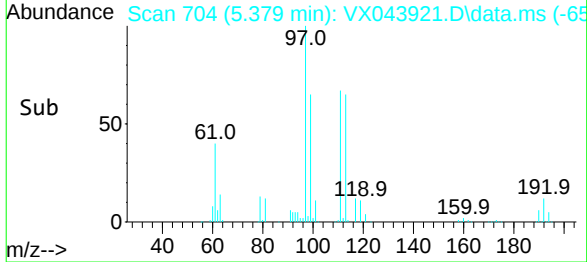
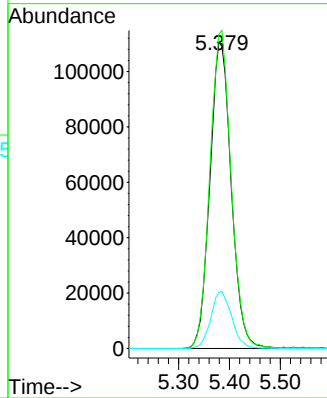
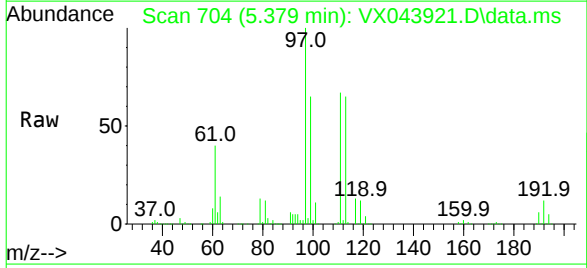
#35
Dibromofluoromethane
Concen: 155.900 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:113 Resp: 322351
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.6
192 18.3 14.2 21.2

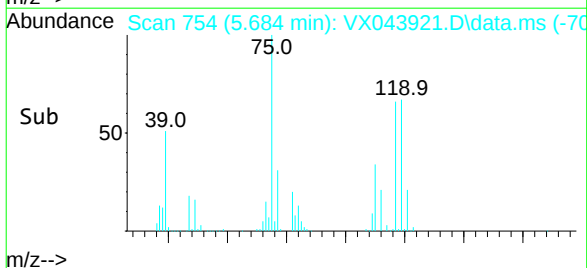
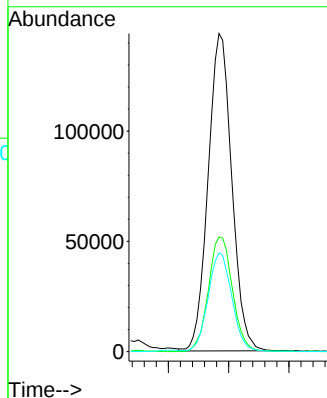
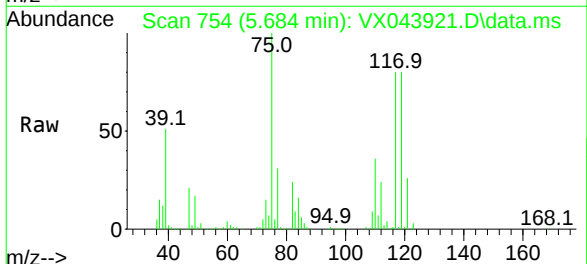
Manual Integrations
APPROVED

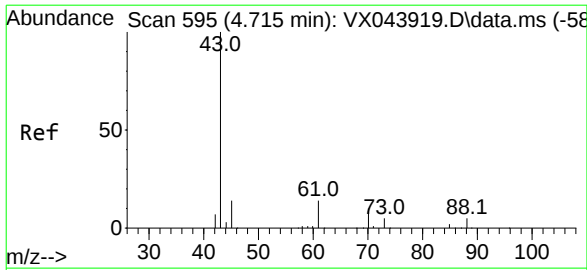
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#36
1,1-Dichloropropene
Concen: 152.456 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 75 Resp: 392871
Ion Ratio Lower Upper
75 100
110 36.8 17.5 52.5
77 31.0 24.9 37.3





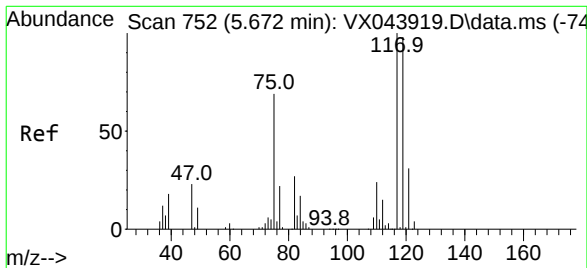
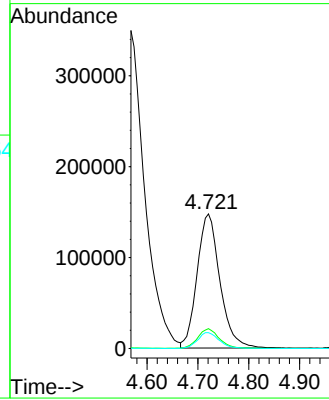
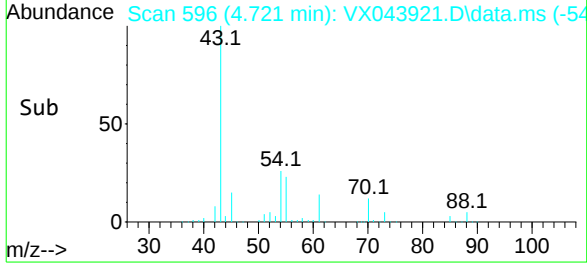
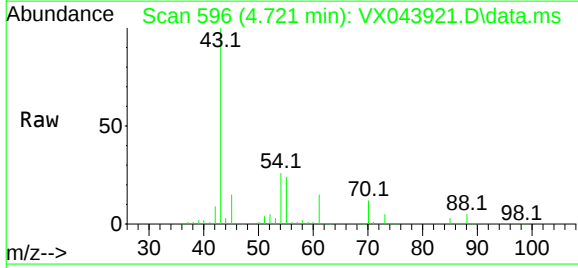
#37
Ethyl Acetate
Concen: 156.625 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 458661
Ion Ratio Lower Upper
43 100
61 14.0 11.5 17.3
70 11.4 8.7 13.1

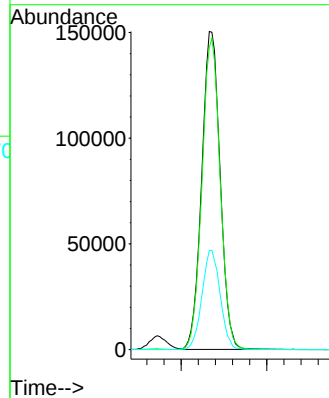
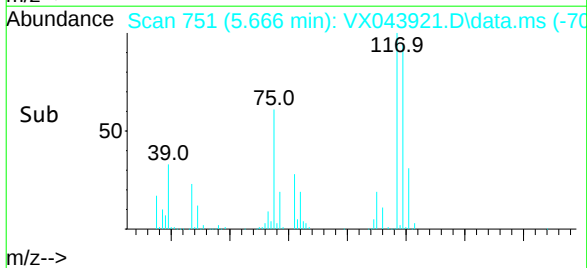
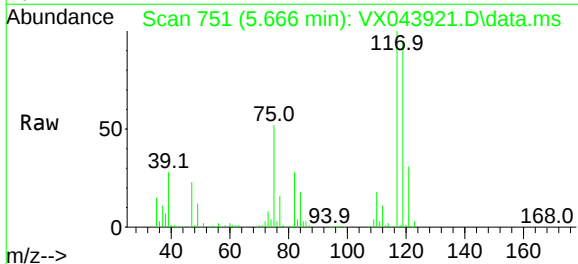
Manual Integrations
APPROVED

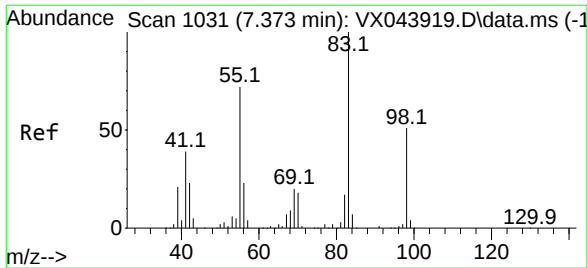
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 164.454 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:117 Resp: 448669
Ion Ratio Lower Upper
117 100
119 94.9 78.3 117.5
121 31.1 25.1 37.7





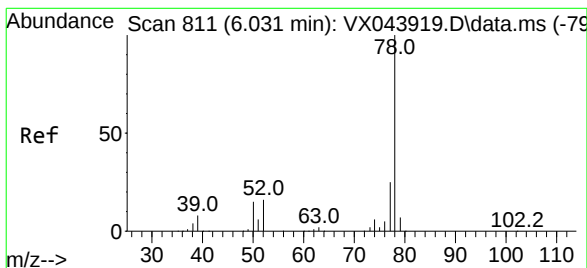
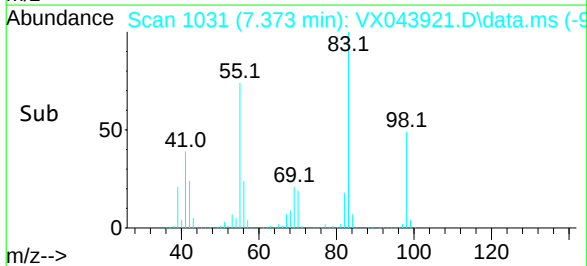
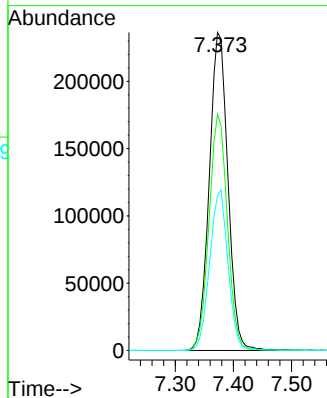
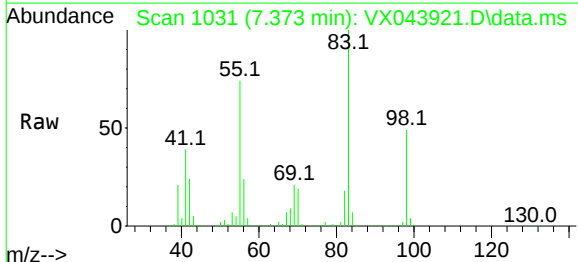
#39
Methylcyclohexane
Concen: 163.033 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 525948
Ion Ratio Lower Upper
83 100
55 74.3 57.9 86.9
98 48.6 40.5 60.7

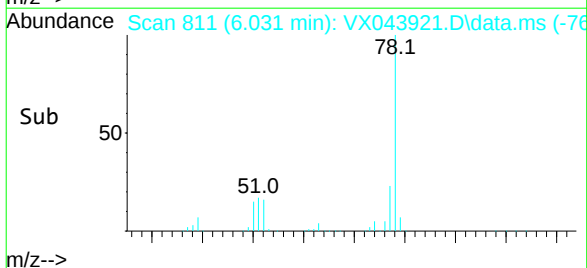
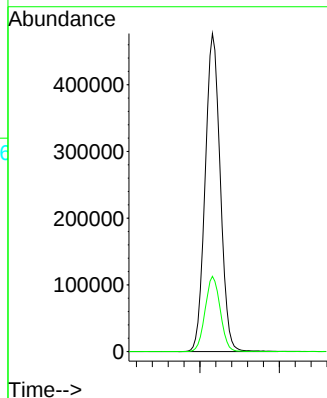
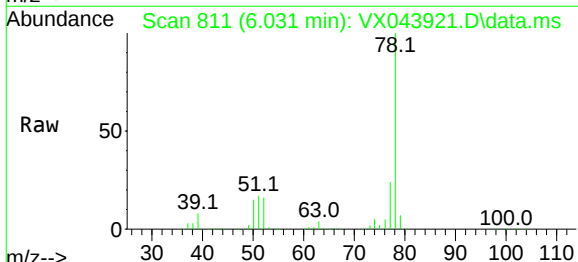
Manual Integrations
APPROVED

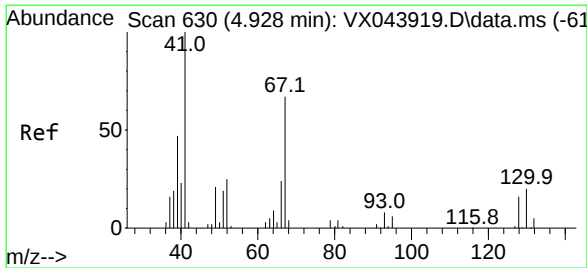
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Benzene
Concen: 155.133 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 78 Resp: 1256878
Ion Ratio Lower Upper
78 100
77 23.7 19.8 29.8





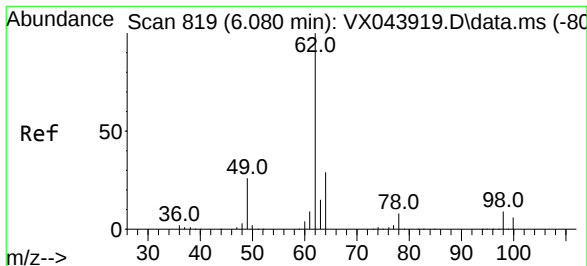
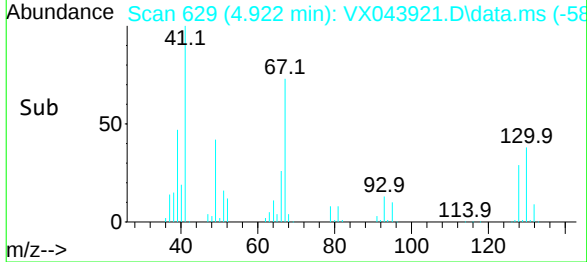
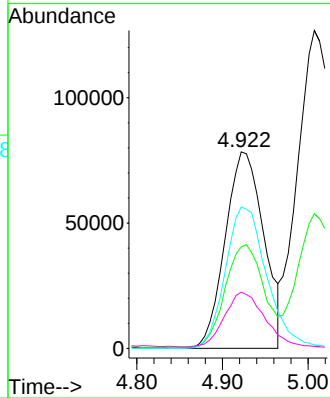
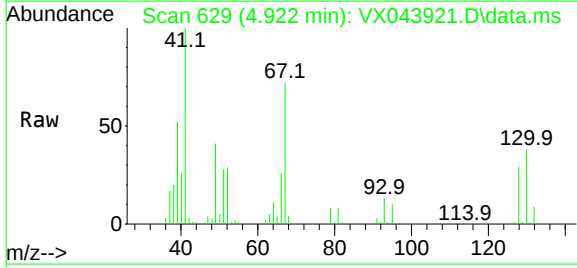
#41
Methacrylonitrile
Concen: 162.565 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	245696
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.2	61.8
67	77.4	60.3	90.5
52	31.0	24.3	36.5

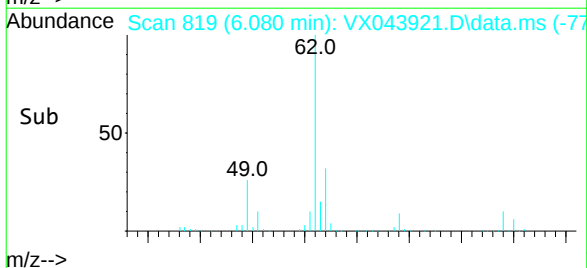
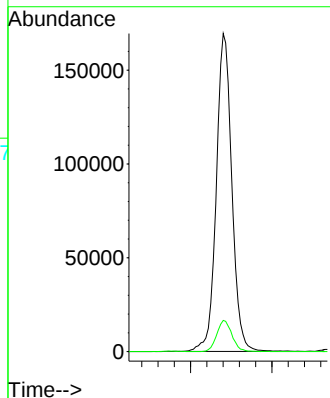
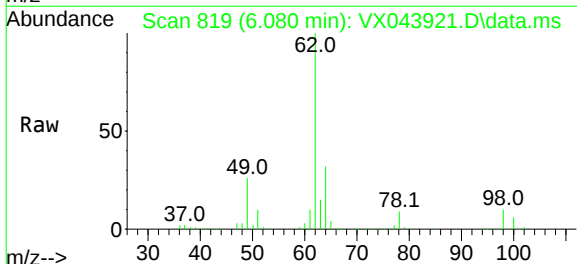
Manual Integrations
APPROVED

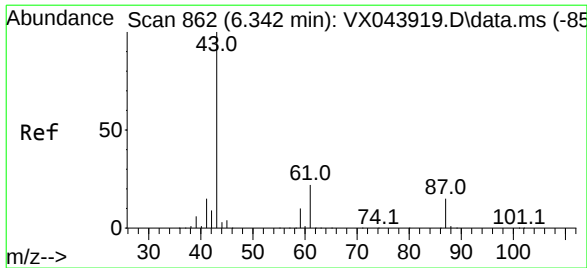
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 152.924 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:	62	Resp:	449877
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 165.021 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

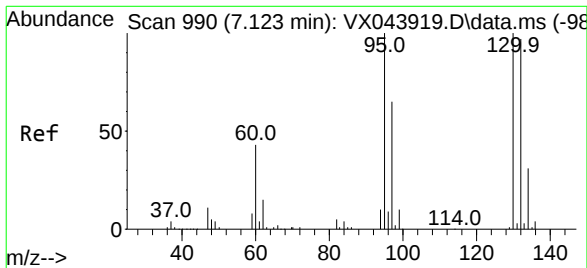
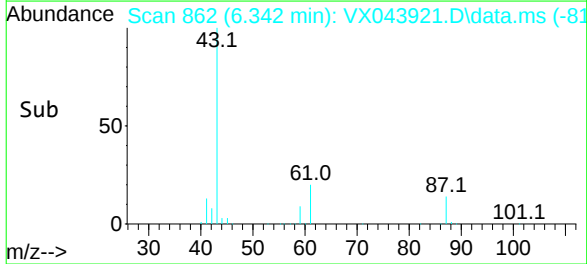
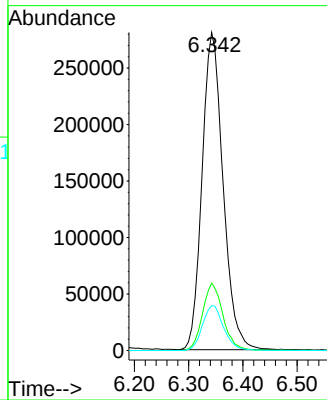
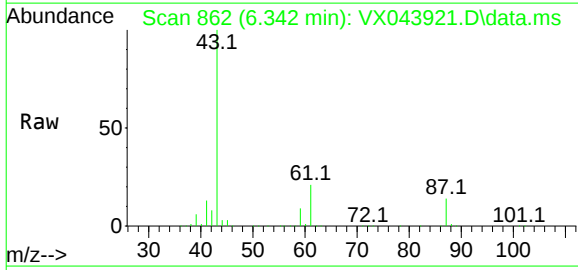
Tgt Ion:	43	Resp:	755002
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.9	25.3
87	14.3	11.9	17.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Trichloroethene

Concen: 144.570 ug/l

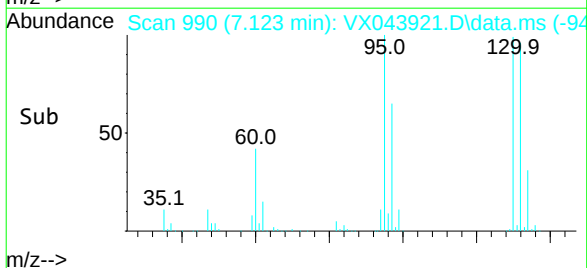
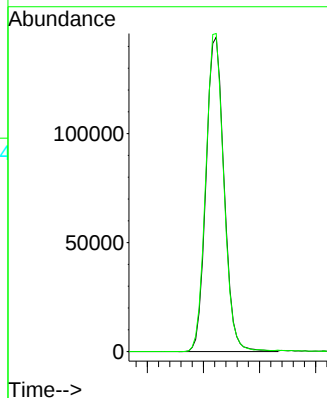
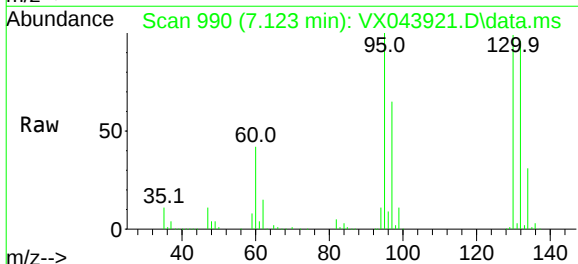
RT: 7.123 min Scan# 990

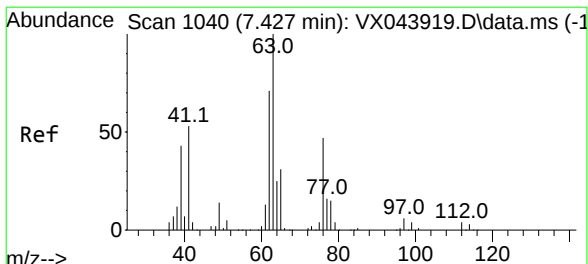
Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Tgt Ion:	130	Resp:	322906
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	200.8





#45
 1,2-Dichloropropane
 Concen: 158.404 ug/l
 RT: 7.428 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

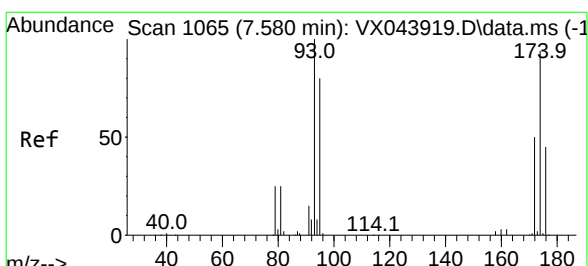
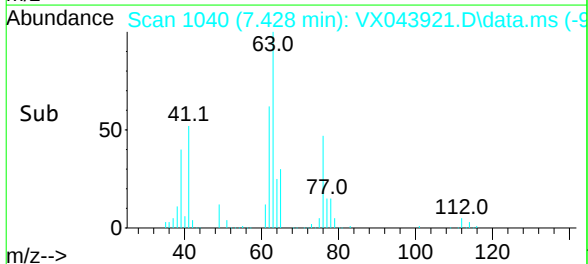
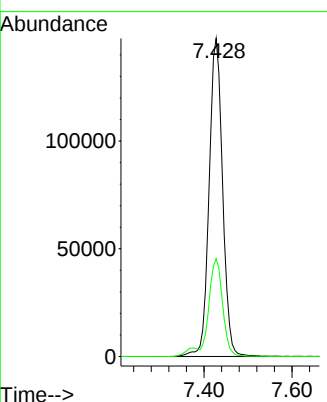
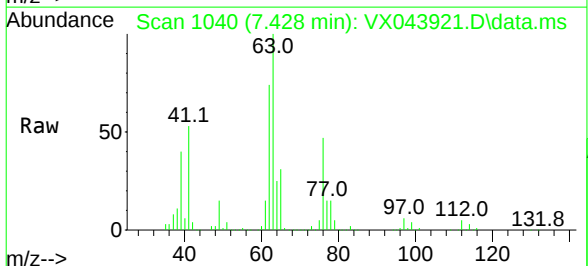
VSTDICC150

Tgt Ion:	63	Resp:	314541
Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.5	36.7

Manual Integrations

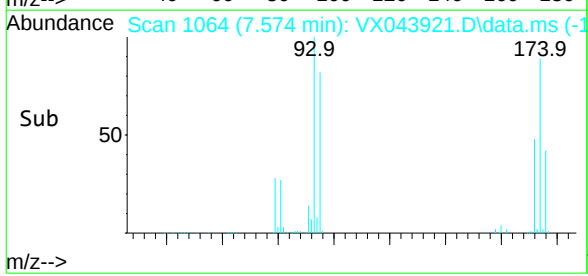
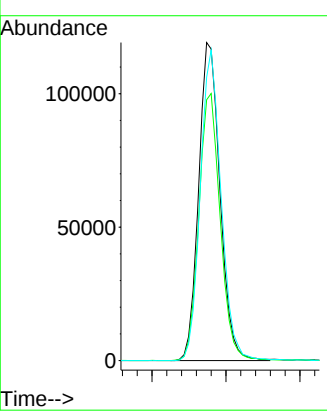
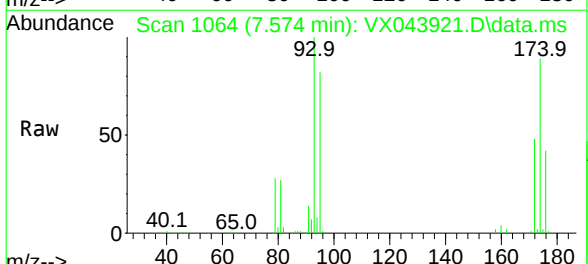
APPROVED

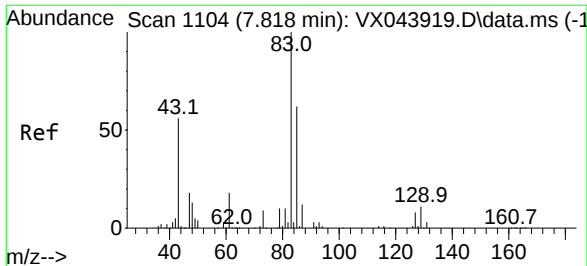
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#46
 Dibromomethane
 Concen: 159.481 ug/l
 RT: 7.574 min Scan# 1064
 Delta R.T. -0.006 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

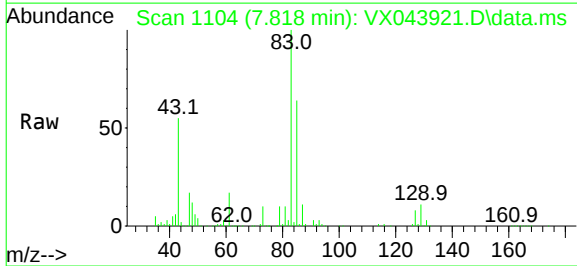
Tgt Ion:	93	Resp:	238635
Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.1	99.1
174	95.5	75.2	112.8





#47
Bromodichloromethane
Concen: 176.856 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

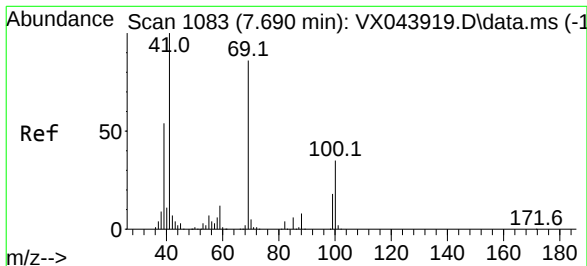
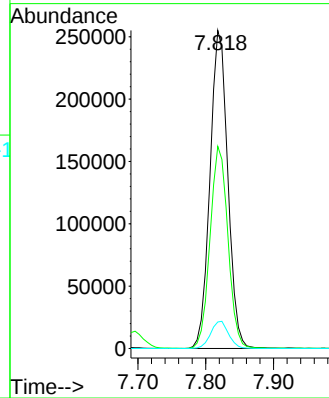
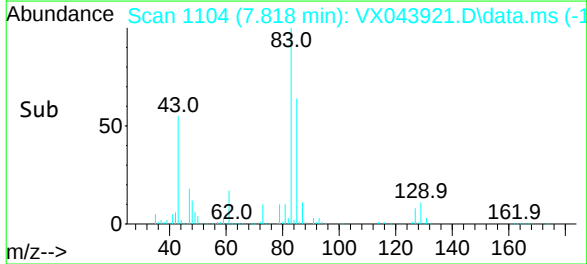
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 464964
Ion Ratio Lower Upper
83 100
85 63.5 49.4 74.0
127 8.3 6.2 9.4

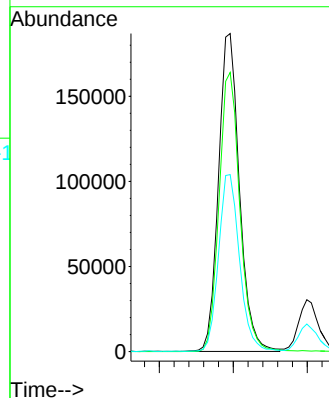
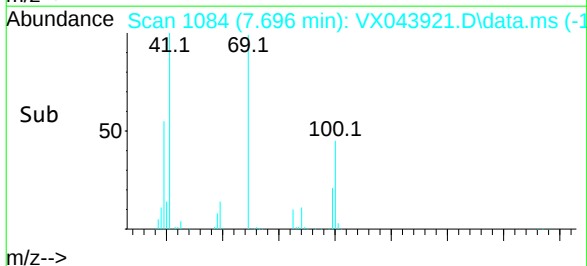
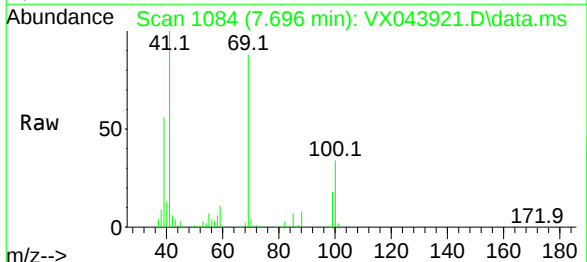
Manual Integrations
APPROVED

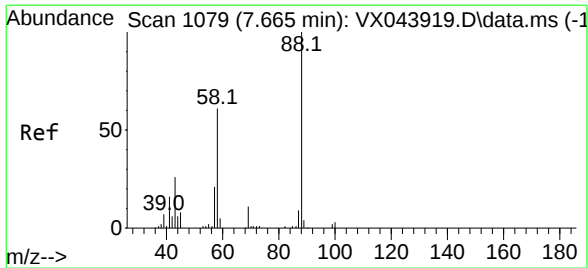
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
Methyl methacrylate
Concen: 161.883 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

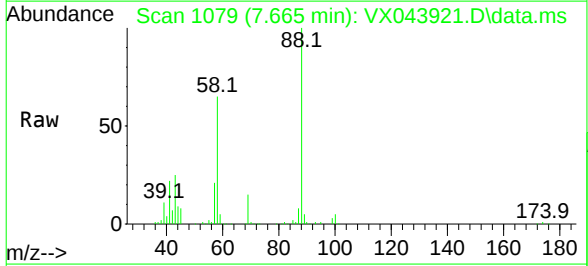
Tgt Ion: 41 Resp: 367099
Ion Ratio Lower Upper
41 100
69 87.1 72.1 108.1
39 55.8 43.8 65.8





#49
1,4-Dioxane
Concen: 3403.896 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

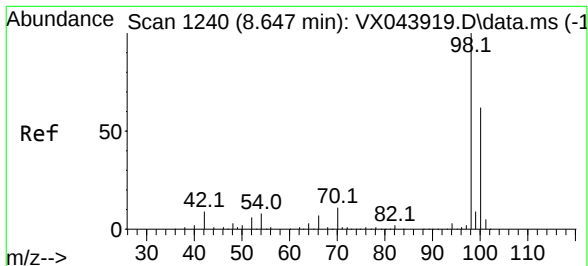
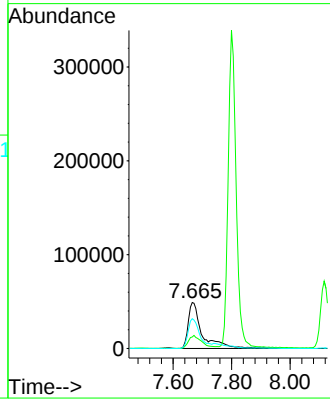
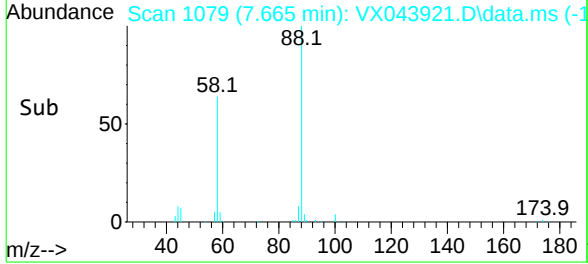
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:	88	Resp:	163932
Ion	Ratio	Lower	Upper
88	100		
43	26.4	17.4	26.0
58	54.0	41.0	61.6

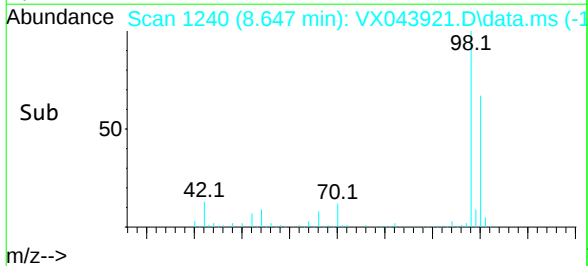
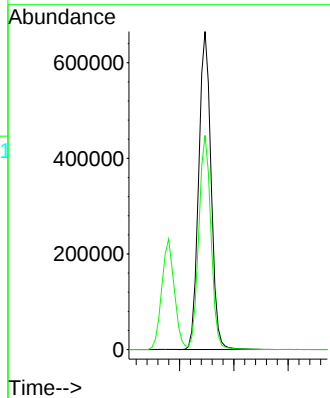
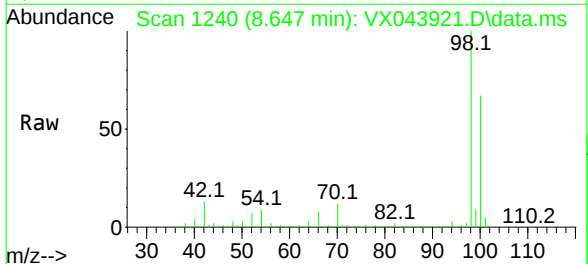
Manual Integrations
APPROVED

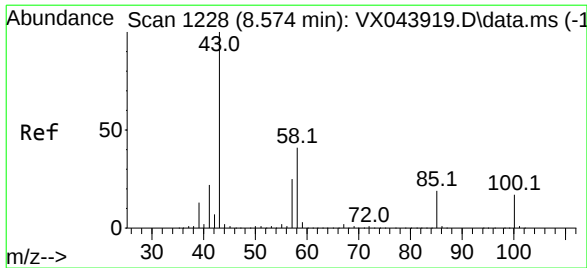
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
Toluene-d8
Concen: 152.108 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:	98	Resp:	1050711
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6





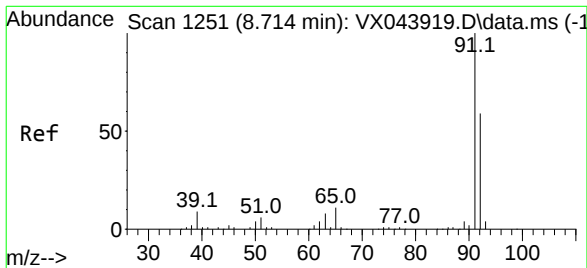
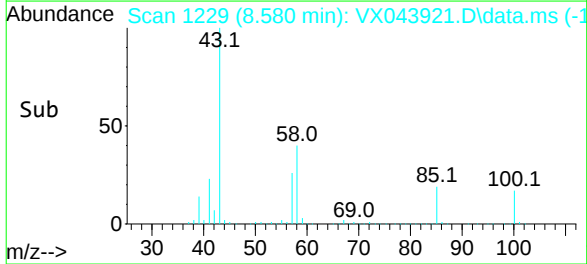
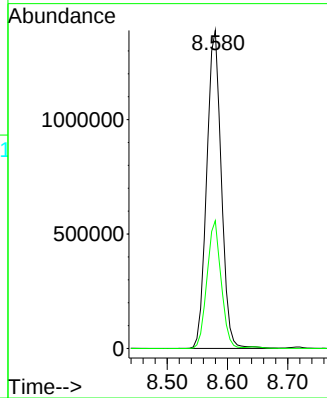
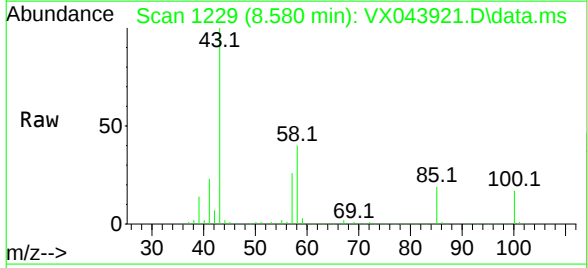
#51
4-Methyl-2-Pentanone
Concen: 818.342 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2334520
Ion Ratio Lower Upper
43 100
58 38.9 32.4 48.6

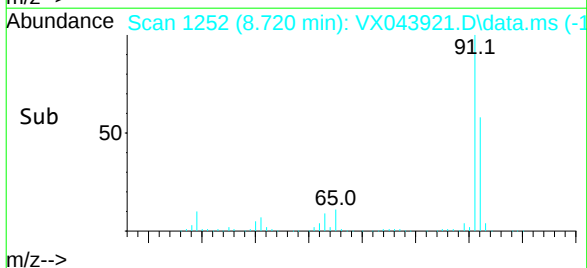
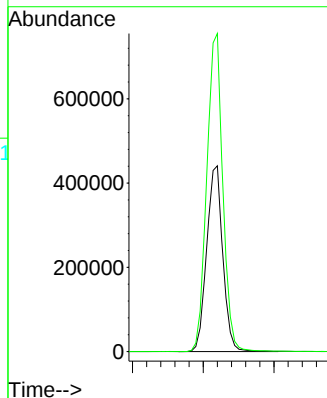
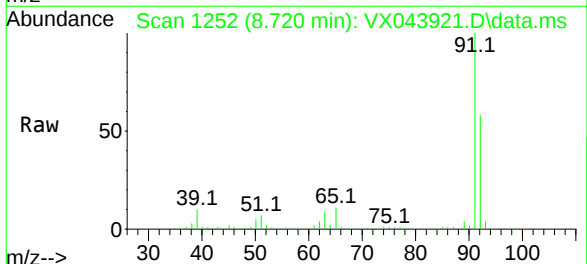
Manual Integrations
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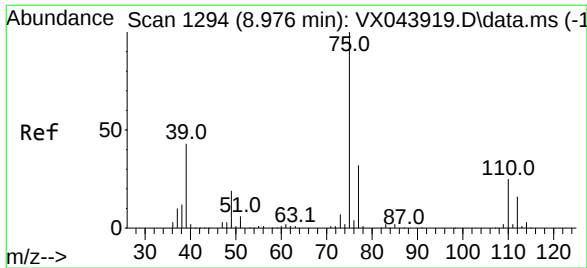
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Toluene
Concen: 149.041 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 92 Resp: 696641
Ion Ratio Lower Upper
92 100
91 170.7 136.2 204.4





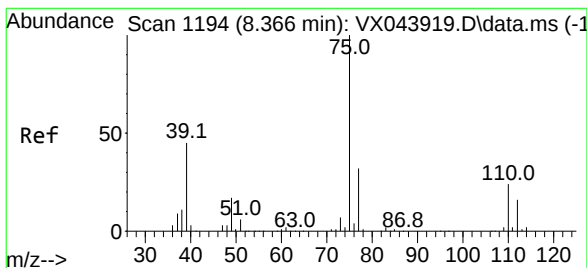
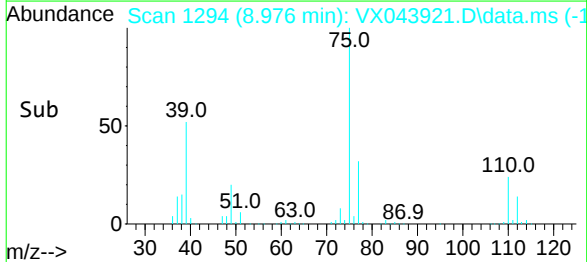
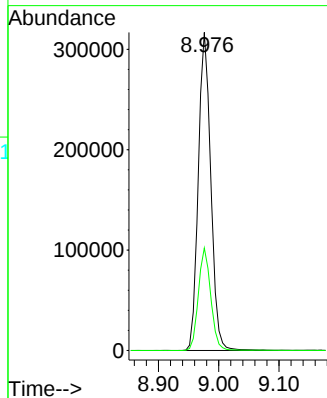
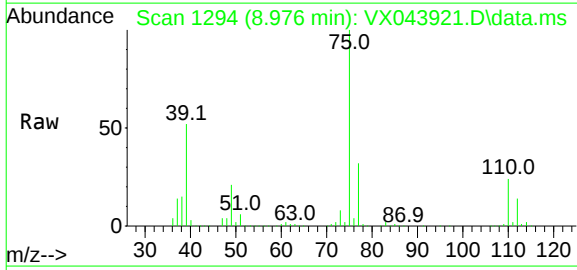
#53
t-1,3-Dichloropropene
Concen: 170.718 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 455394
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9

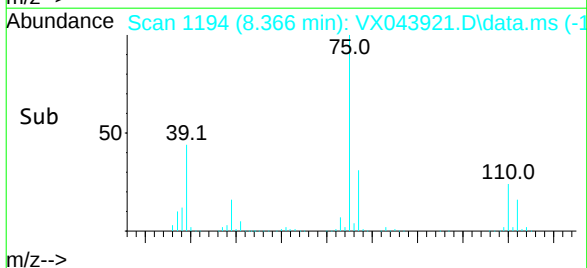
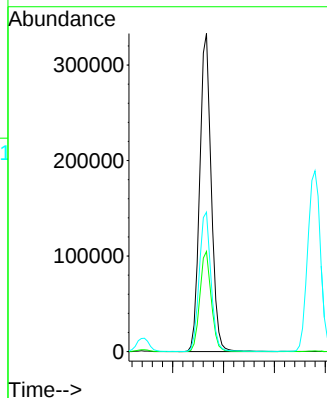
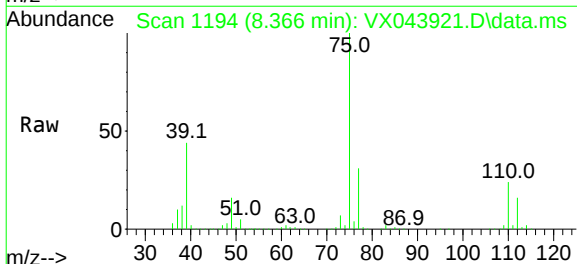
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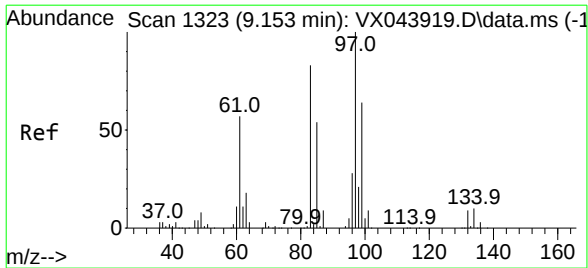
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#54
cis-1,3-Dichloropropene
Concen: 173.385 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 75 Resp: 524114
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
39 43.8 36.1 54.1





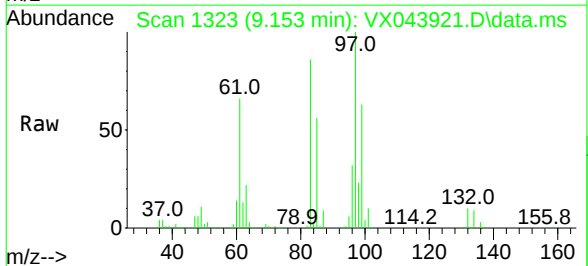
#55
 1,1,2-Trichloroethane
 Concen: 153.369 ug/l
 RT: 9.153 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

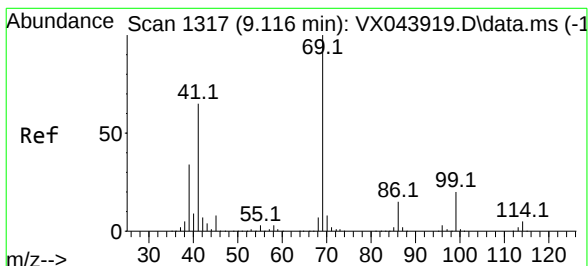
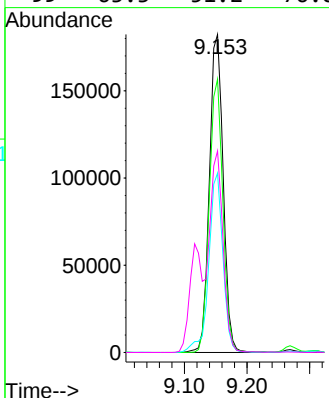
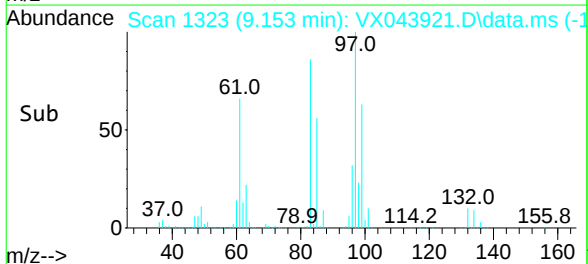
VSTDICC150



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.5	99.7
85	56.4	43.4	65.2
99	63.3	51.2	76.8

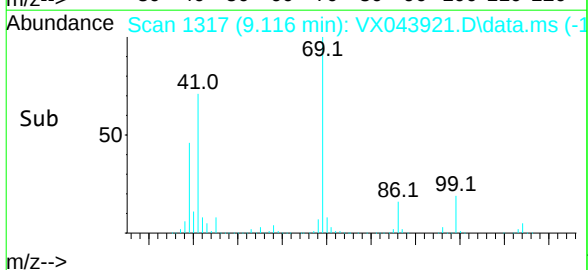
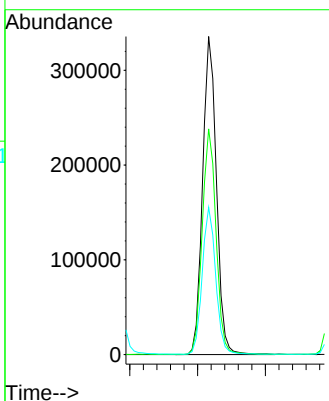
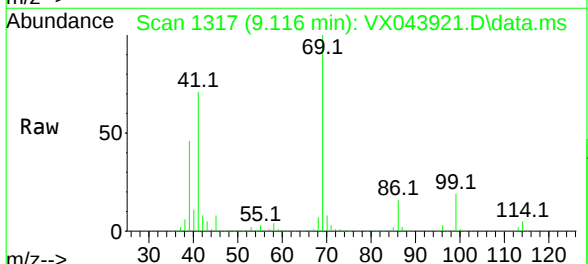
Manual Integrations
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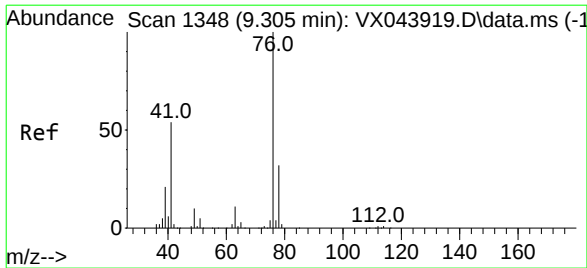
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#56
 Ethyl methacrylate
 Concen: 164.397 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX043921.D
 Acq: 20 Nov 2024 18:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.0	51.7	77.5
39	45.2	26.8	40.2





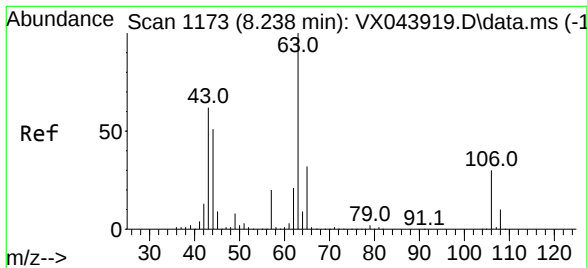
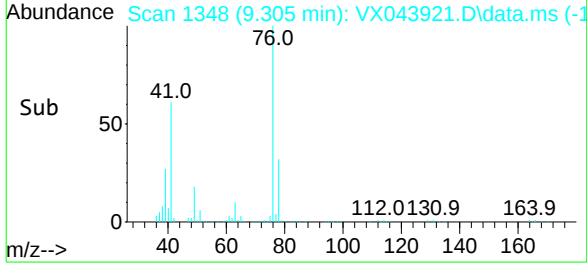
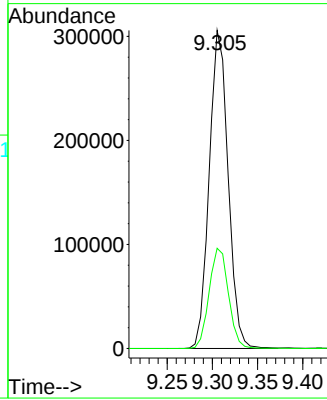
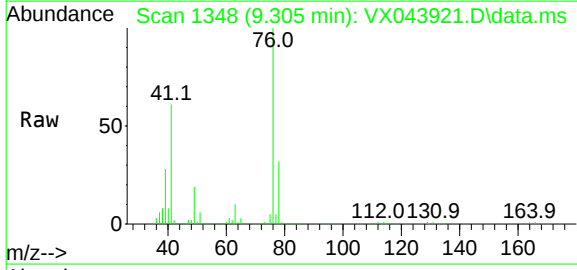
#57
1,3-Dichloropropane
Concen: 145.515 ug/l
RT: 9.305 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 444602
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

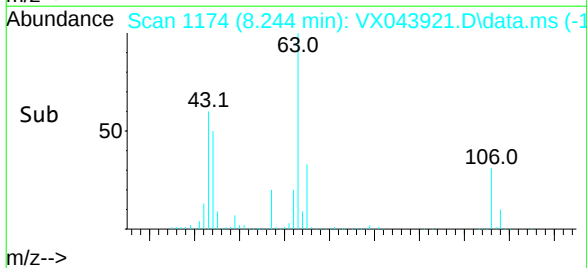
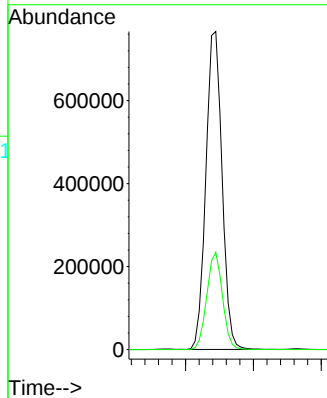
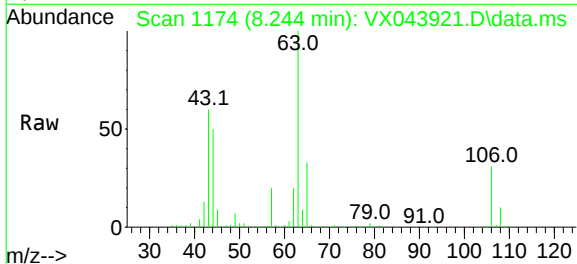
Manual Integrations
APPROVED

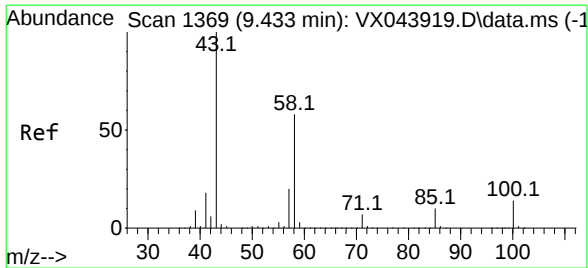
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 836.854 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 63 Resp: 1267224
Ion Ratio Lower Upper
63 100
106 29.7 23.8 35.6





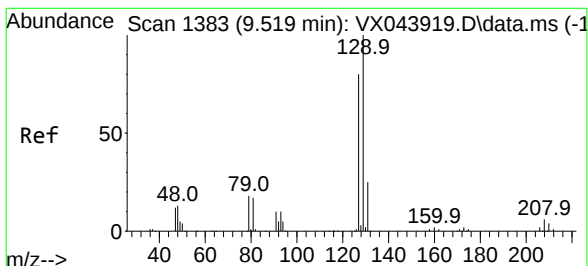
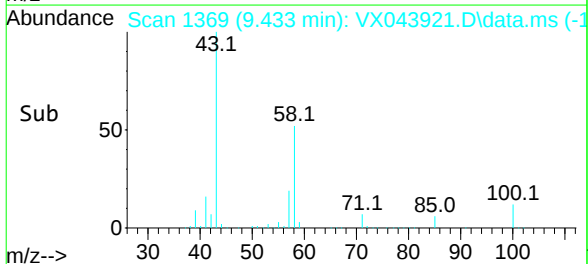
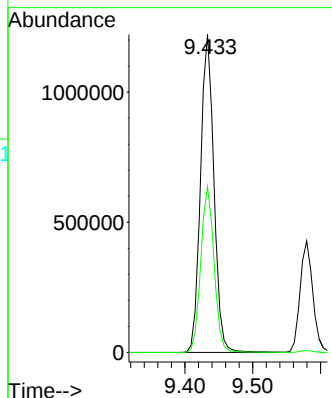
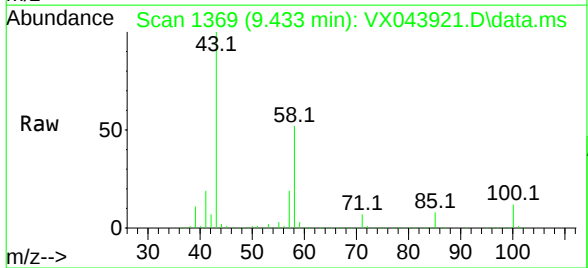
#59
2-Hexanone
Concen: 831.911 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1674444
Ion Ratio Lower Upper
43 100
58 51.9 28.3 84.9

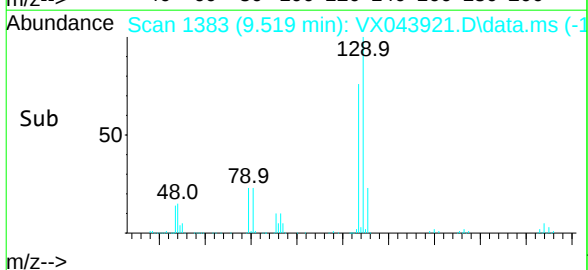
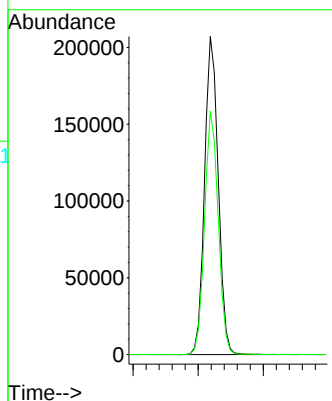
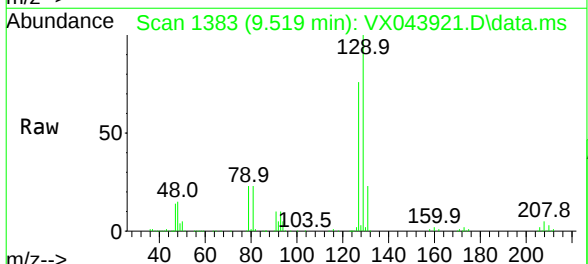
Manual Integrations
APPROVED

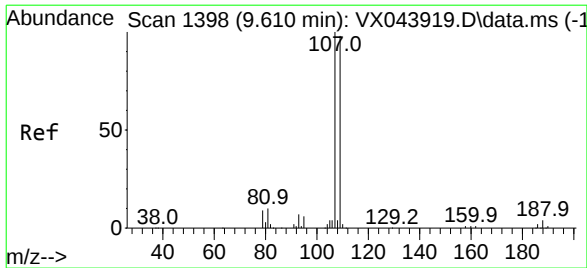
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
Dibromochloromethane
Concen: 169.772 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

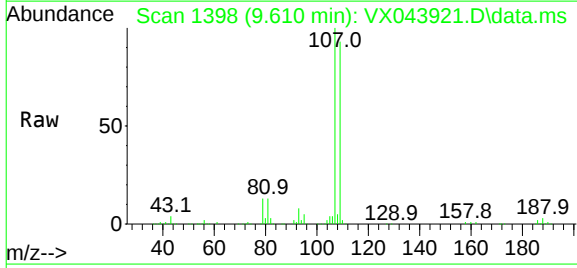
Tgt Ion:129 Resp: 301696
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 146.047 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

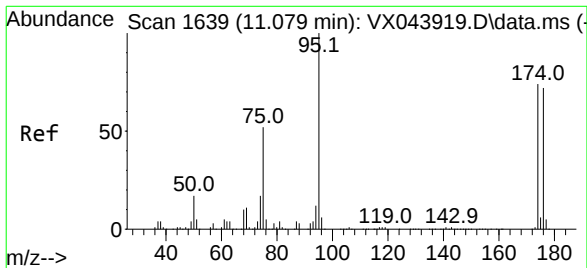
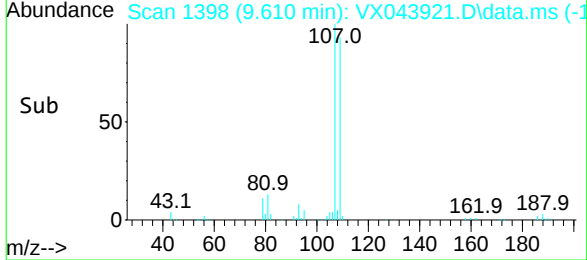
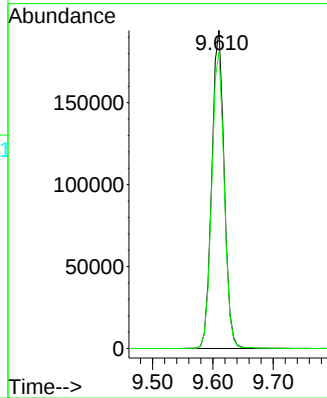
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 107 Resp: 277826
Ion Ratio Lower Upper
107 100
109 94.1 76.2 114.2

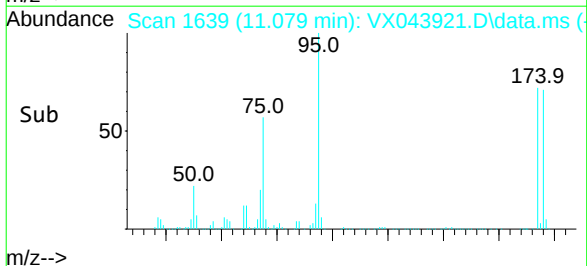
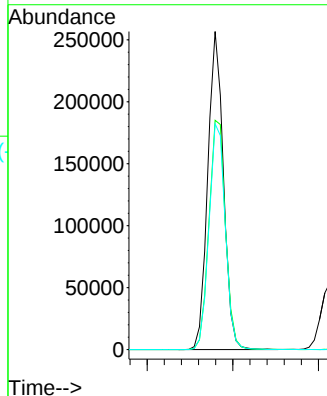
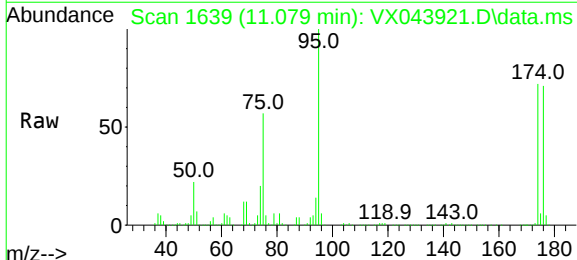
Manual Integrations
APPROVED

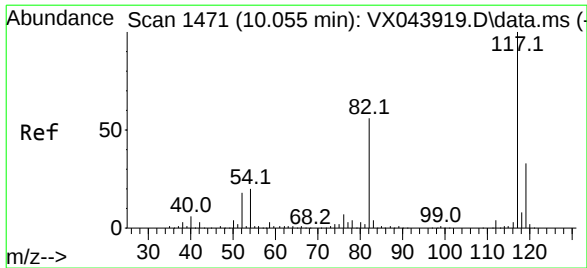
Reviewed By : John Carlone 11/21/2024
Supervised By : Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 142.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 95 Resp: 325275
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.2
176 73.8 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

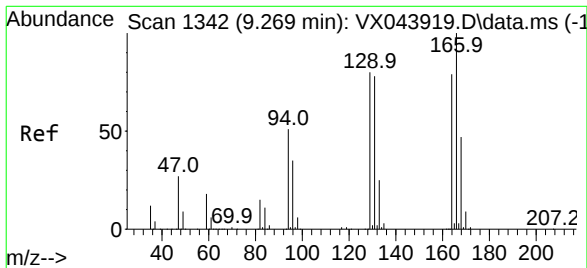
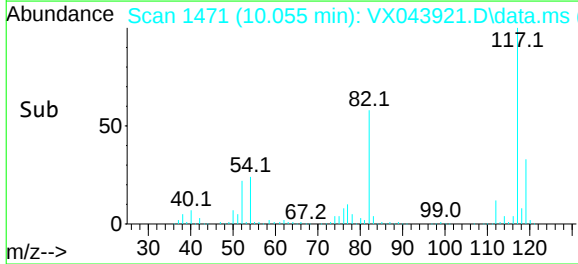
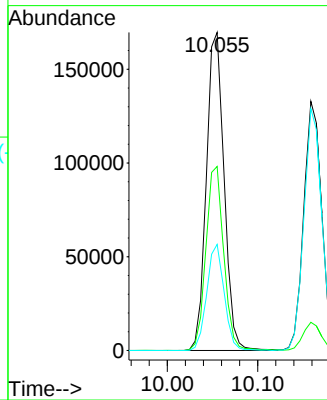
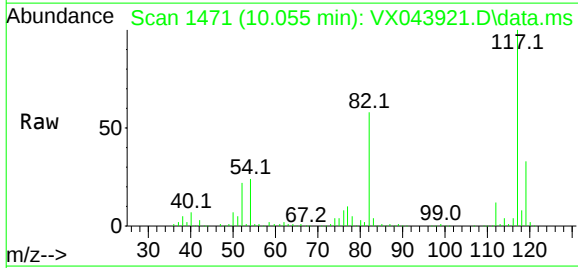
Tgt Ion:	117	Resp:	231223
Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.6	67.0
119	33.4	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#64

Tetrachloroethene

Concen: 144.284 ug/l

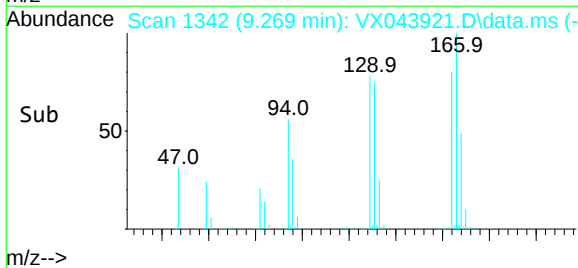
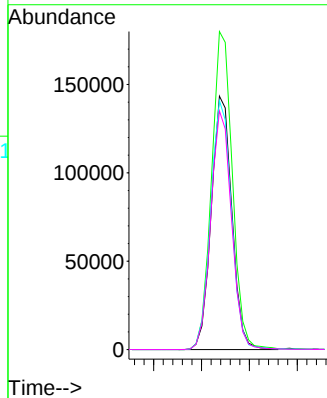
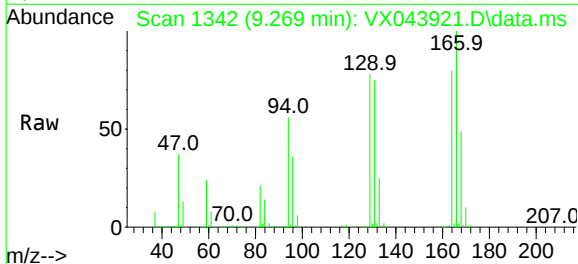
RT: 9.269 min Scan# 1342

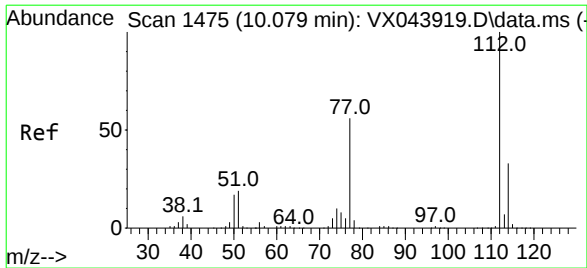
Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Tgt Ion:	164	Resp:	213991
Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.9	151.3
129	98.3	80.3	120.5
131	94.2	78.3	117.5





#65

Chlorobenzene

Concen: 151.343 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:112 Resp: 730977

Ion Ratio Lower Upper

112 100

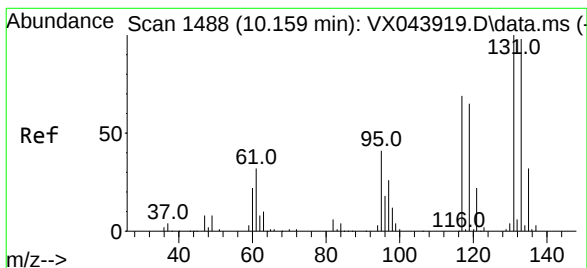
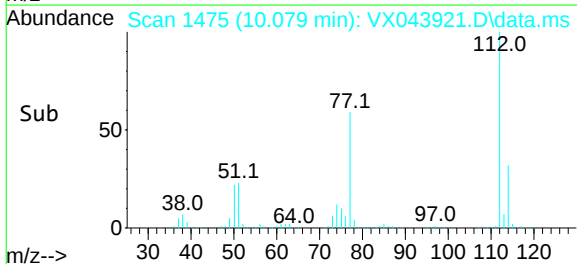
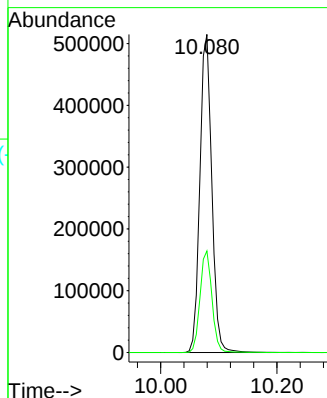
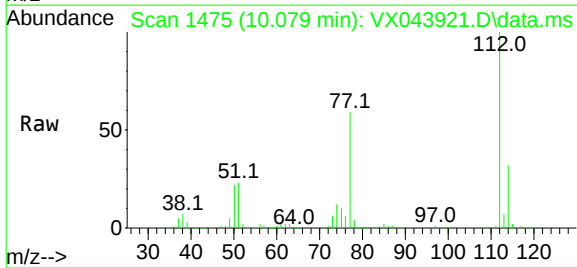
114 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 172.351 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

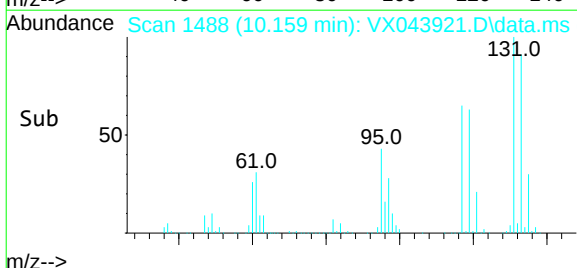
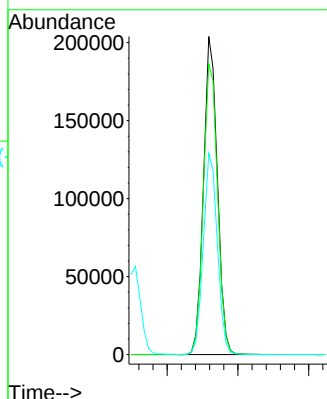
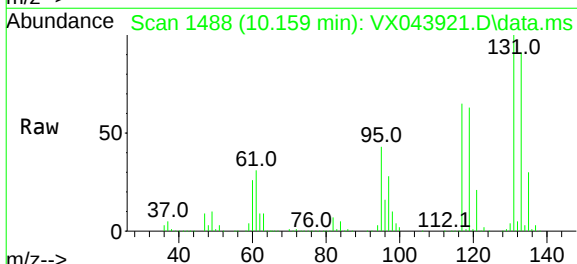
Tgt Ion:131 Resp: 277044

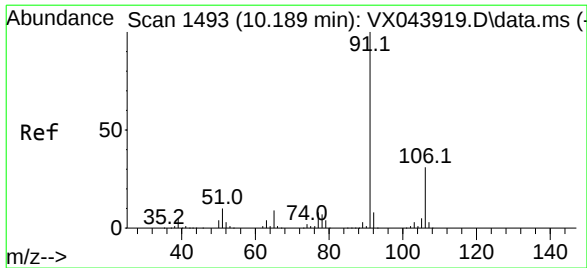
Ion Ratio Lower Upper

131 100

133 94.3 48.8 146.3

119 64.4 32.9 98.7





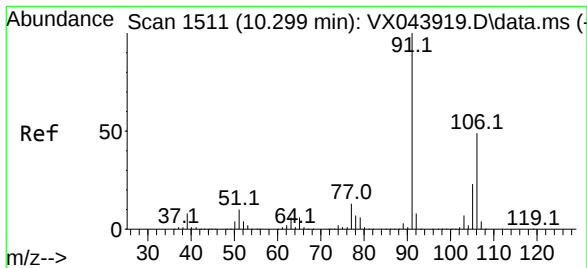
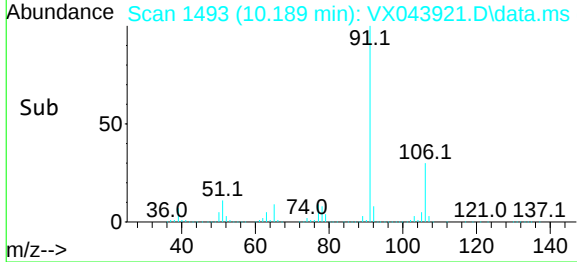
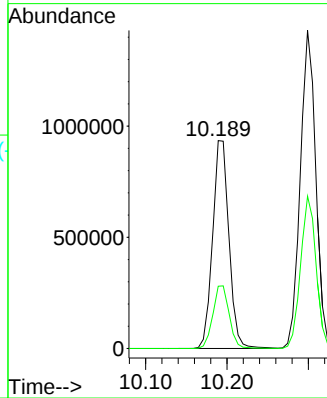
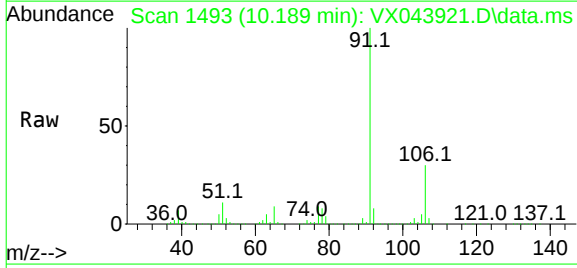
#67
Ethyl Benzene
Concen: 160.398 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1303757
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4

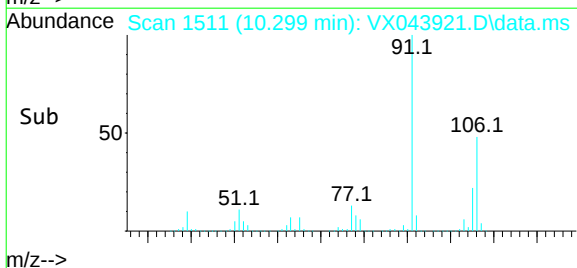
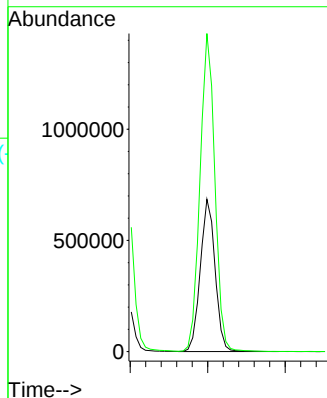
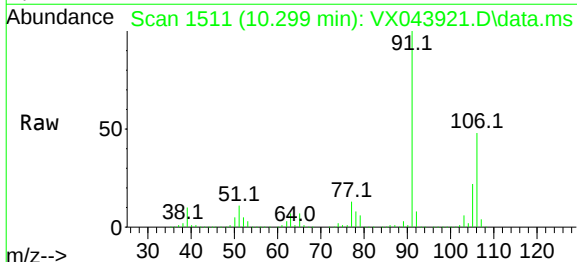
Manual Integrations
APPROVED

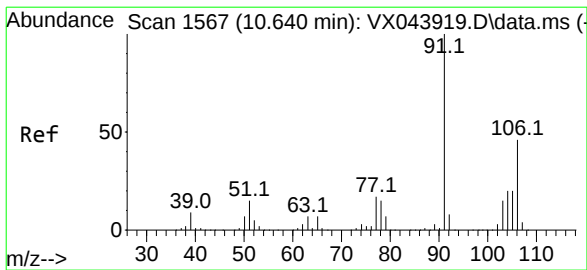
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
m/p-Xylenes
Concen: 299.746 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:106 Resp: 907494
Ion Ratio Lower Upper
106 100
91 209.6 163.3 244.9





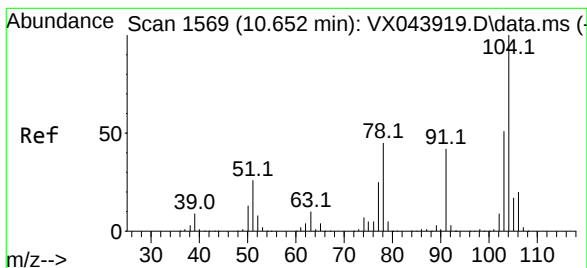
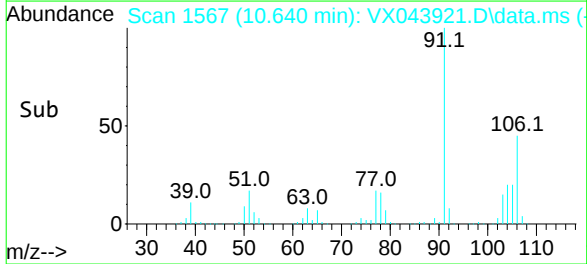
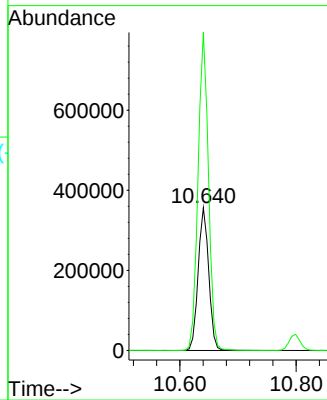
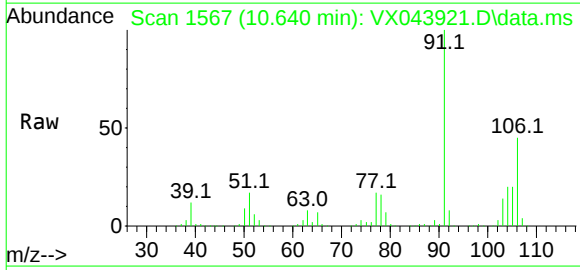
#69
o-Xylene
Concen: 152.665 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 450970
Ion Ratio Lower Upper
106 100
91 219.3 109.6 328.6

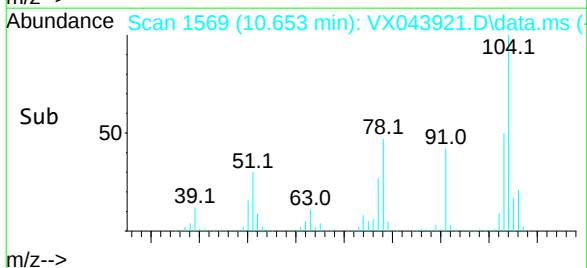
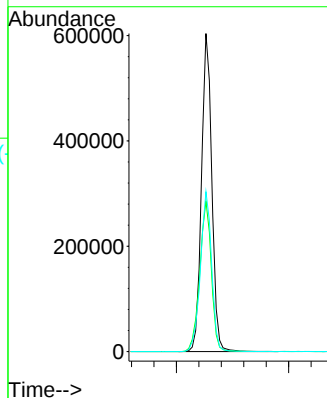
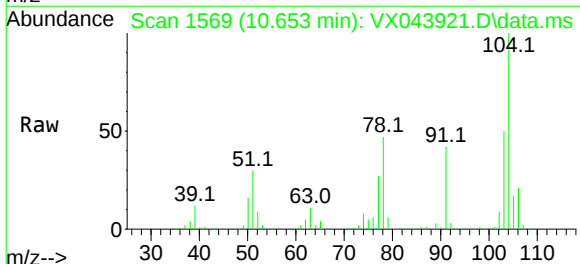
Manual Integrations
APPROVED

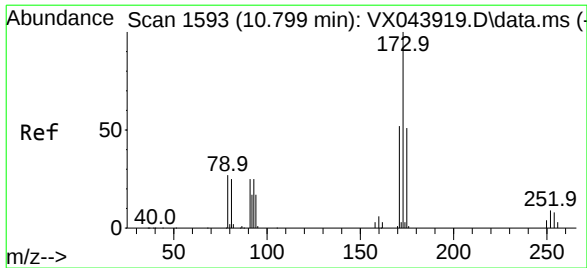
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#70
Styrene
Concen: 159.073 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:104 Resp: 774418
Ion Ratio Lower Upper
104 100
78 53.0 40.3 60.5
103 54.6 43.9 65.9





#71

Bromoform

Concen: 148.465 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

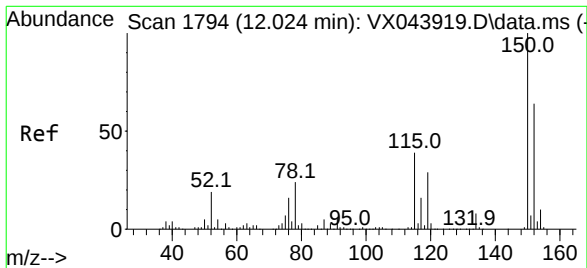
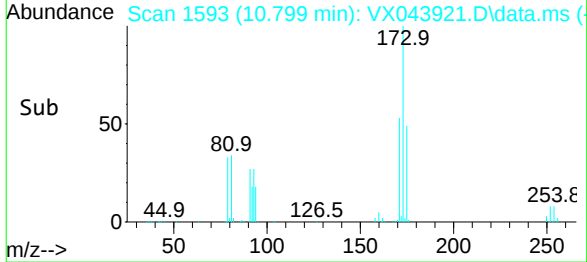
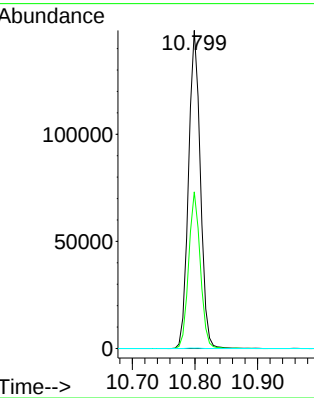
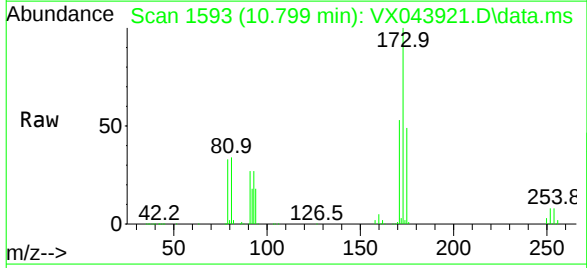
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.8
254	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

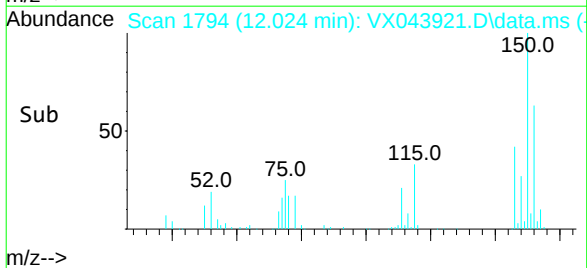
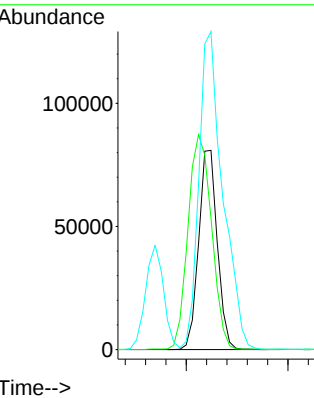
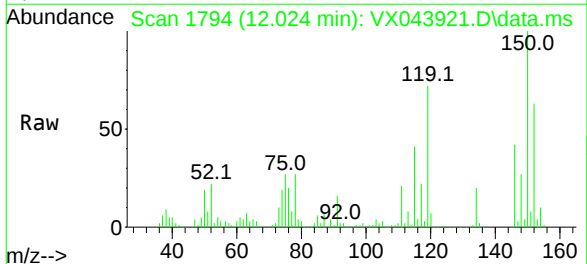
RT: 12.024 min Scan# 1794

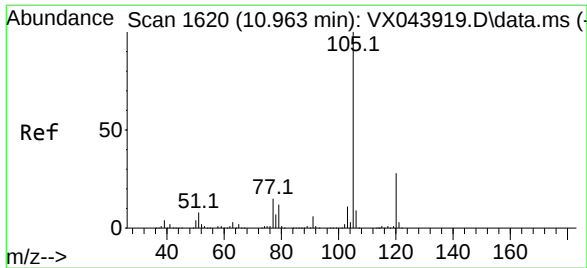
Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	136.7	42.1	126.3
150	203.3	0.0	348.2





#73

Isopropylbenzene

Concen: 156.870 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1153587

Ion Ratio Lower Upper

105 100

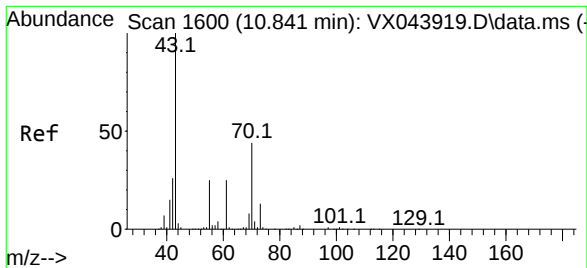
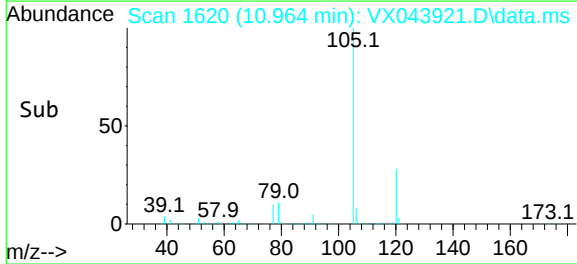
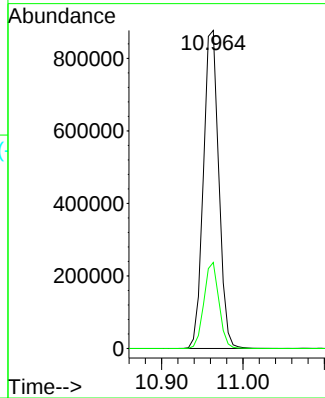
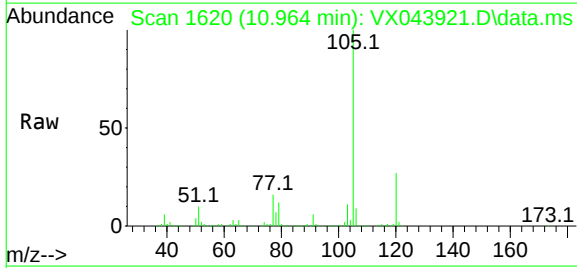
120 26.4 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 152.737 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Tgt Ion: 43 Resp: 598048

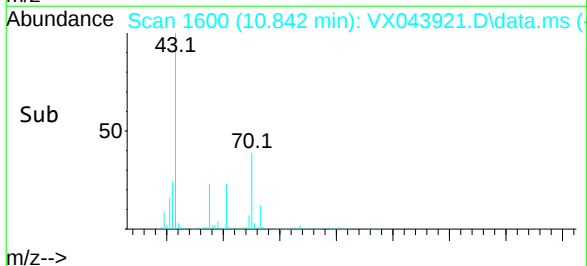
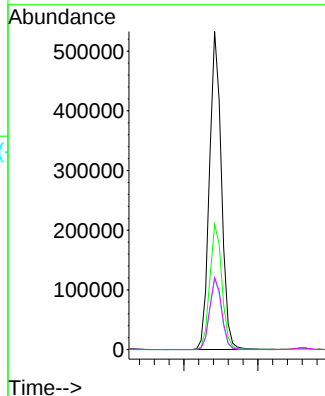
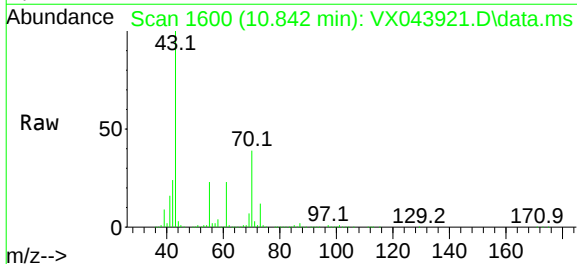
Ion Ratio Lower Upper

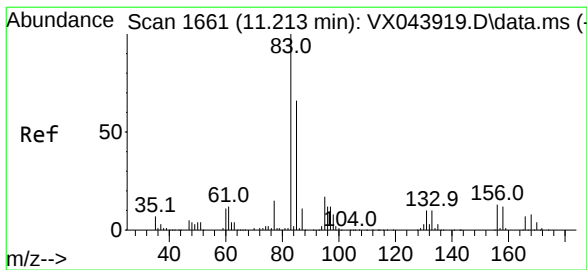
43 100

70 40.1 36.5 54.7

55 22.3 19.6 29.4

61 22.9 20.2 30.2





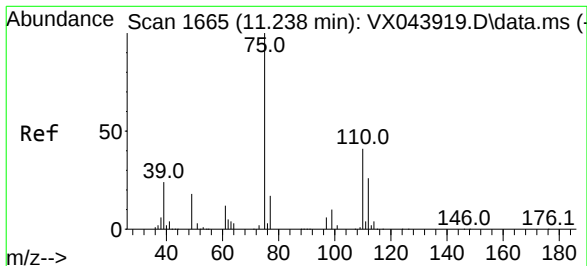
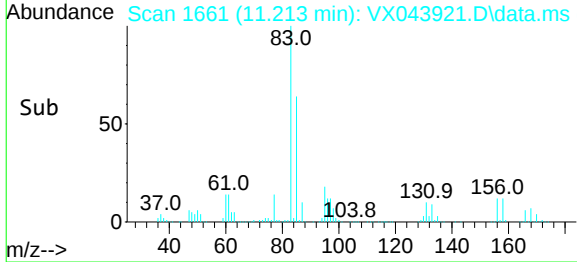
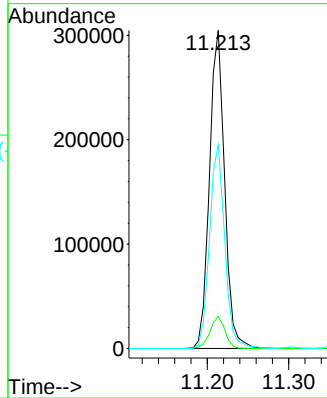
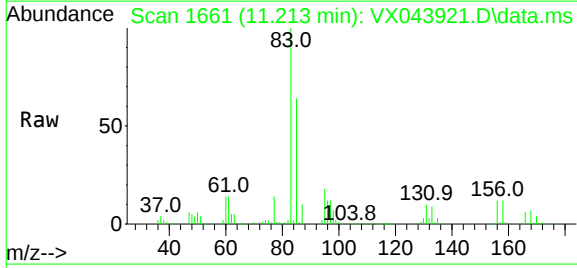
#75
1,1,2,2-Tetrachloroethane
Concen: 158.564 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	83	Resp	394247
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	64.6	32.3	96.9

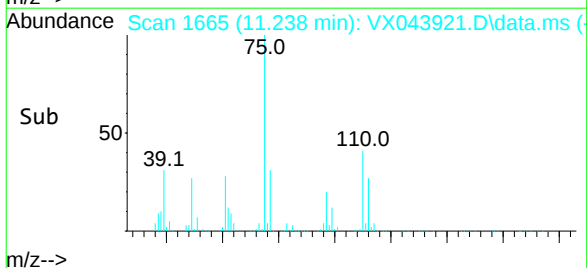
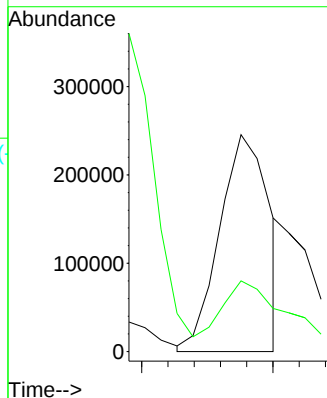
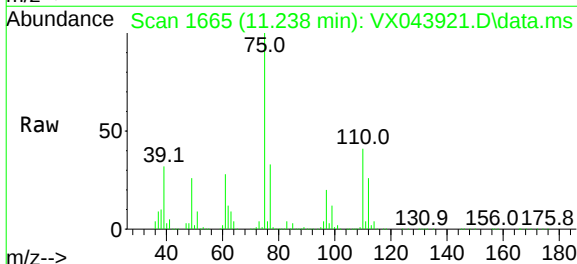
Manual Integrations
APPROVED

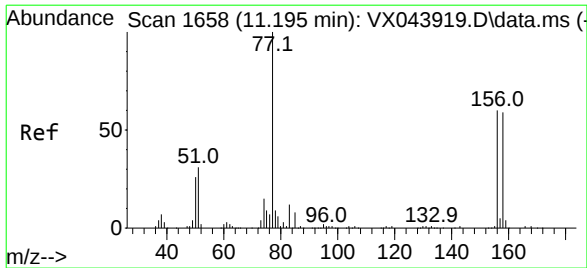
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,2,3-Trichloropropane
Concen: 153.287 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion	75	Resp	322285
Ion	Ratio	Lower	Upper
75	100		
77	44.5	22.4	67.0





#77

Bromobenzene

Concen: 157.783 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

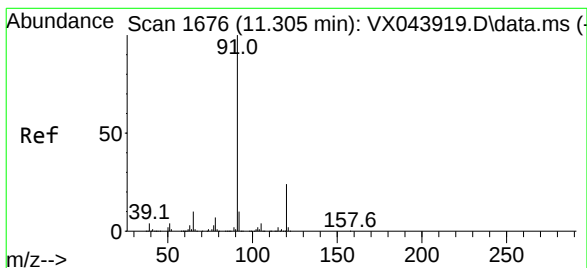
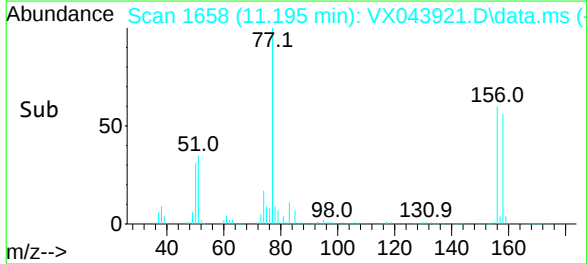
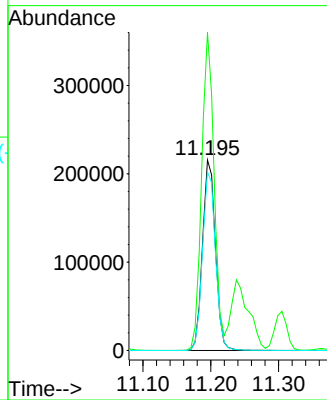
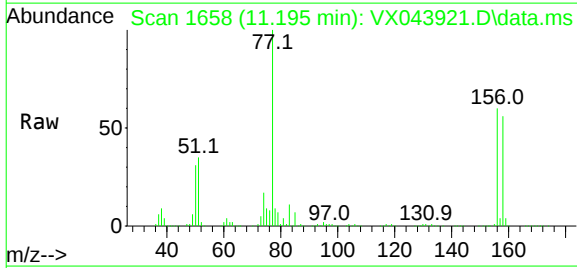
Tgt Ion:	156	Resp:	284369
Ion	Ratio	Lower	Upper
156	100		
77	161.4	81.2	243.6
158	94.9	48.6	145.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#78

n-propylbenzene

Concen: 164.741 ug/l

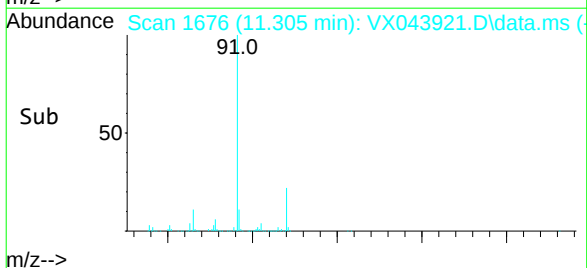
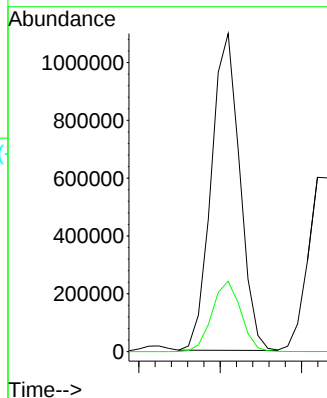
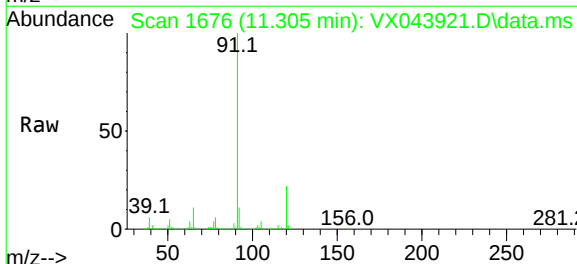
RT: 11.305 min Scan# 1676

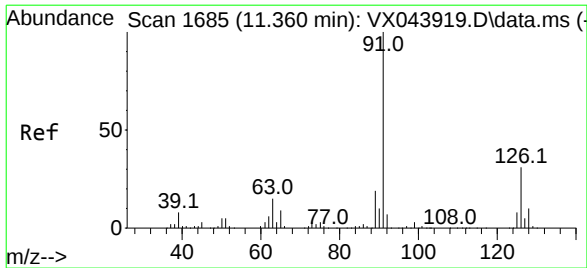
Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Tgt Ion:	91	Resp:	1336722
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.5	34.5





#79

2-Chlorotoluene

Concen: 153.712 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 793603

Ion Ratio Lower Upper

91 100

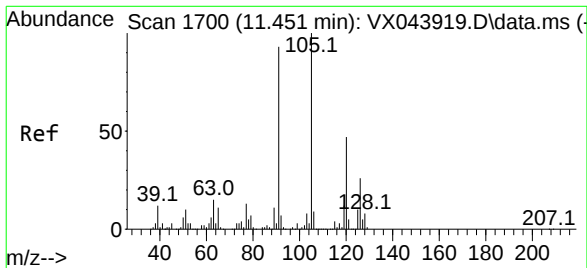
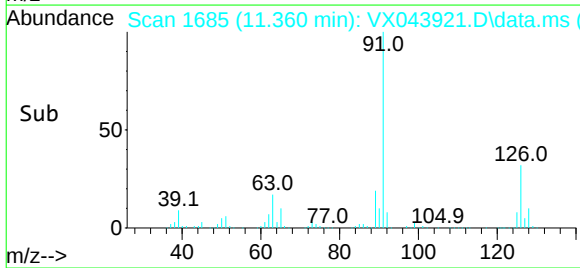
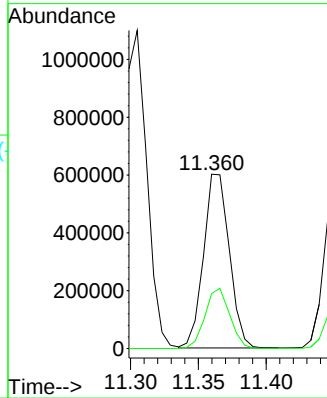
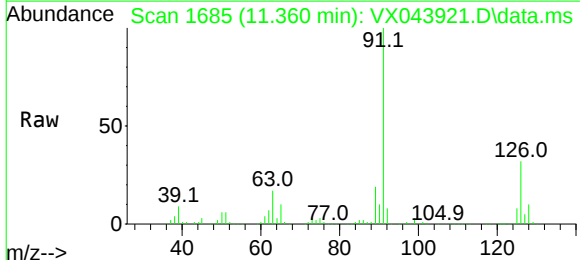
126 33.3 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 158.062 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043921.D

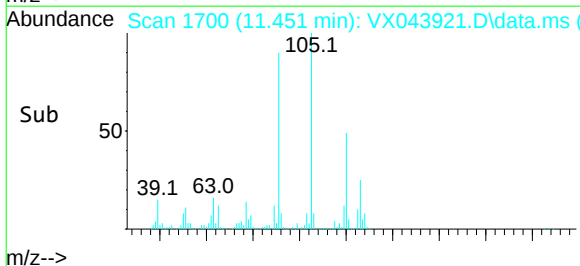
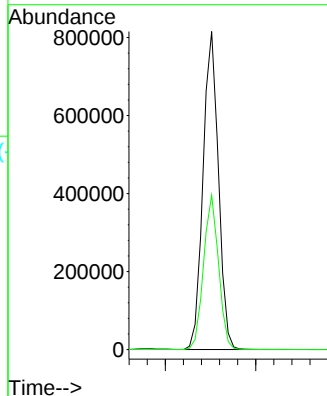
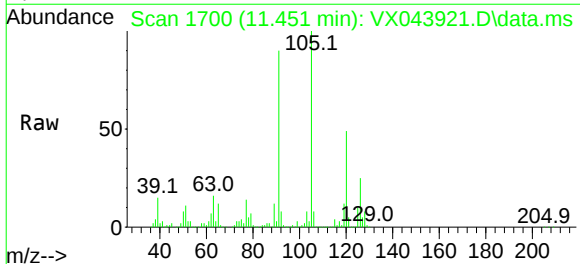
Acq: 20 Nov 2024 18:30

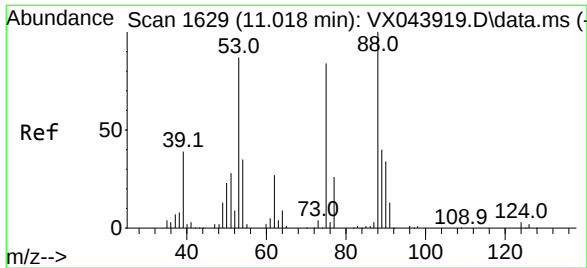
Tgt Ion:105 Resp: 963472

Ion Ratio Lower Upper

105 100

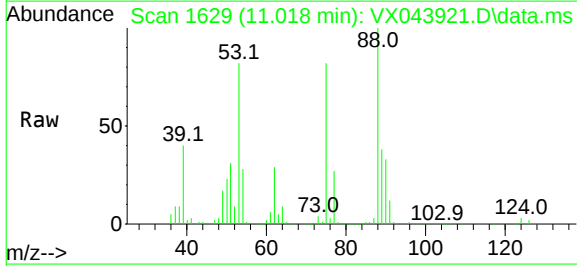
120 47.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 153.218 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

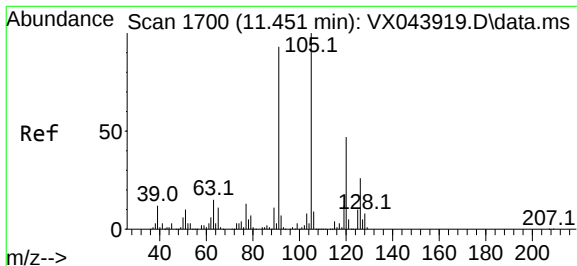
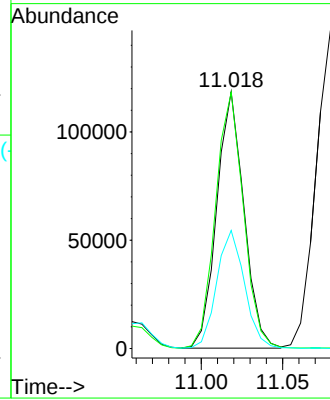
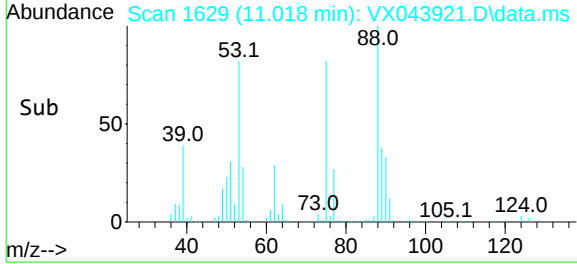
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 137574
Ion Ratio Lower Upper
75 100
53 102.1 81.7 122.5
89 47.3 38.6 57.8

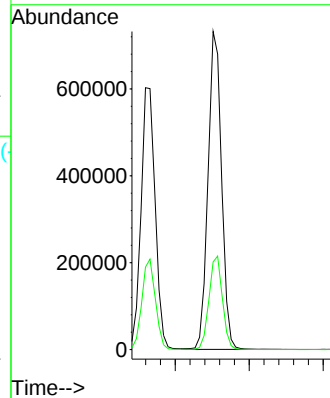
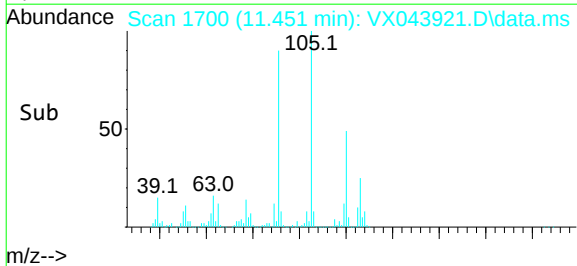
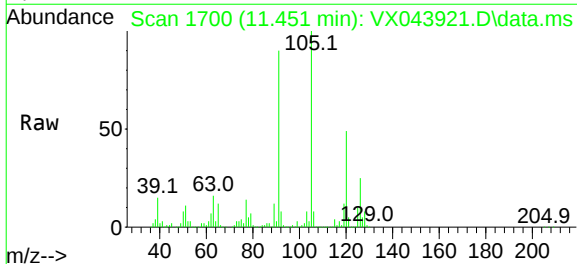
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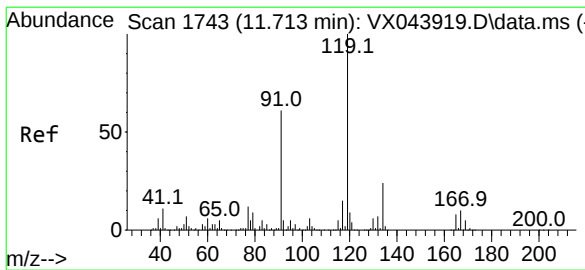
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 156.233 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 91 Resp: 928956
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.2





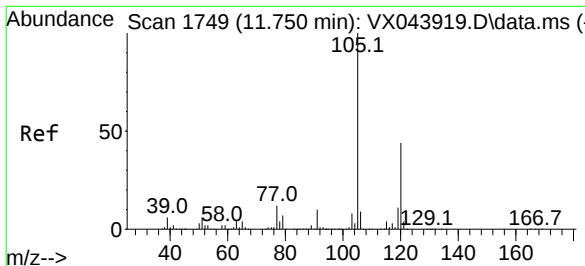
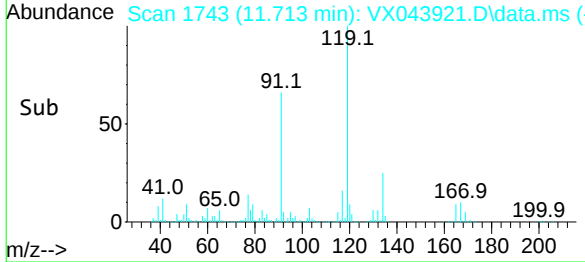
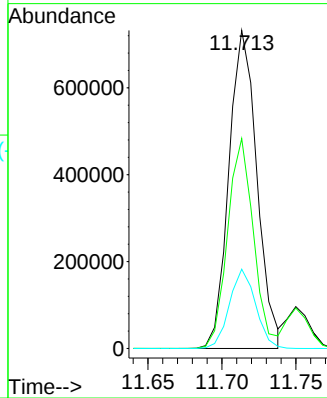
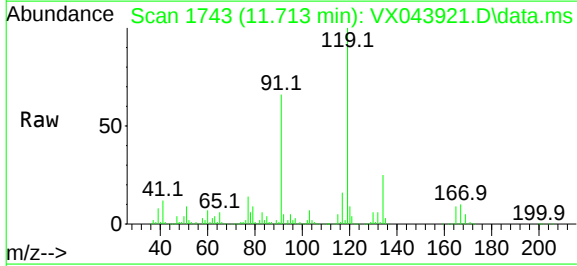
#83
tert-Butylbenzene
Concen: 154.685 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 964507
Ion Ratio Lower Upper
119 100
91 61.2 29.5 88.6
134 23.3 11.8 35.3

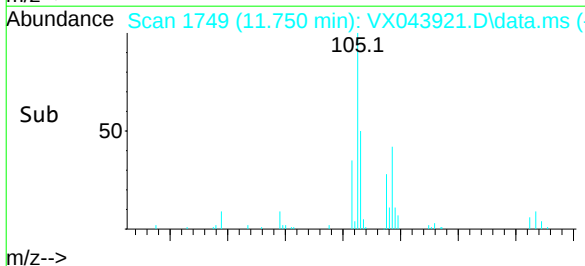
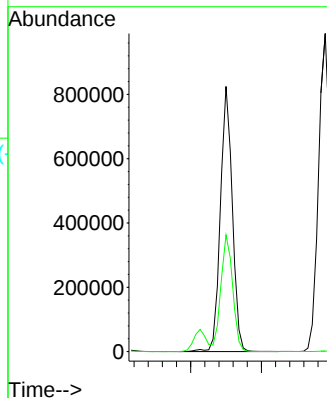
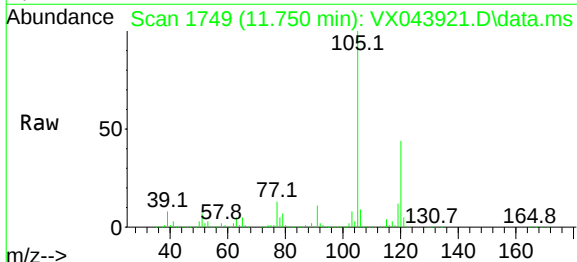
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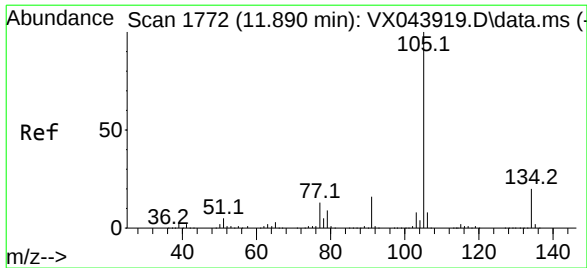
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 155.395 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:105 Resp: 961945
Ion Ratio Lower Upper
105 100
120 43.3 21.7 65.1





#85

sec-Butylbenzene

Concen: 159.619 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1188523

Ion Ratio Lower Upper

105 100

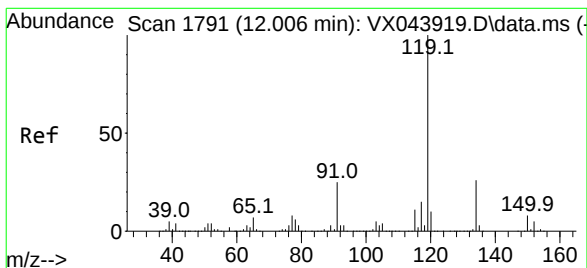
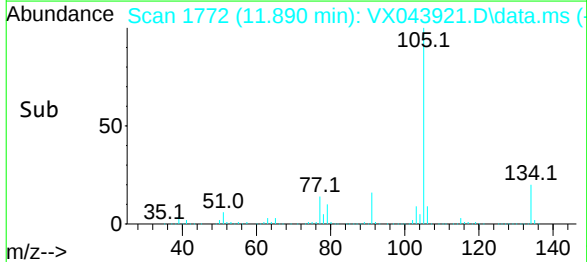
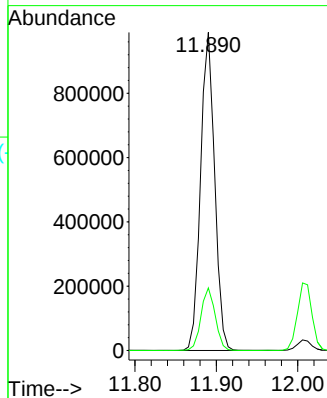
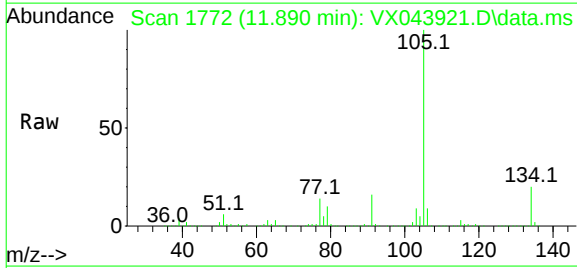
134 19.9 10.0 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#86

p-Isopropyltoluene

Concen: 160.393 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

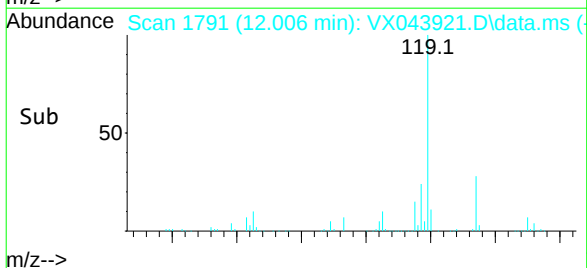
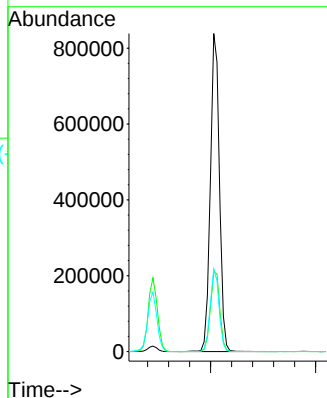
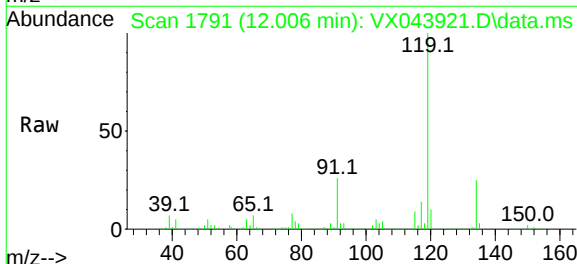
Tgt Ion:119 Resp: 1002800

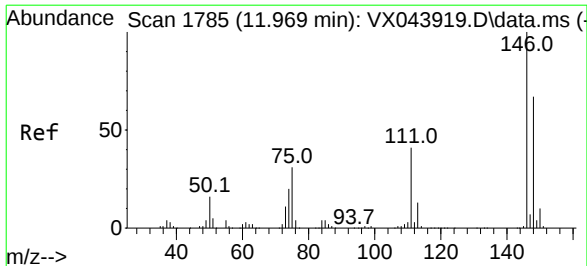
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

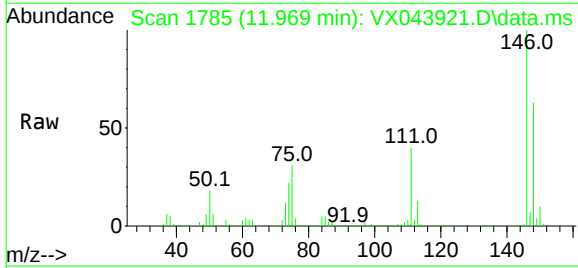
91 25.3 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 155.151 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

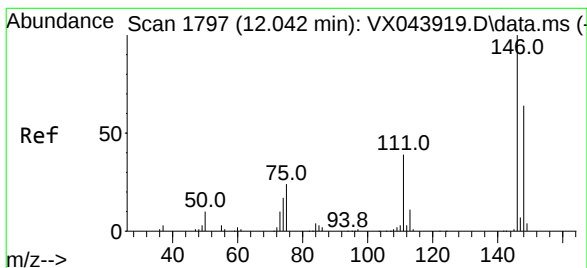
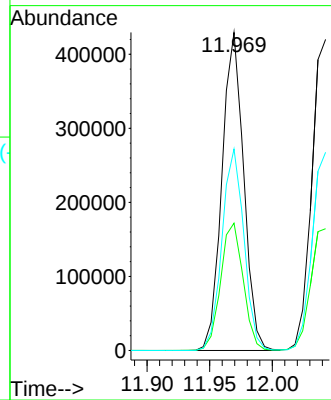
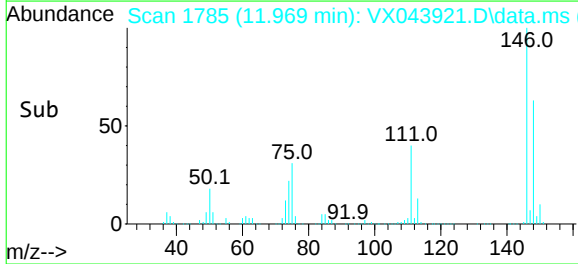
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



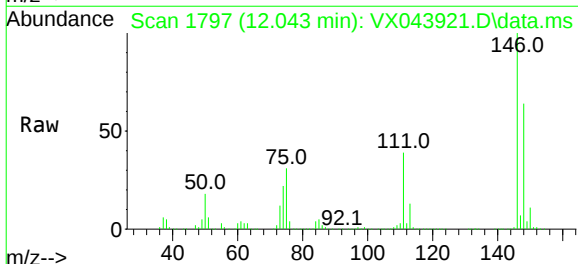
Tgt Ion:146 Resp: 518229
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 64.0 31.8 95.4

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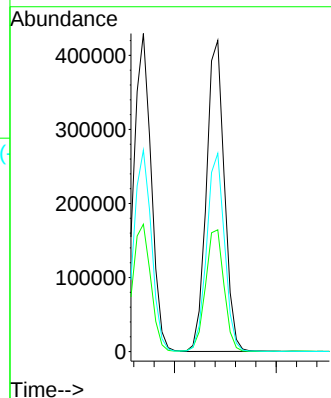
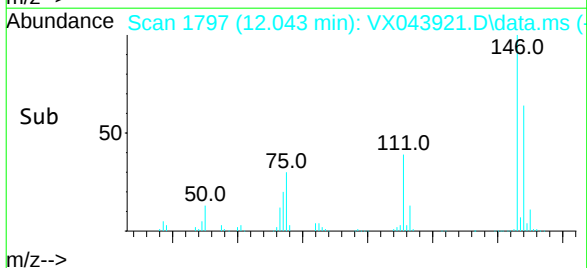
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

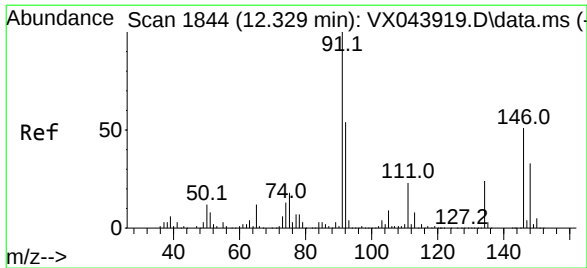


#88
1,4-Dichlorobenzene
Concen: 150.209 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30



Tgt Ion:146 Resp: 514371
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.2
148 63.5 32.2 96.6





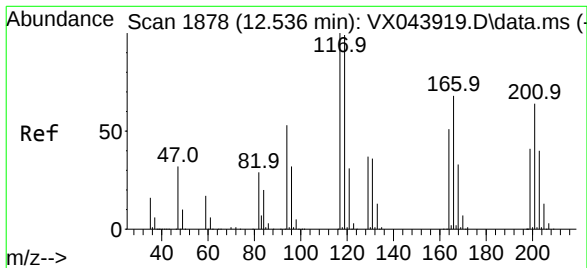
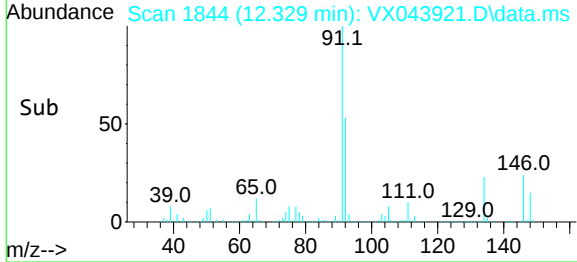
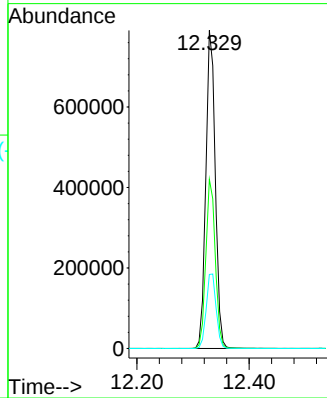
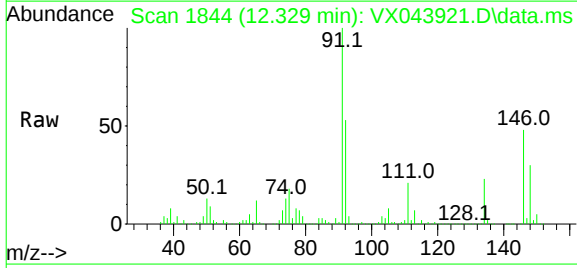
#89
n-Butylbenzene
Concen: 173.196 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 922675
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.6
134 24.7 12.9 38.6

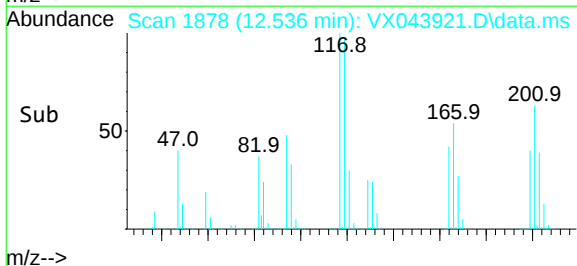
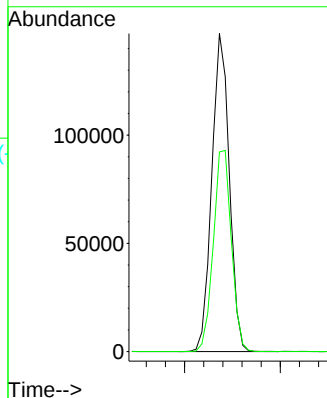
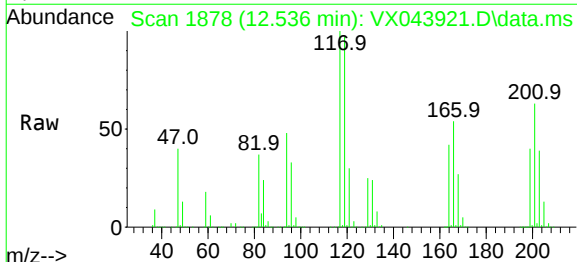
Manual Integrations
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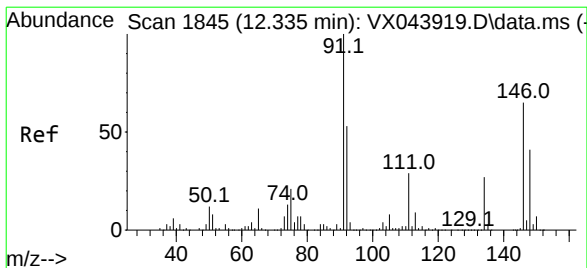
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#90
Hexachloroethane
Concen: 146.779 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

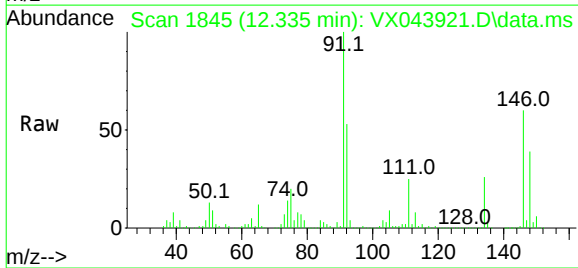
Tgt Ion:117 Resp: 186490
Ion Ratio Lower Upper
117 100
201 65.5 34.1 102.3





#91
1,2-Dichlorobenzene
Concen: 150.111 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

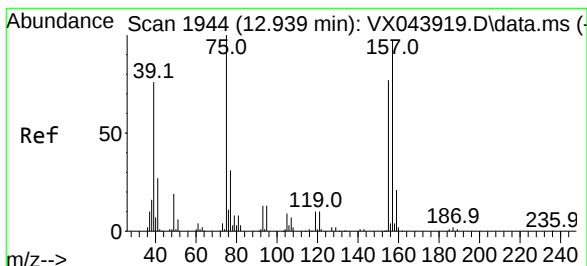
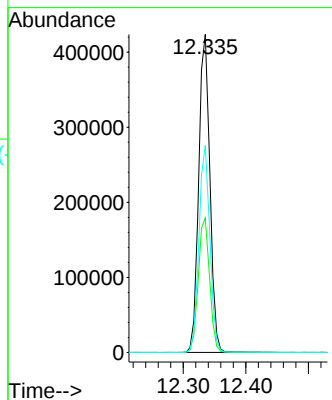
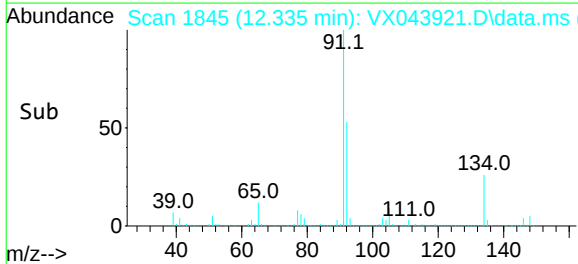
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 524953
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 64.1 31.6 94.7

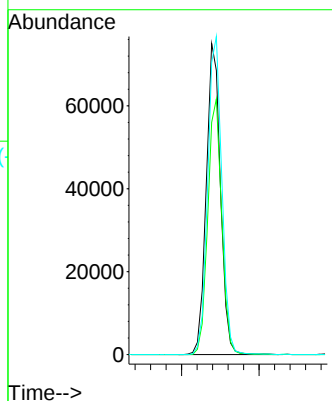
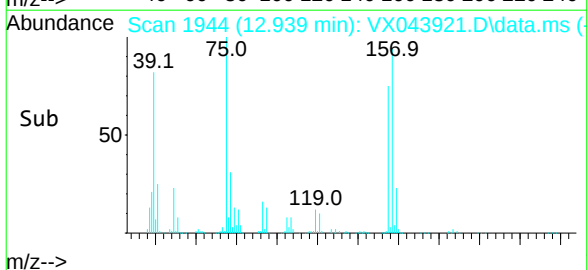
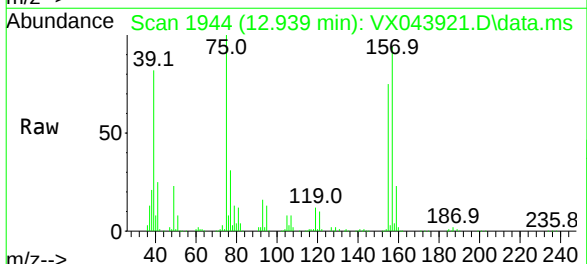
Manual Integrations
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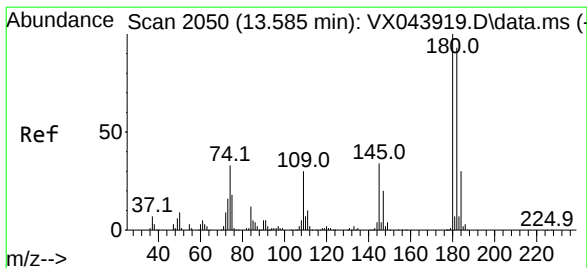
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 147.987 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion: 75 Resp: 95327
Ion Ratio Lower Upper
75 100
155 80.8 40.8 122.5
157 101.8 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 165.821 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

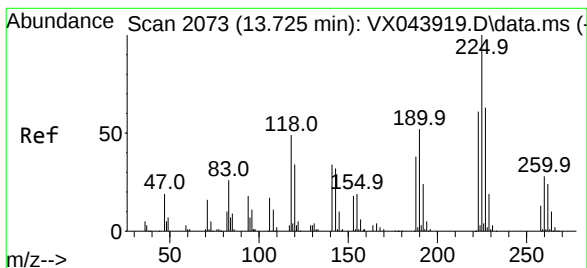
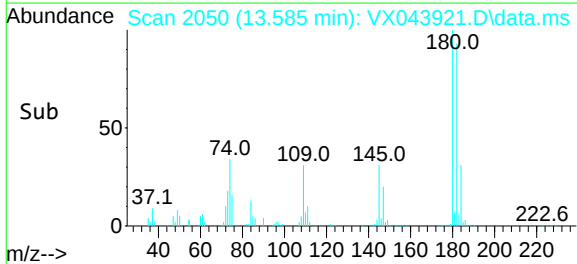
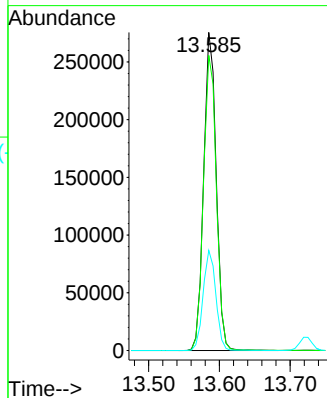
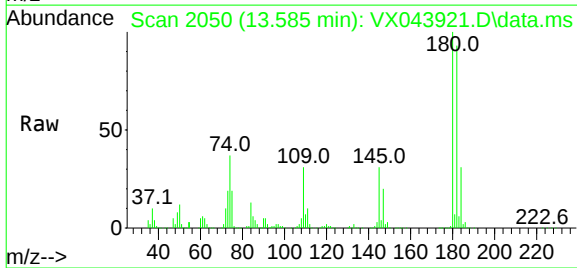
Tgt Ion:	180	Resp:	338901
Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.8	140.4
145	32.1	16.4	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 153.760 ug/l

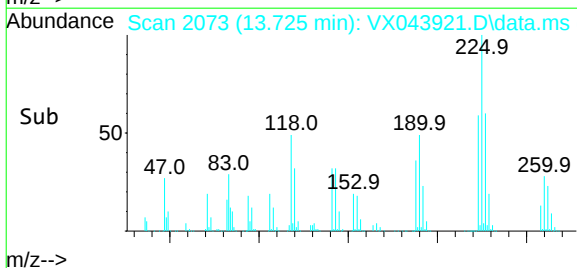
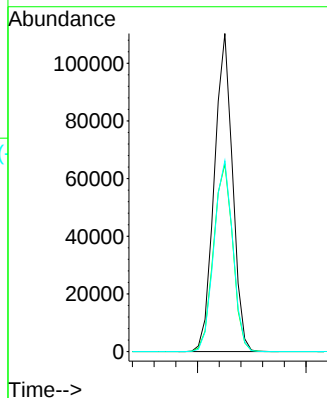
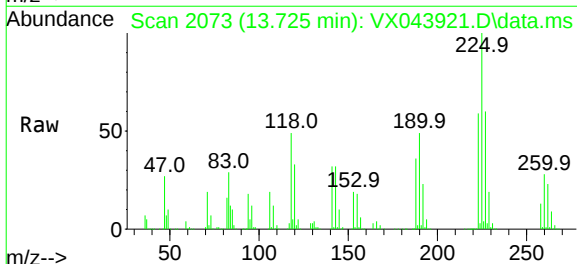
RT: 13.725 min Scan# 2073

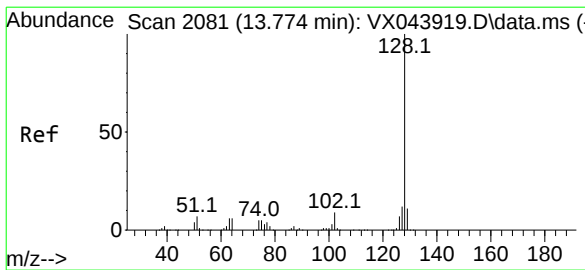
Delta R.T. 0.000 min

Lab File: VX043921.D

Acq: 20 Nov 2024 18:30

Tgt Ion:	225	Resp:	128784
Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.3
227	62.0	29.8	89.5





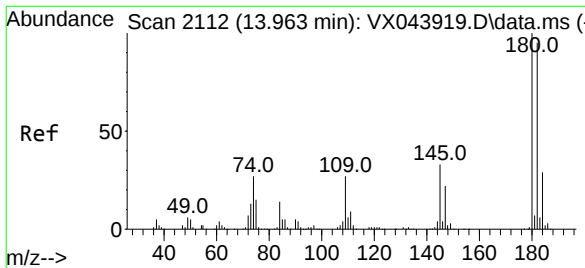
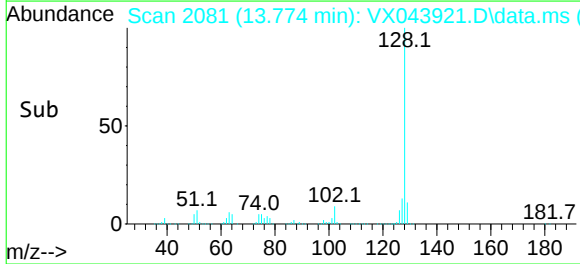
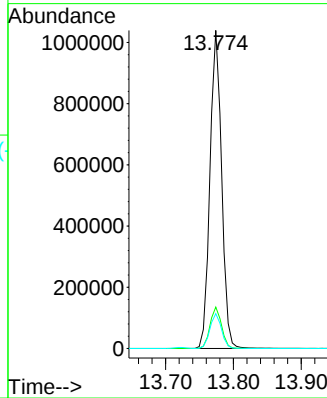
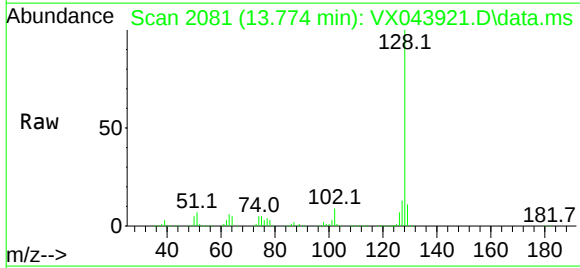
#95
Naphthalene
Concen: 162.354 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1237207
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 159.996 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043921.D
Acq: 20 Nov 2024 18:30

Tgt Ion:180 Resp: 340693
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.8
145 34.9 17.4 52.2

