

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044201.D
 Acq On : 10 Dec 2024 12:22
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Quant Time: Dec 11 01:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	143461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129362	52.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	5.379	113	92918	50.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	8.647	98	311978	49.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	110798	51.736	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27516	15.140	ug/l	99
3) Chloromethane	1.295	50	30484	15.939	ug/l	97
4) Vinyl Chloride	1.374	62	36016	17.705	ug/l	97
5) Bromomethane	1.593	94	25357	20.263	ug/l	99
6) Chloroethane	1.666	64	26478	21.362	ug/l	99
7) Trichlorofluoromethane	1.868	101	69776	19.186	ug/l	95
8) Diethyl Ether	2.130	74	26007	19.620	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	31317	18.052	ug/l	98
10) Methyl Iodide	2.441	142	40131	18.522	ug/l	97
11) Tert butyl alcohol	2.989	59	32534	82.375	ug/l	97
12) 1,1-Dichloroethene	2.307	96	29004	17.545	ug/l	99
13) Acrolein	2.240	56	29903	71.832	ug/l	98
14) Allyl chloride	2.654	41	47939	17.748	ug/l	96
15) Acrylonitrile	3.069	53	97496	101.298	ug/l	99
16) Acetone	2.386	43	102985	91.126	ug/l	100
17) Carbon Disulfide	2.502	76	43919	12.880	ug/l	99
18) Methyl Acetate	2.709	43	53732	20.416	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	122196	20.358	ug/l	97
20) Methylene Chloride	2.782	84	35205	18.357	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	30038	17.600	ug/l	98
22) Diisopropyl ether	3.764	45	114408	19.808	ug/l	92
23) Vinyl Acetate	3.721	43	487174	98.600	ug/l	99
24) 1,1-Dichloroethane	3.605	63	64095	19.236	ug/l	98
25) 2-Butanone	4.562	43	149041	102.207	ug/l	100
26) 2,2-Dichloropropane	4.471	77	54378	18.070	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	40454	19.176	ug/l	98
28) Bromochloromethane	4.898	49	31279	21.326	ug/l	98
29) Tetrahydrofuran	5.013	42	91295	102.121	ug/l	99
30) Chloroform	5.093	83	71902	20.063	ug/l	99
31) Cyclohexane	5.465	56	48485	17.680	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62516	20.229	ug/l	99
36) 1,1-Dichloropropene	5.684	75	42707	18.774	ug/l	99
37) Ethyl Acetate	4.721	43	56223	19.911	ug/l	98
38) Carbon Tetrachloride	5.666	117	46733	18.283	ug/l	96
39) Methylcyclohexane	7.379	83	49682	16.811	ug/l	95
40) Benzene	6.032	78	134799	19.024	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044201.D
 Acq On : 10 Dec 2024 12:22
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Quant Time: Dec 11 01:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30829	21.331	ug/l	95
42) 1,2-Dichloroethane	6.086	62	57506	20.207	ug/l	99
43) Isopropyl Acetate	6.342	43	92107	20.496	ug/l	99
44) Trichloroethene	7.123	130	32850	16.377	ug/l	96
45) 1,2-Dichloropropane	7.434	63	34167	19.687	ug/l	94
46) Dibromomethane	7.580	93	27883	20.310	ug/l	99
47) Bromodichloromethane	7.818	83	49215	19.988	ug/l	98
48) Methyl methacrylate	7.696	41	43021	19.951	ug/l	99
49) 1,4-Dioxane	7.665	88	9854	256.541	ug/l #	38
51) 4-Methyl-2-Pentanone	8.574	43	301689	110.009	ug/l	98
52) Toluene	8.720	92	84219	19.858	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	47285	18.833	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	51841	18.834	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	35301	20.164	ug/l	98
56) Ethyl methacrylate	9.116	69	55856	20.483	ug/l	97
57) 1,3-Dichloropropane	9.305	76	60589	20.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	123591	82.064	ug/l	97
59) 2-Hexanone	9.433	43	221552	107.484	ug/l	100
60) Dibromochloromethane	9.519	129	33007	18.791	ug/l	95
61) 1,2-Dibromoethane	9.610	107	36436	20.583	ug/l	99
64) Tetrachloroethene	9.275	164	28559	19.902	ug/l	97
65) Chlorobenzene	10.080	112	93648	19.593	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31344	20.220	ug/l	97
67) Ethyl Benzene	10.195	91	161984	20.000	ug/l	100
68) m/p-Xylenes	10.299	106	121841	40.339	ug/l	98
69) o-Xylene	10.640	106	59823	20.286	ug/l	98
70) Styrene	10.653	104	98764	20.249	ug/l	98
71) Bromoform	10.799	173	19230	17.726	ug/l #	98
73) Isopropylbenzene	10.964	105	156270	20.063	ug/l	100
74) N-amyl acetate	10.842	43	72802	20.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	55313	20.740	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	45635m	20.537	ug/l	
77) Bromobenzene	11.195	156	36322	19.549	ug/l	99
78) n-propylbenzene	11.305	91	169125	19.442	ug/l	100
79) 2-Chlorotoluene	11.366	91	109815	19.964	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	129646	20.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13258	16.281	ug/l	88
82) 4-Chlorotoluene	11.451	91	124570	20.059	ug/l	98
83) tert-Butylbenzene	11.713	119	130260	20.509	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	133139	20.869	ug/l	98
85) sec-Butylbenzene	11.890	105	156966	20.171	ug/l	99
86) p-Isopropyltoluene	12.006	119	131174	20.752	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	64387	19.027	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	66782	19.356	ug/l	98
89) n-Butylbenzene	12.335	91	108826	19.527	ug/l	98
90) Hexachloroethane	12.536	117	18615	17.319	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	67188	19.674	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10196	19.080	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	34977	17.372	ug/l	94
94) Hexachlorobutadiene	13.725	225	14782	18.576	ug/l	99
95) Naphthalene	13.774	128	143097	19.744	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38793	19.036	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044201.D
Acq On : 10 Dec 2024 12:22
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 01:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

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

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

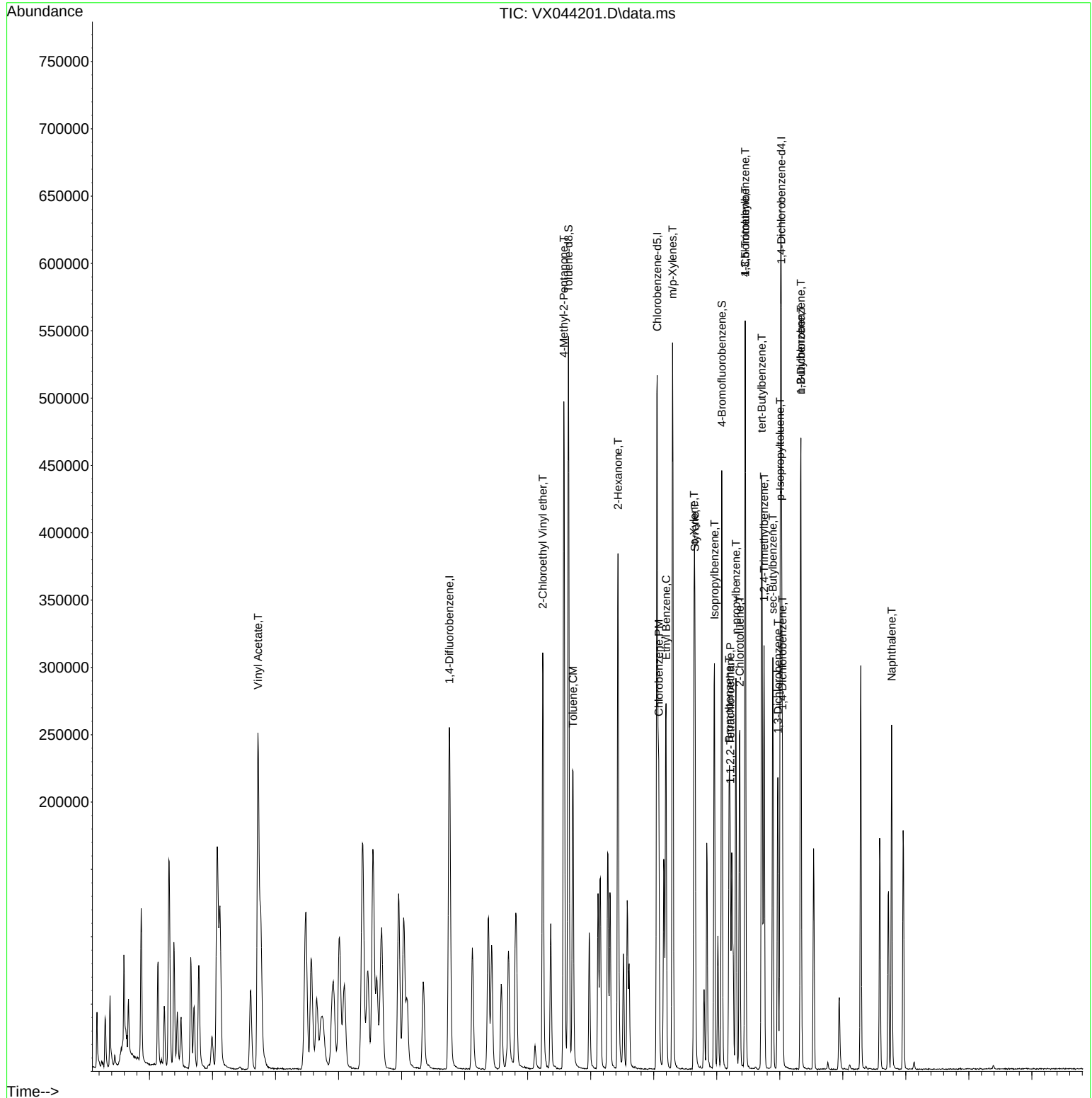
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044201.D
Acq On : 10 Dec 2024 12:22
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

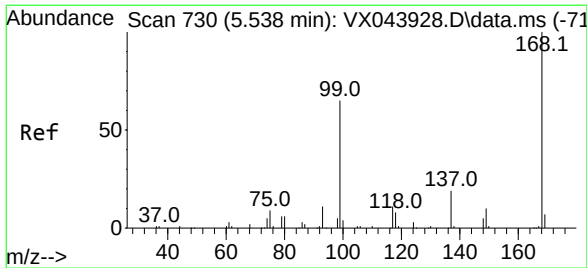
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

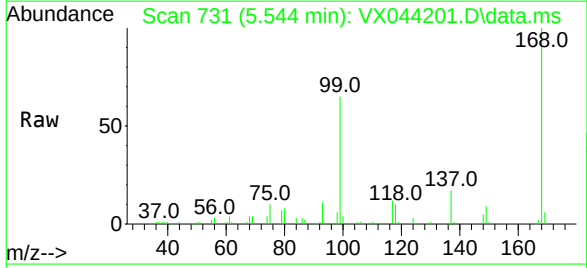
Quant Time: Dec 11 01:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

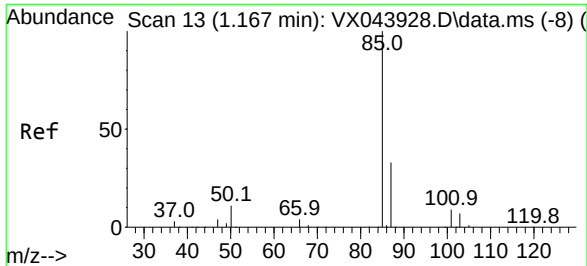
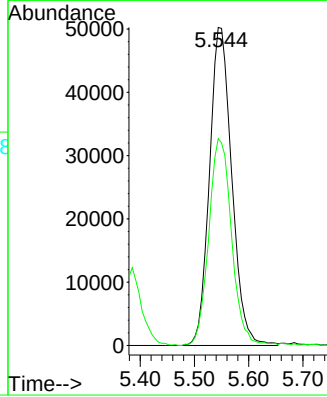
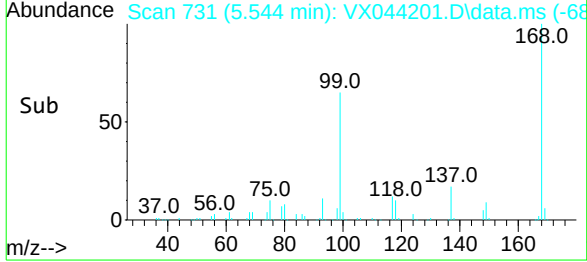
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion: 168 Resp: 143461
Ion Ratio Lower Upper
168 100
99 65.0 51.8 77.8

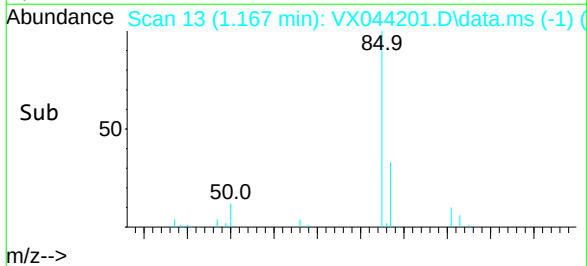
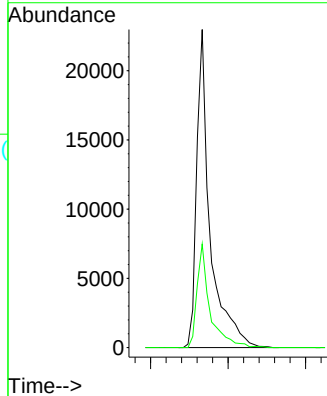
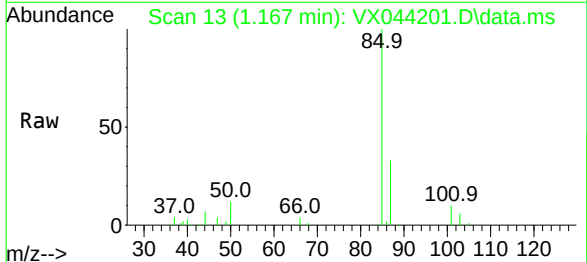
Manual Integrations
APPROVED

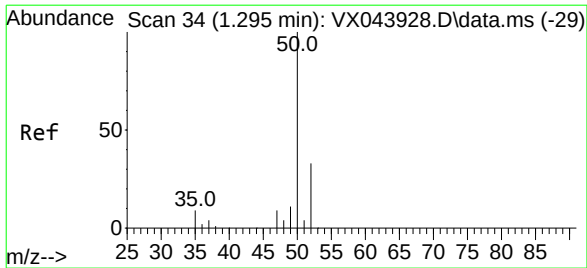
Reviewed By : John Carlone 12/11/2024
Supervised By : Mahesh Dadoda 12/11/2024



#2
Dichlorodifluoromethane
Concen: 15.140 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 85 Resp: 27516
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8





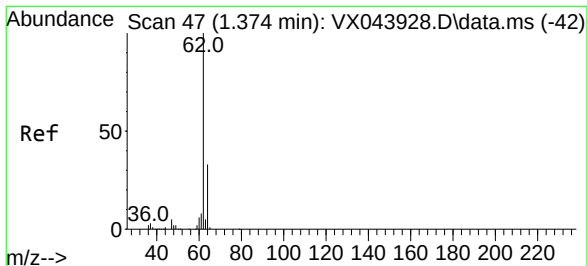
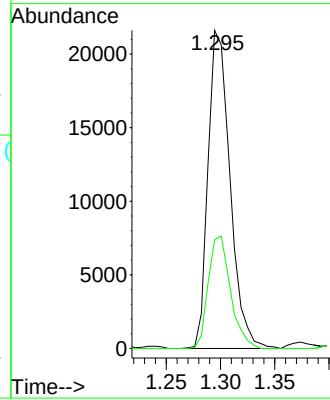
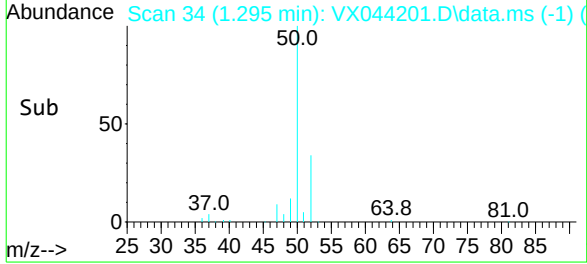
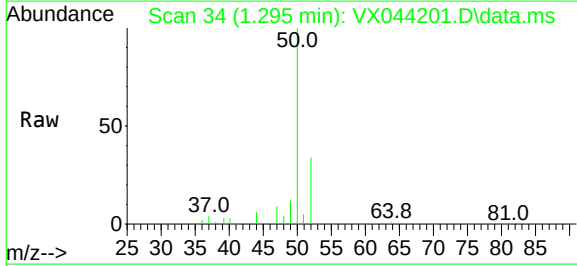
#3
Chloromethane
Concen: 15.939 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	34.2	26.1	39.1

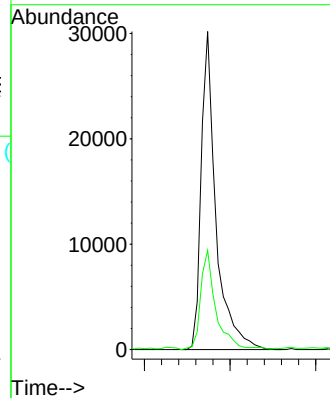
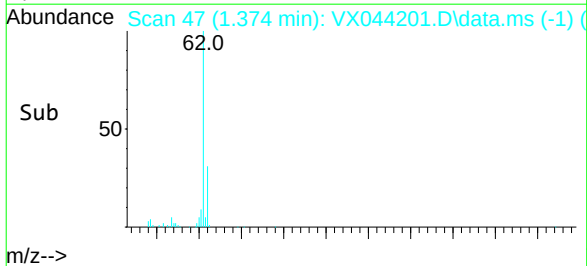
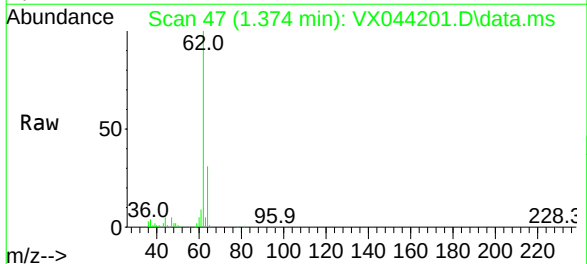
Manual Integrations
APPROVED

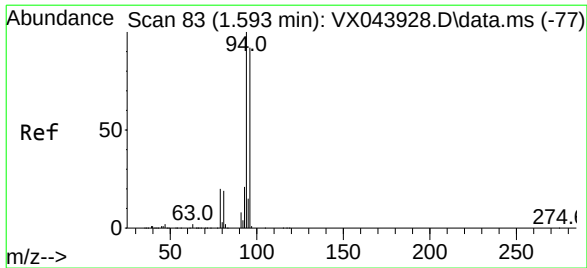
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#4
Vinyl Chloride
Concen: 17.705 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.2	26.2	39.4





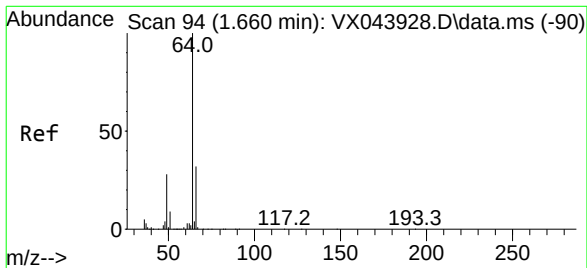
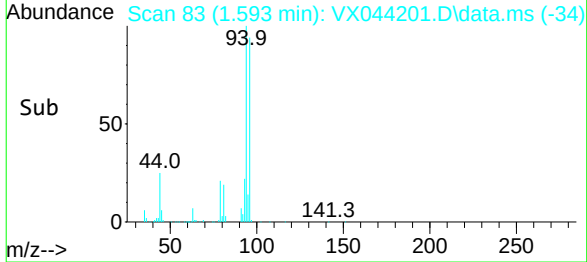
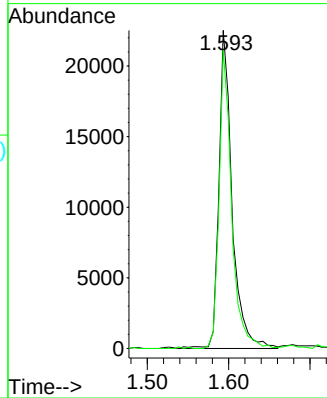
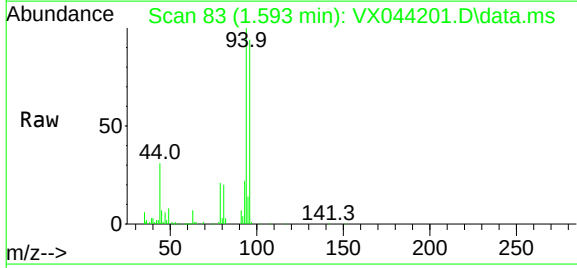
#5
Bromomethane
Concen: 20.263 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 94 Resp: 25357
Ion Ratio Lower Upper
94 100
96 93.4 73.9 110.9

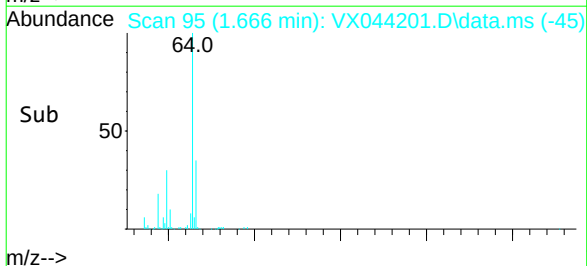
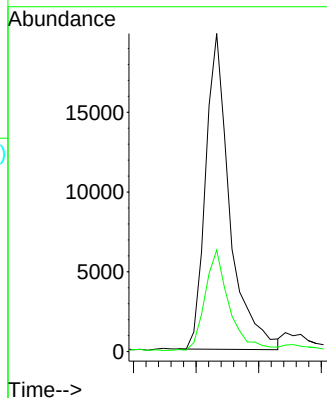
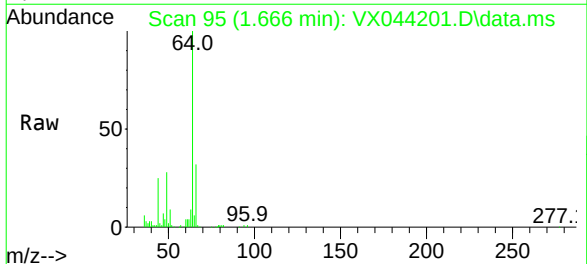
Manual Integrations
APPROVED

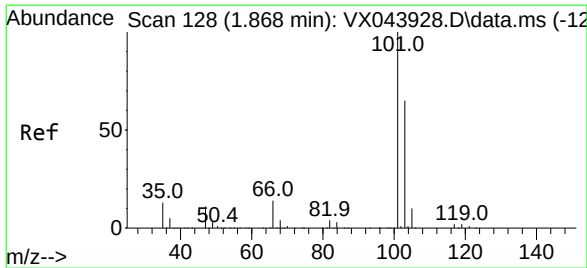
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#6
Chloroethane
Concen: 21.362 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 64 Resp: 26478
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9





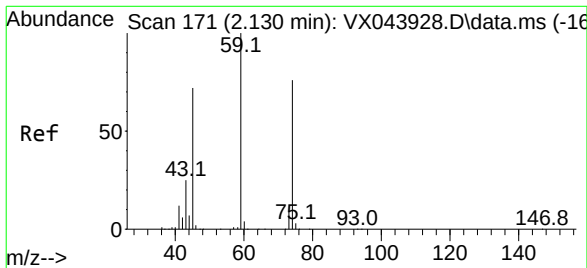
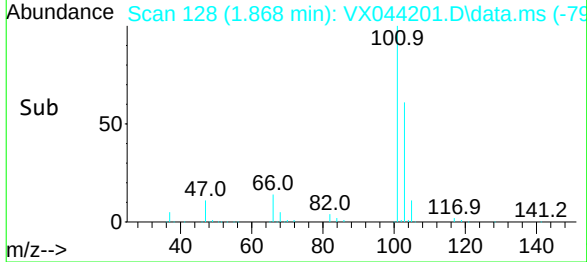
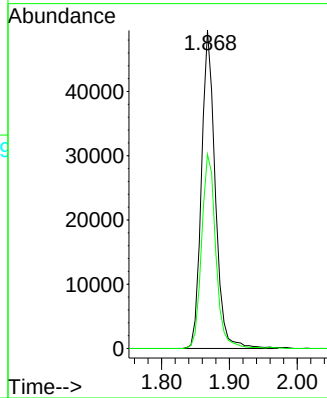
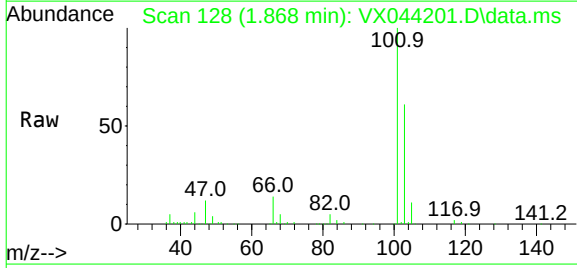
#7
 Trichlorofluoromethane
 Concen: 19.186 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX044201.D
 Acq: 10 Dec 2024 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tgt Ion:101 Resp: 69776
 Ion Ratio Lower Upper
 101 100
 103 61.1 52.2 78.2

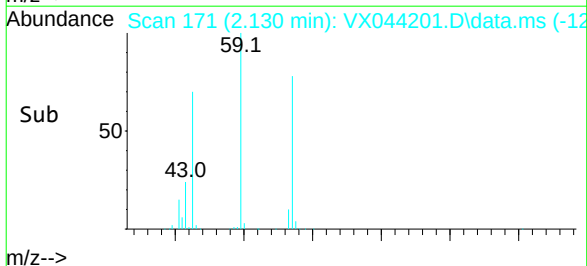
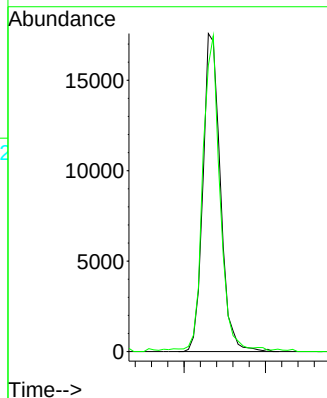
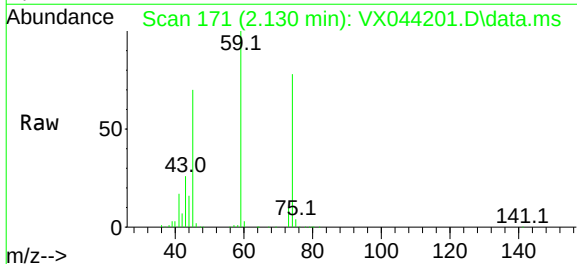
Manual Integrations
 APPROVED

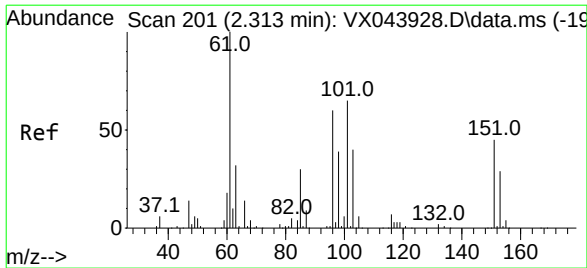
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#8
 Diethyl Ether
 Concen: 19.620 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX044201.D
 Acq: 10 Dec 2024 12:22

Tgt Ion: 74 Resp: 26007
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.9 143.6





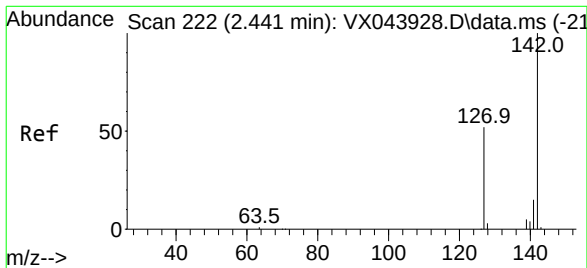
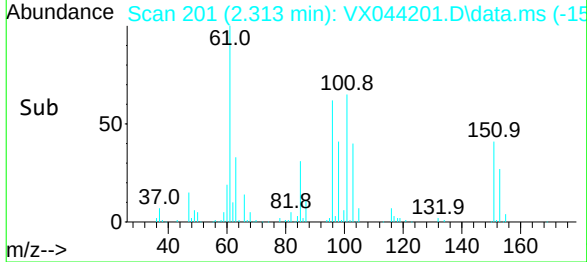
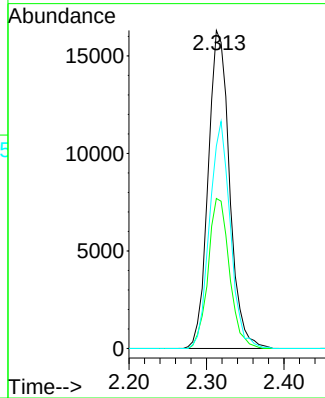
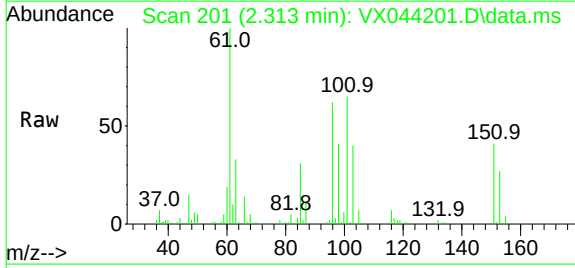
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.052 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.9	56.9
151	69.1	57.5	86.3

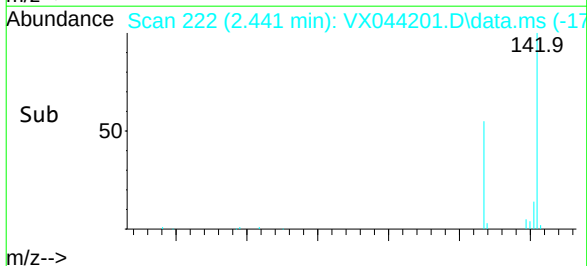
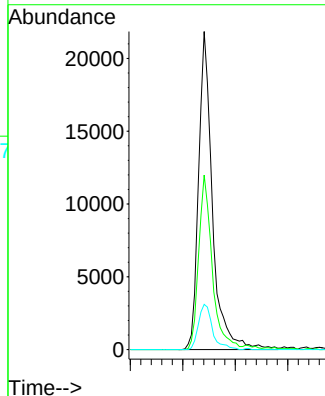
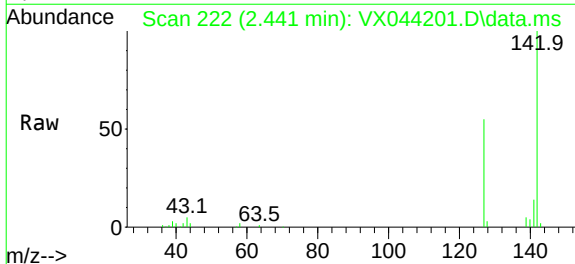
Manual Integrations
APPROVED

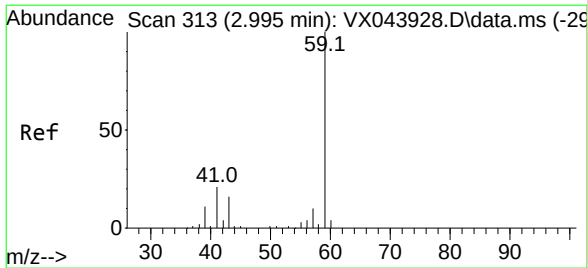
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#10
Methyl Iodide
Concen: 18.522 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion	Ratio	Lower	Upper
142	100		
127	53.5	40.7	61.1
141	14.4	12.0	18.0





#11

Tert butyl alcohol

Concen: 82.375 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion: 59 Resp: 32534

Ion Ratio Lower Upper

59 100

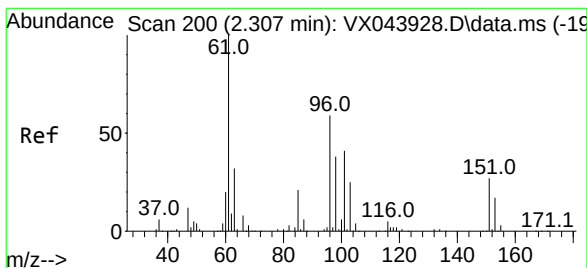
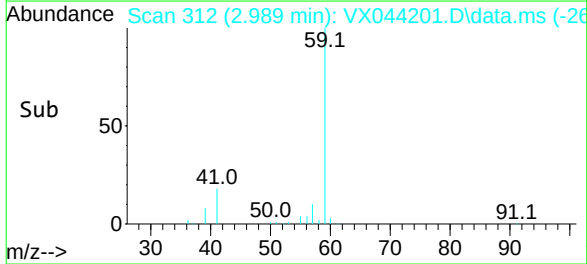
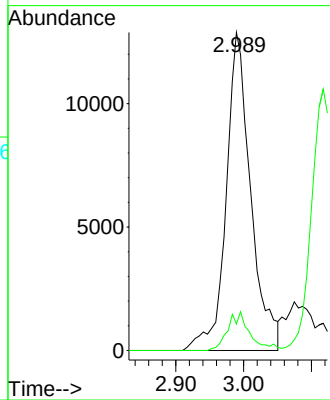
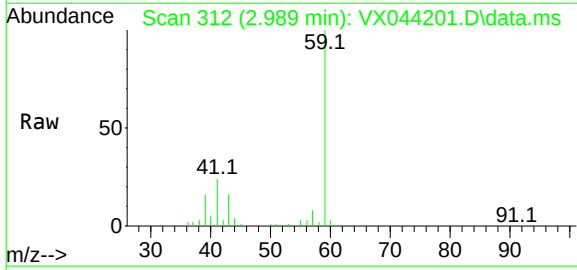
57 10.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#12

1,1-Dichloroethene

Concen: 17.545 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

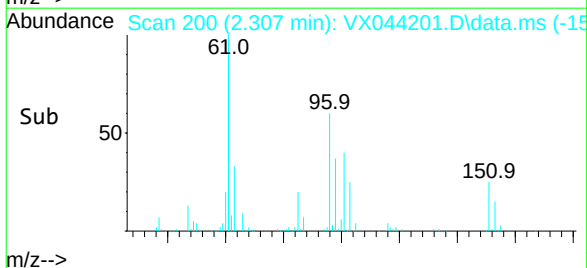
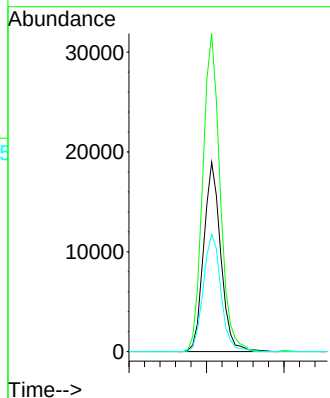
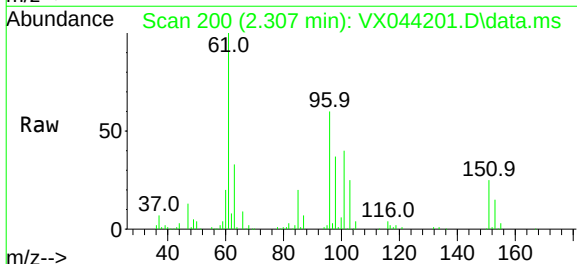
Tgt Ion: 96 Resp: 29004

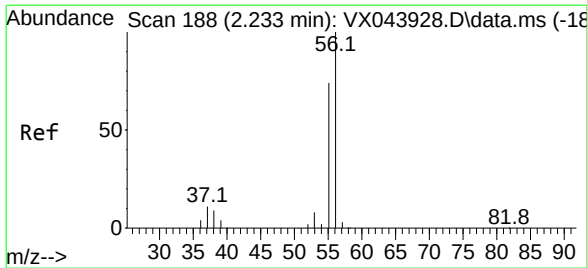
Ion Ratio Lower Upper

96 100

61 167.8 135.5 203.3

98 62.0 50.8 76.2





#13

Acrolein

Concen: 71.832 ug/l

RT: 2.240 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion: 56 Resp: 29903

Ion Ratio Lower Upper

56 100

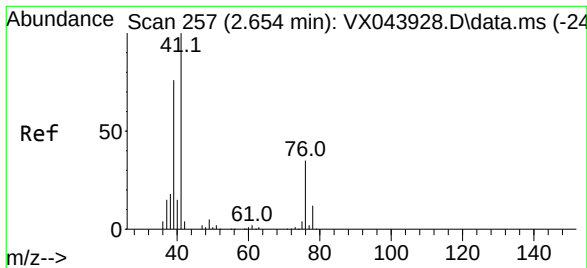
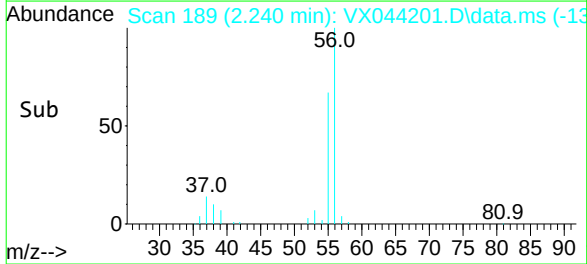
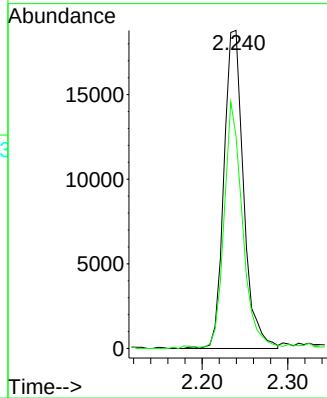
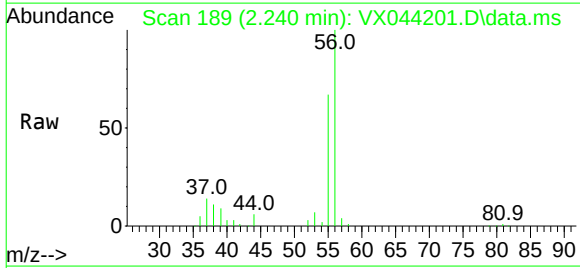
55 71.4 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#14

Allyl chloride

Concen: 17.748 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

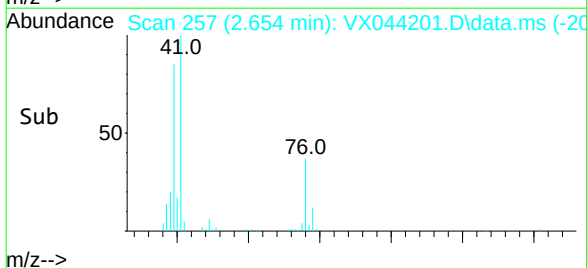
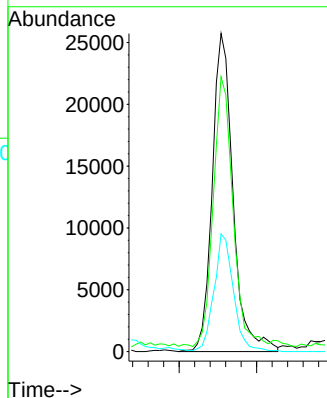
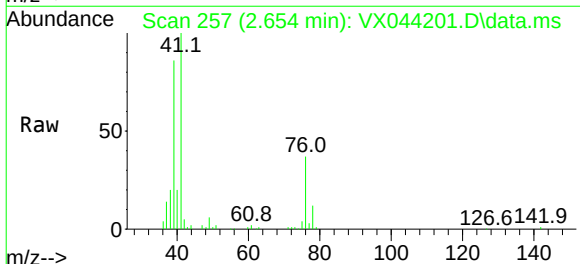
Tgt Ion: 41 Resp: 47939

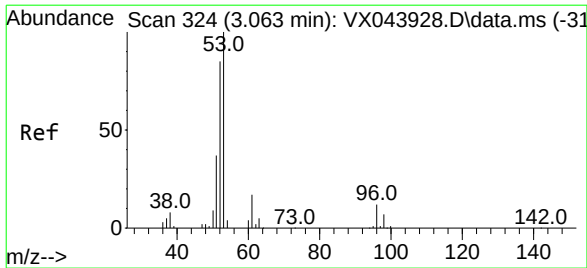
Ion Ratio Lower Upper

41 100

39 78.6 59.5 89.3

76 34.7 27.4 41.2





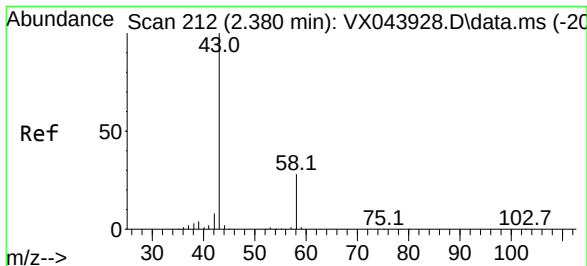
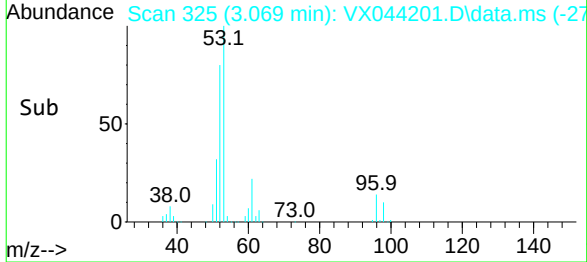
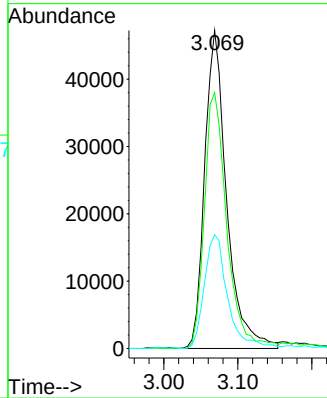
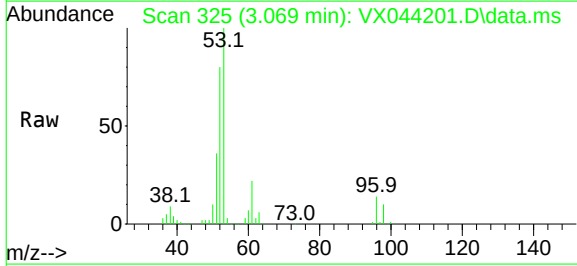
#15
Acrylonitrile
Concen: 101.298 ug/l
RT: 3.069 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.5	99.7
51	37.9	30.2	45.4

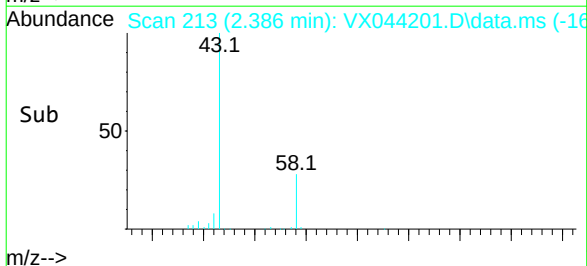
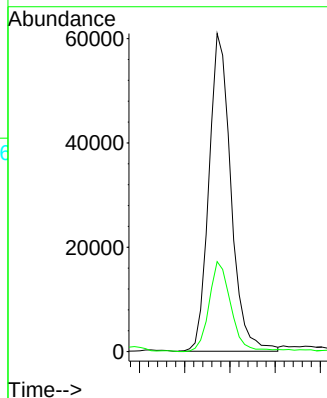
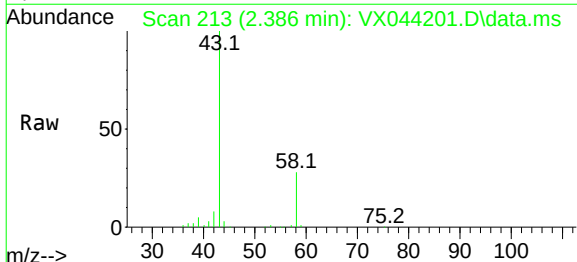
Manual Integrations
APPROVED

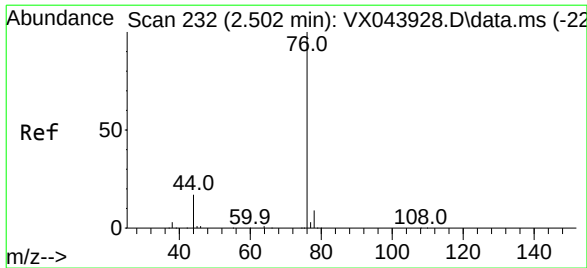
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#16
Acetone
Concen: 91.126 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.7	34.1





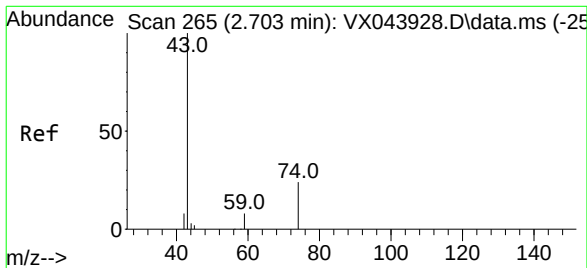
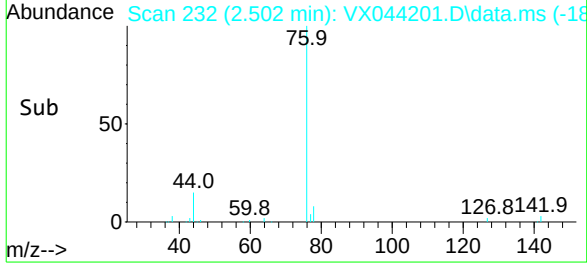
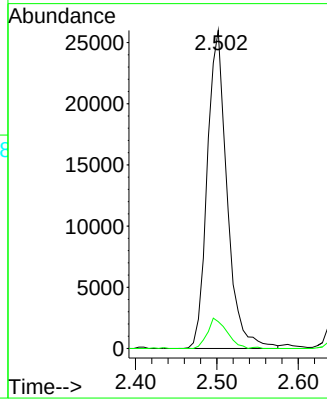
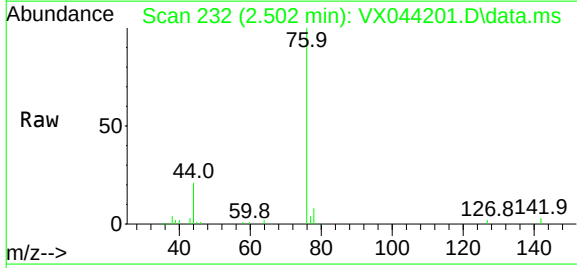
#17
Carbon Disulfide
Concen: 12.880 ug/l
RT: 2.502 min Scan# 231
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 76 Resp: 43919
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

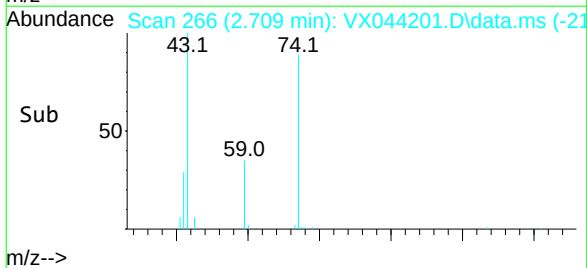
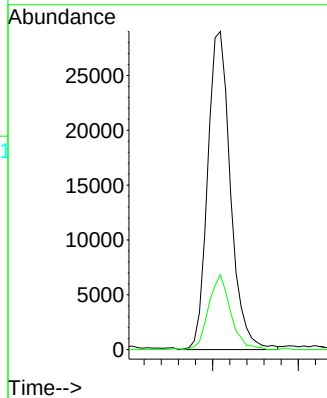
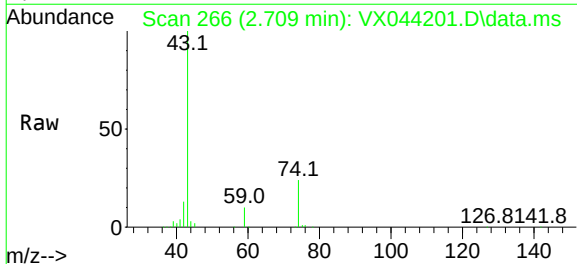
Manual Integrations
APPROVED

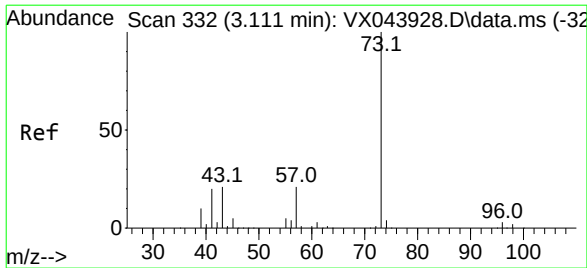
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#18
Methyl Acetate
Concen: 20.416 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 43 Resp: 53732
Ion Ratio Lower Upper
43 100
74 22.7 18.9 28.3





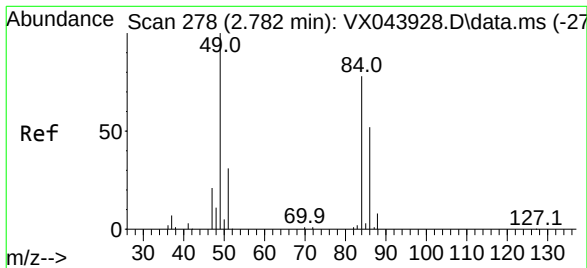
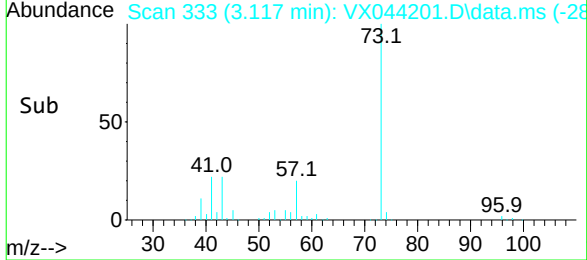
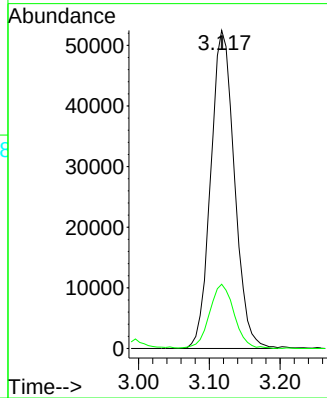
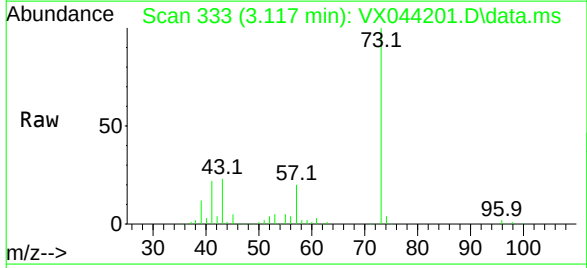
#19
Methyl tert-butyl Ether
Concen: 20.358 ug/l
RT: 3.117 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 73 Resp: 122196
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.6

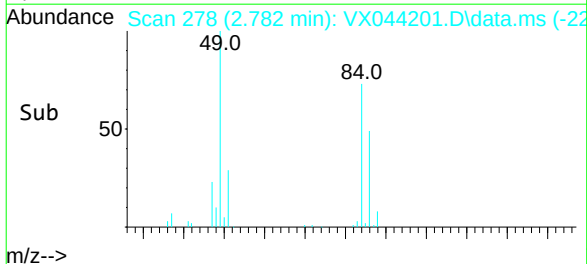
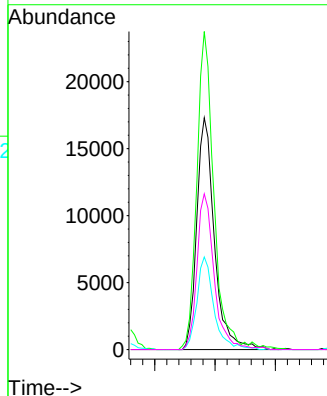
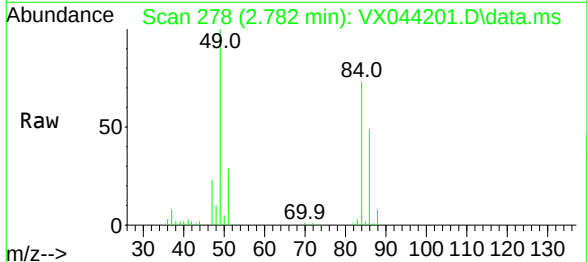
Manual Integrations
APPROVED

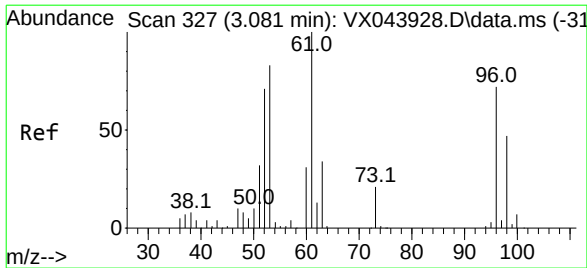
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#20
Methylene Chloride
Concen: 18.357 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

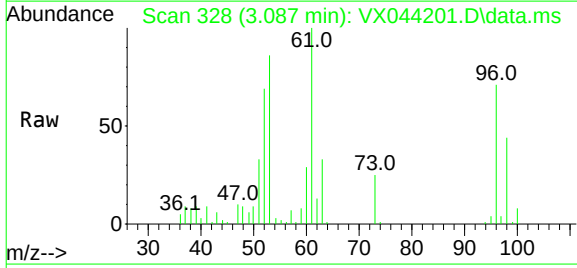
Tgt Ion: 84 Resp: 35205
Ion Ratio Lower Upper
84 100
49 137.2 102.7 154.1
51 40.0 31.7 47.5
86 67.2 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 17.600 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

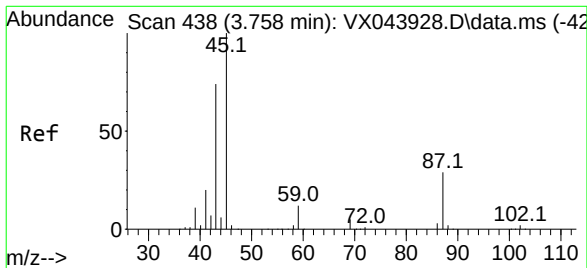
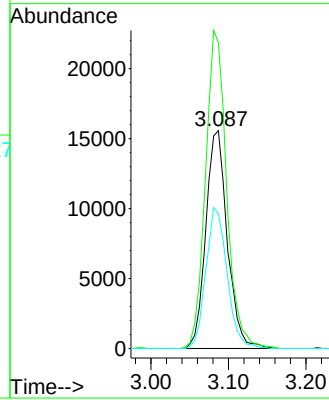
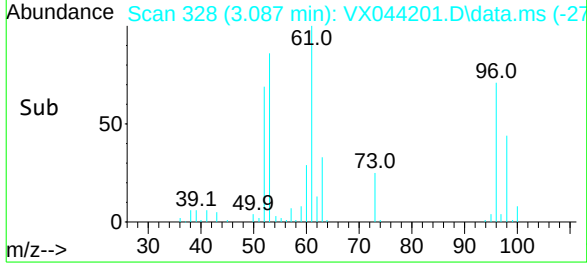
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



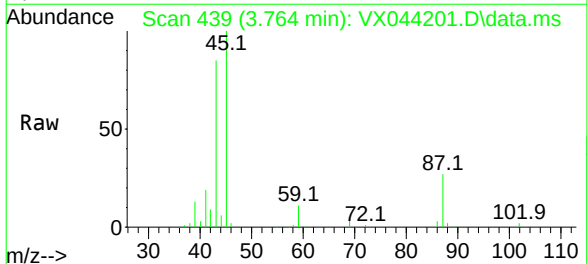
Tgt Ion: 96 Resp: 30038
Ion Ratio Lower Upper
96 100
61 140.5 111.8 167.6
98 61.9 52.7 79.1

Manual Integrations
APPROVED

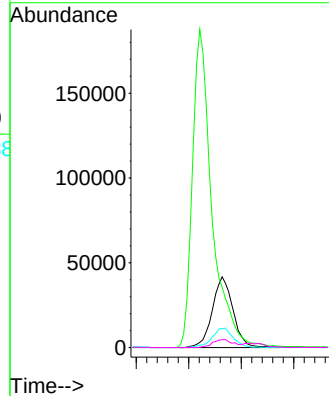
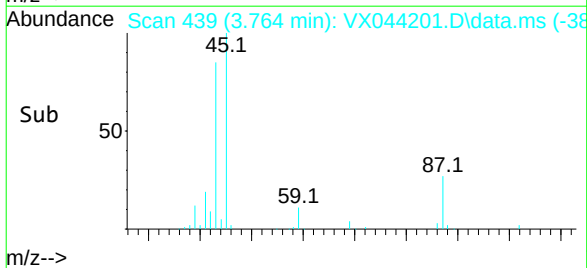
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

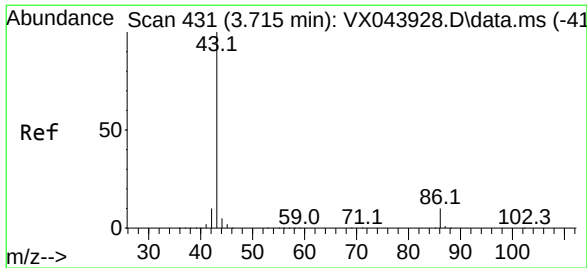


#22
Diisopropyl ether
Concen: 19.808 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22



Tgt Ion: 45 Resp: 114408
Ion Ratio Lower Upper
45 100
43 83.5 59.6 89.4
87 26.9 22.9 34.3
59 11.2 9.8 14.6





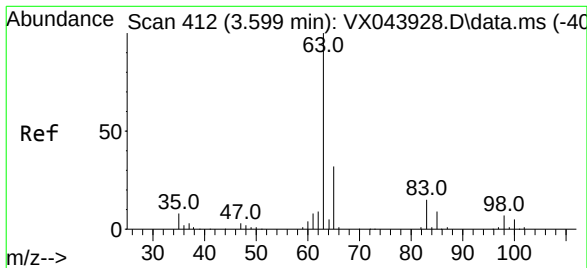
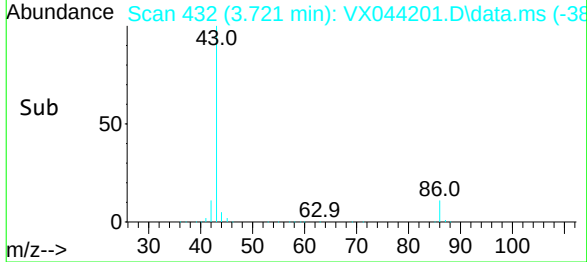
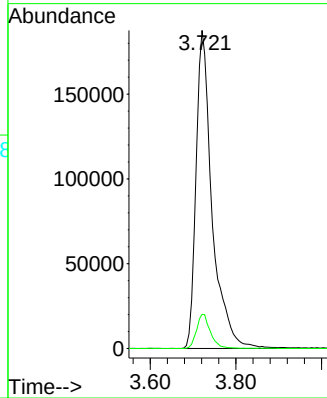
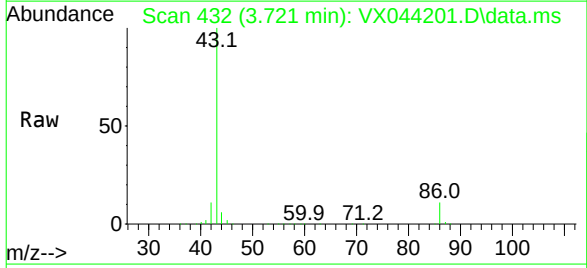
#23
 Vinyl Acetate
 Concen: 98.600 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.006 min
 Lab File: VX044201.D
 Acq: 10 Dec 2024 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tgt Ion: 43 Resp: 487174
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5

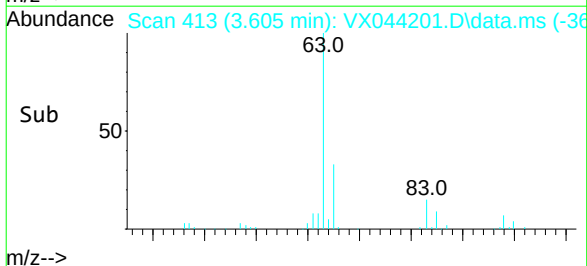
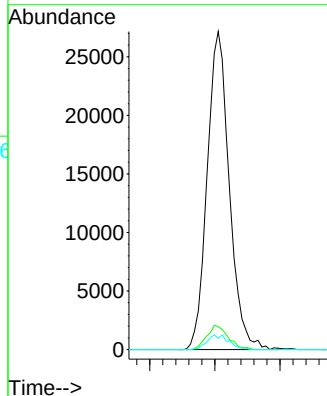
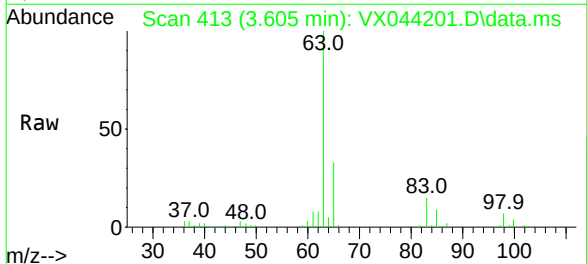
Manual Integrations
 APPROVED

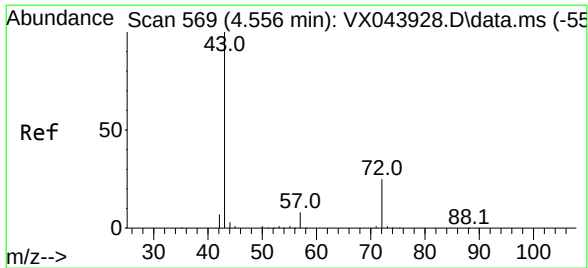
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#24
 1,1-Dichloroethane
 Concen: 19.236 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044201.D
 Acq: 10 Dec 2024 12:22

Tgt Ion: 63 Resp: 64095
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 3.6 2.4 7.1





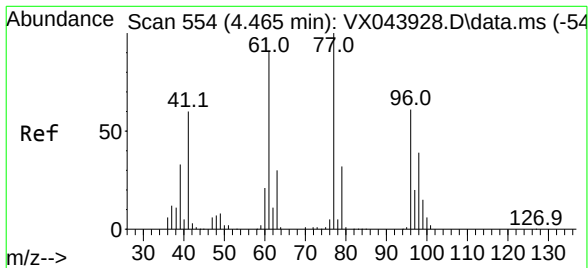
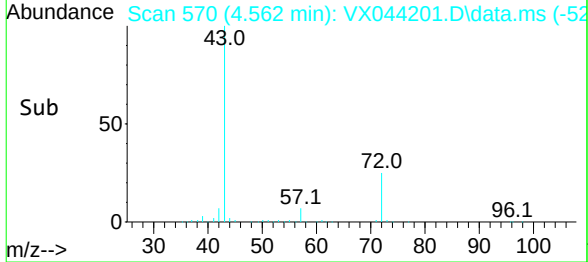
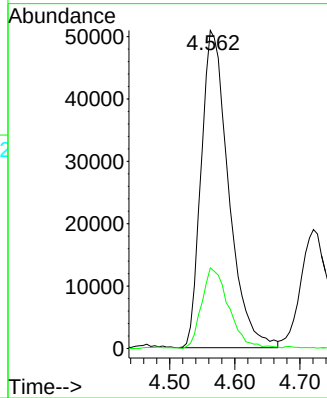
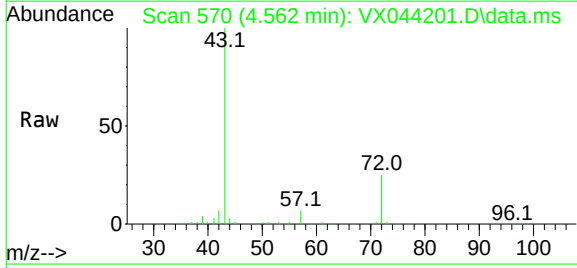
#25
2-Butanone
Concen: 102.207 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 43 Resp: 149041
Ion Ratio Lower Upper
43 100
72 25.1 20.2 30.2

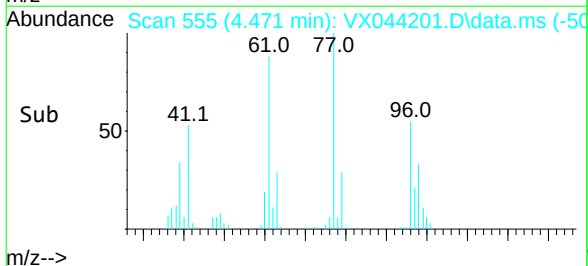
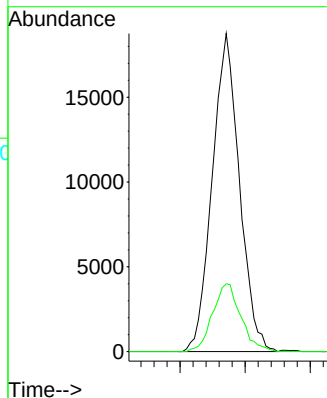
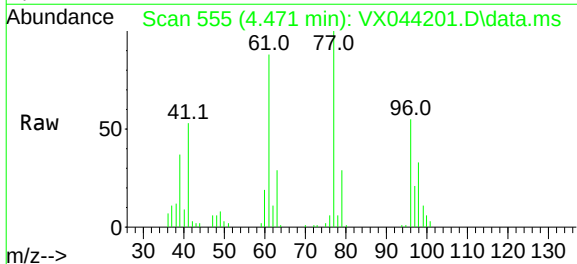
Manual Integrations
APPROVED

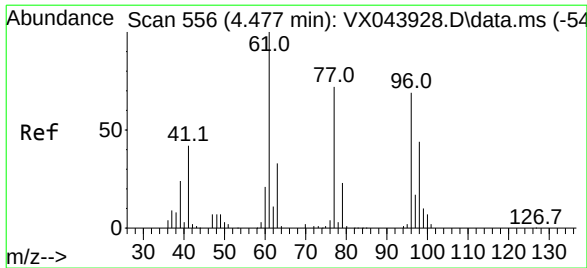
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#26
2,2-Dichloropropane
Concen: 18.070 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

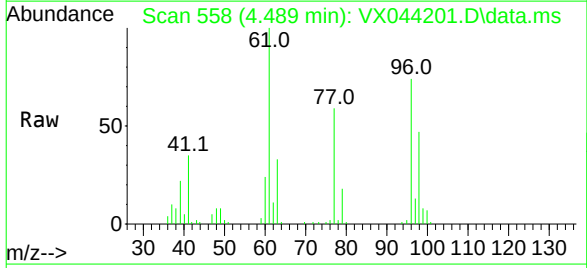
Tgt Ion: 77 Resp: 54378
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 19.176 ug/l
RT: 4.489 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

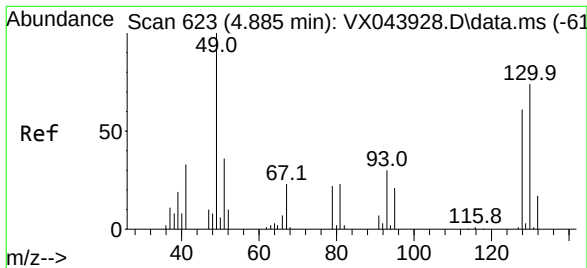
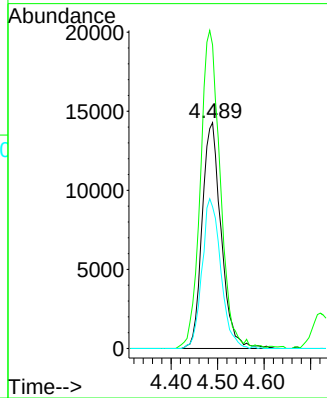
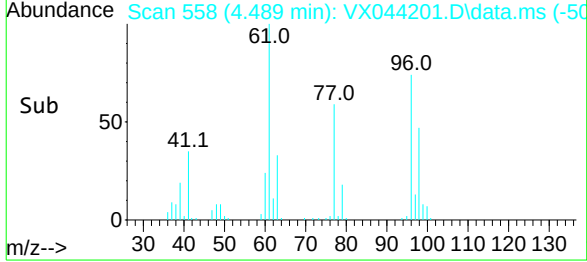
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



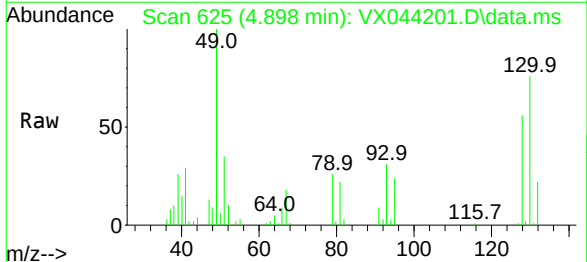
Tgt Ion: 96 Resp: 40454
Ion Ratio Lower Upper
96 100
61 147.0 0.0 297.4
98 65.4 0.0 127.8

Manual Integrations
APPROVED

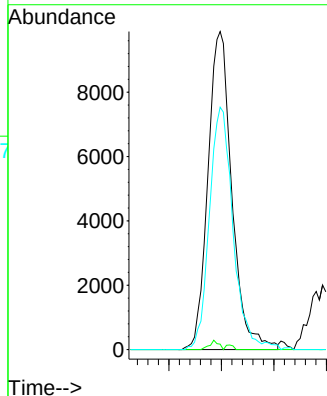
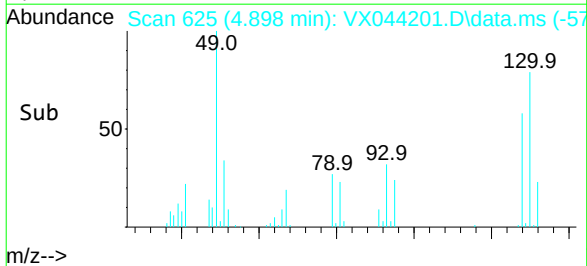
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

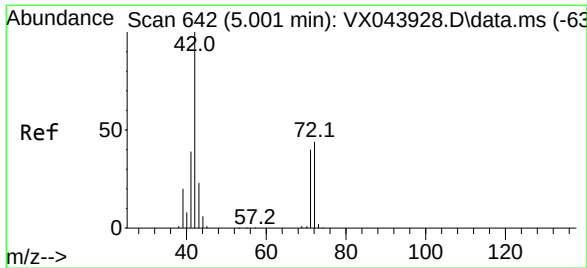


#28
Bromochloromethane
Concen: 21.326 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22



Tgt Ion: 49 Resp: 31279
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 75.6 59.0 88.6





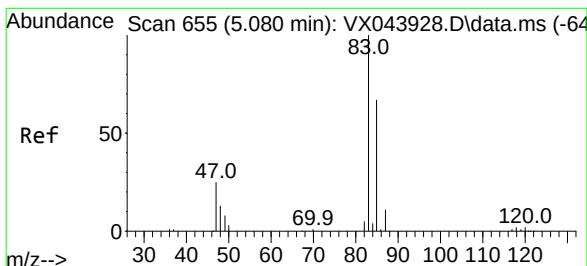
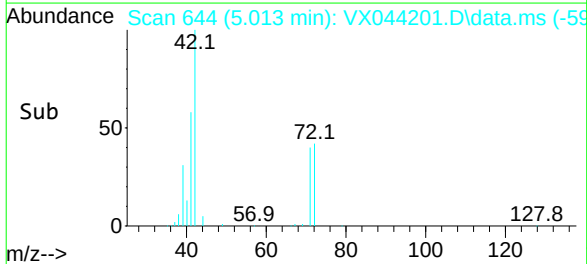
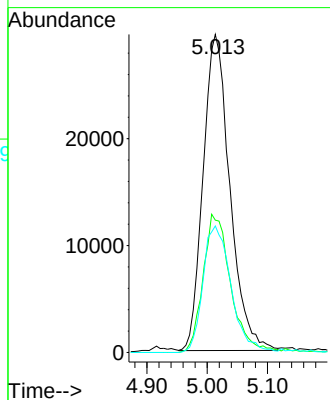
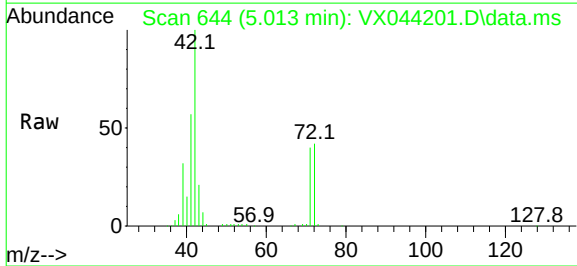
#29
Tetrahydrofuran
Concen: 102.121 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 42 Resp: 91295
Ion Ratio Lower Upper
42 100
72 44.9 36.4 54.6
71 42.0 33.4 50.0

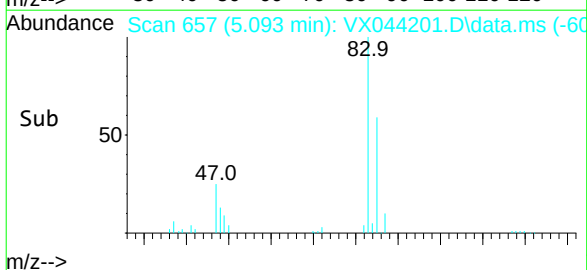
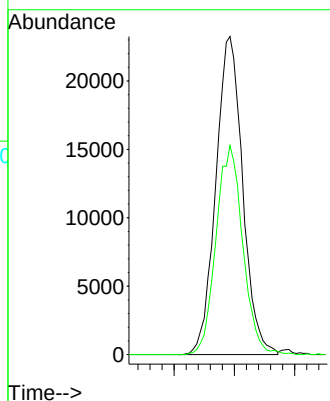
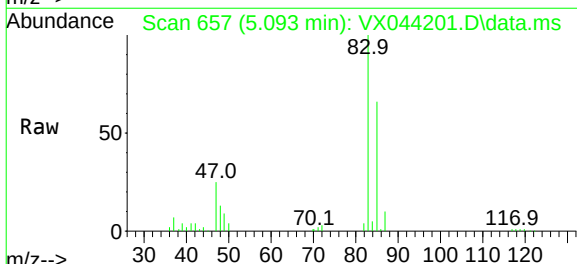
Manual Integrations
APPROVED

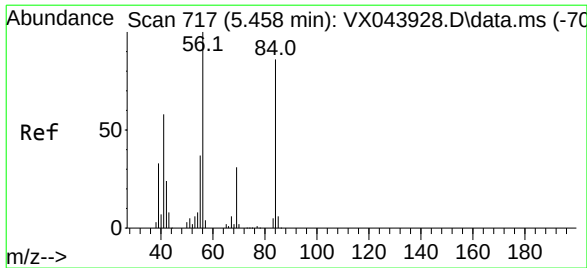
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#30
Chloroform
Concen: 20.063 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 83 Resp: 71902
Ion Ratio Lower Upper
83 100
85 65.7 53.5 80.3





#31

Cyclohexane

Concen: 17.680 ug/l

RT: 5.465 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX044201.D

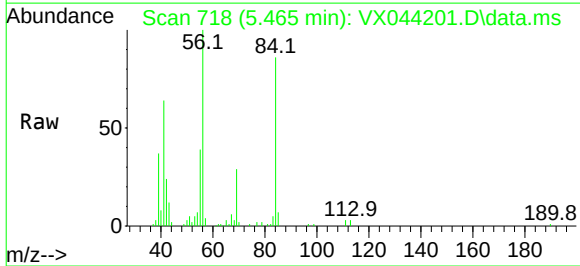
Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01



Tgt Ion: 56 Resp: 48485

Ion Ratio Lower Upper

56 100

69 28.9 24.7 37.1

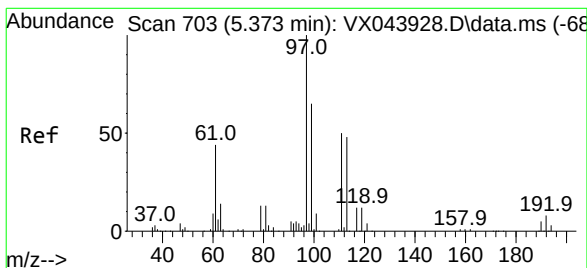
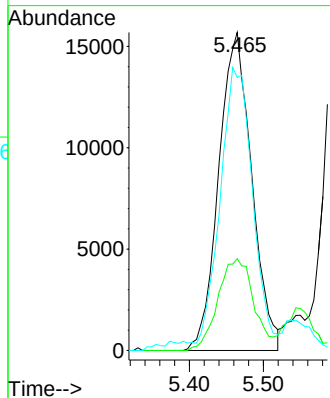
84 83.6 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#32

1,1,1-Trichloroethane

Concen: 20.229 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

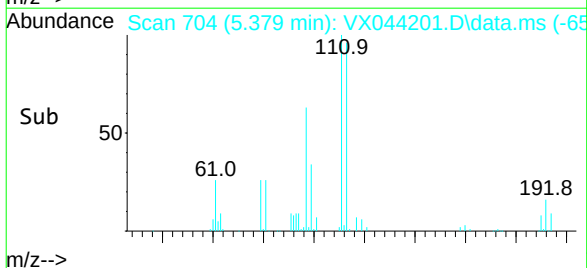
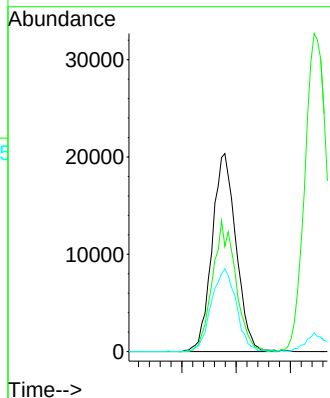
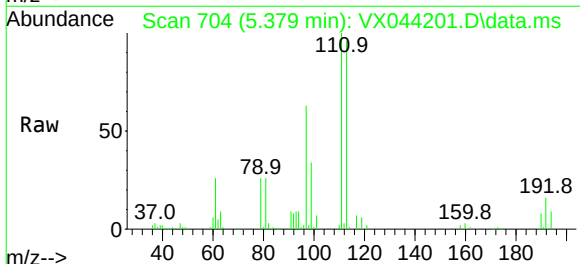
Tgt Ion: 97 Resp: 62516

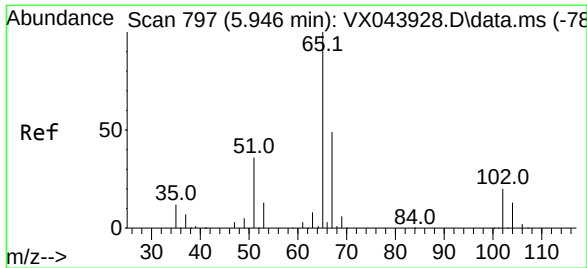
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 43.3 35.4 53.2





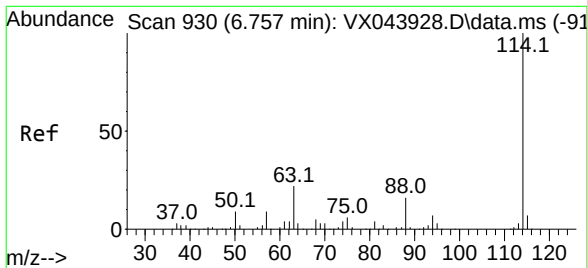
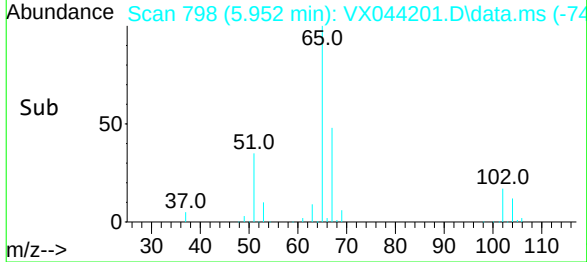
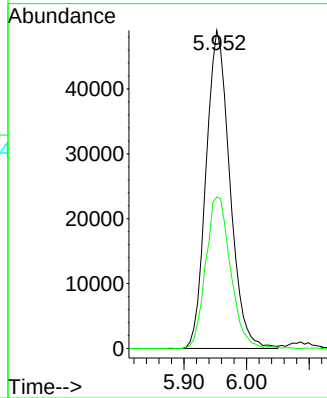
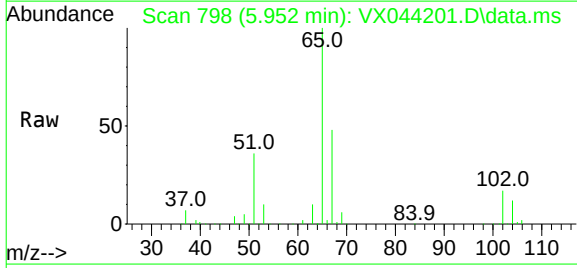
#33
1,2-Dichloroethane-d4
Concen: 52.573 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 65 Resp: 129362
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

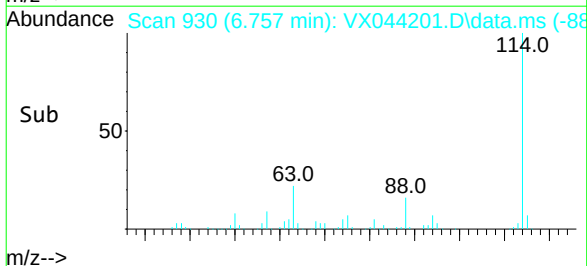
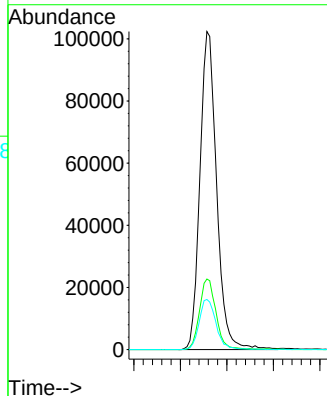
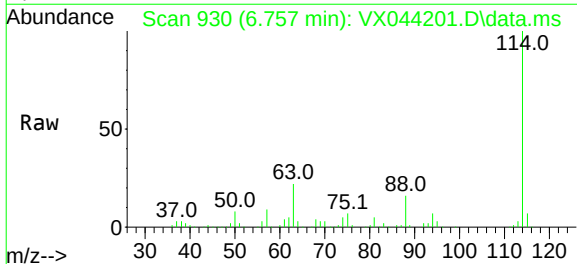
Manual Integrations
APPROVED

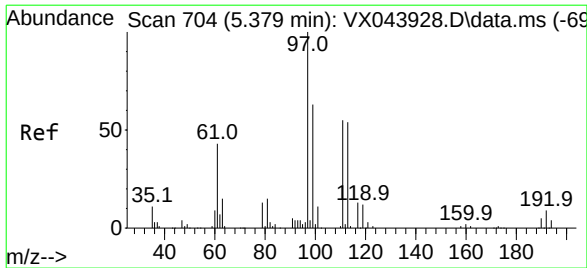
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

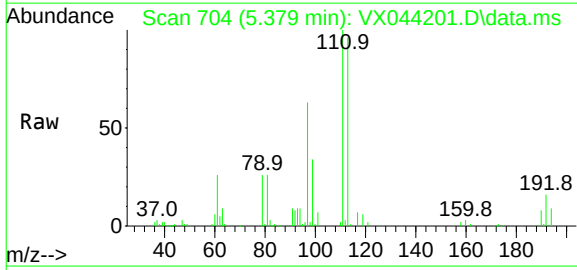
Tgt Ion:114 Resp: 255477
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 15.8 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.900 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

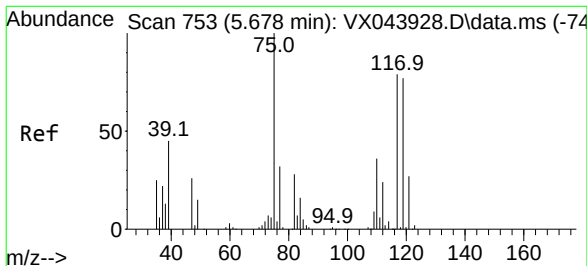
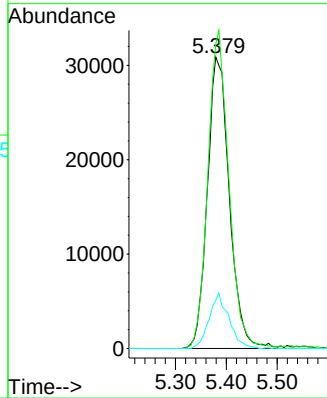
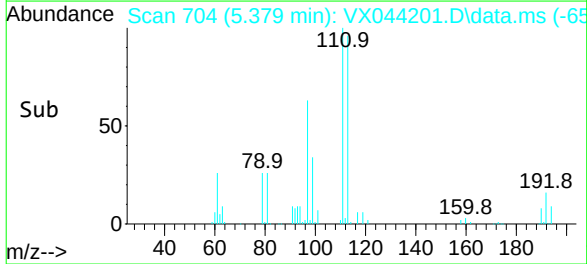
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



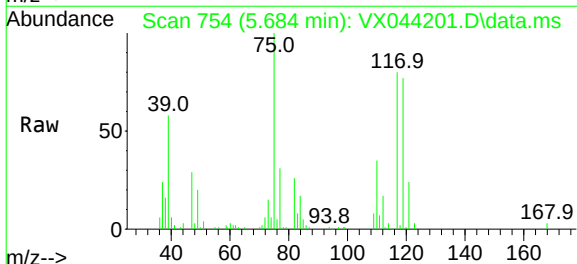
Tgt Ion: 113 Resp: 92918
Ion Ratio Lower Upper
113 100
111 104.4 81.0 121.4
192 17.1 13.0 19.6

Manual Integrations
APPROVED

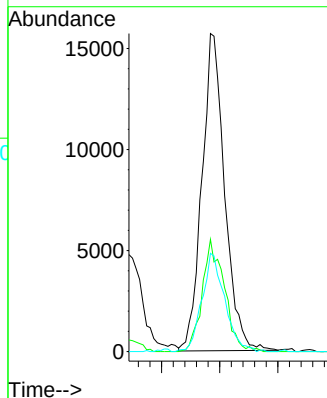
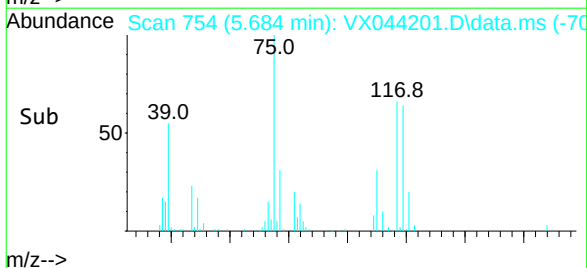
Reviewed By : John Carlone 12/11/2024
Supervised By : Mahesh Dadoda 12/11/2024

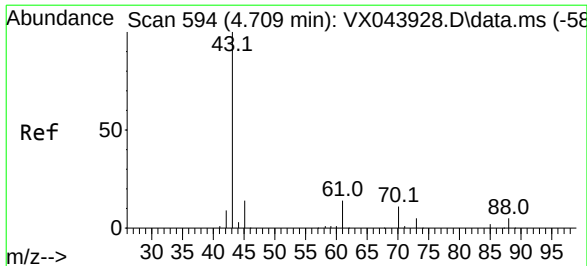


#36
1,1-Dichloropropene
Concen: 18.774 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22



Tgt Ion: 75 Resp: 42707
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.2
77 31.0 25.8 38.8





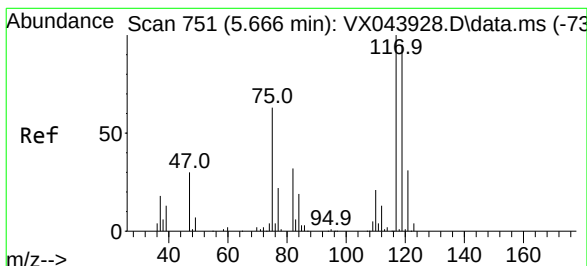
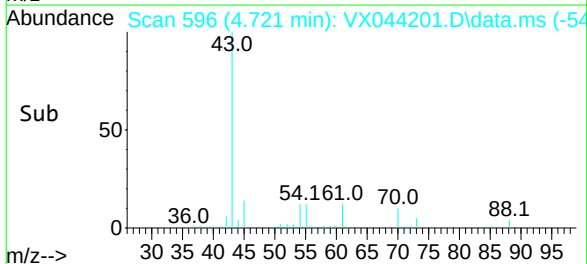
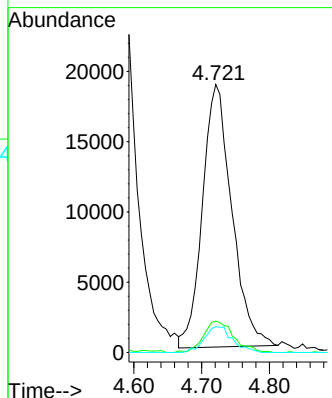
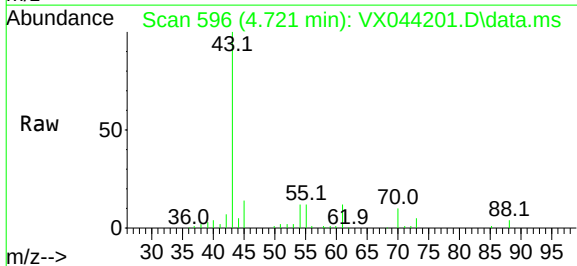
#37
Ethyl Acetate
Concen: 19.911 ug/l
RT: 4.721 min Scan# 594
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion:	43	Resp:	56223
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.7	16.1
70	9.4	8.0	12.0

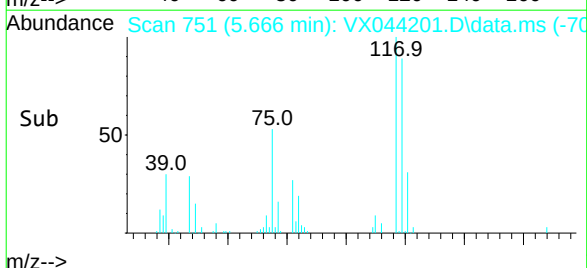
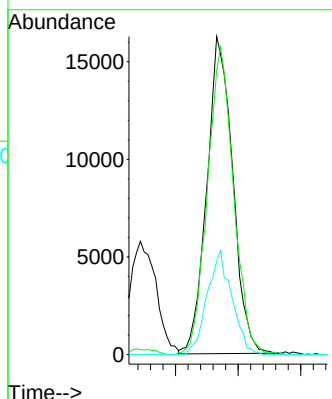
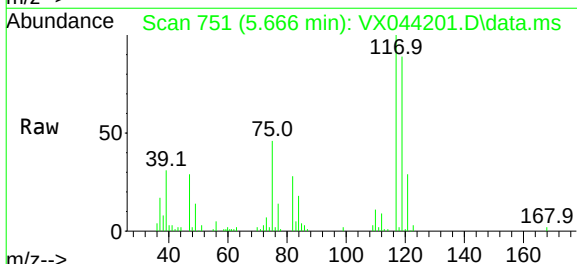
Manual Integrations
APPROVED

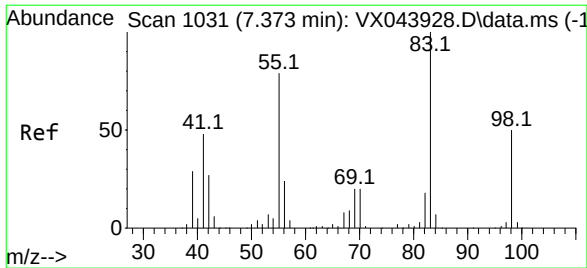
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#38
Carbon Tetrachloride
Concen: 18.283 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

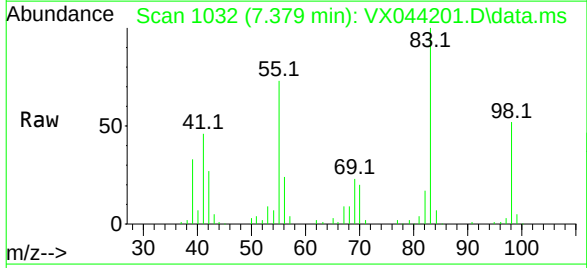
Tgt Ion:	117	Resp:	46733
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.2	112.8
121	29.5	24.5	36.7





#39
Methylcyclohexane
Concen: 16.811 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

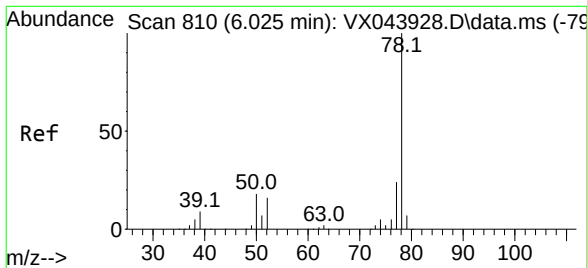
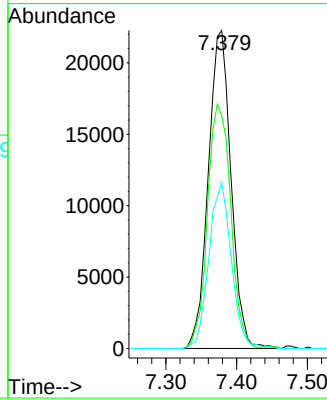
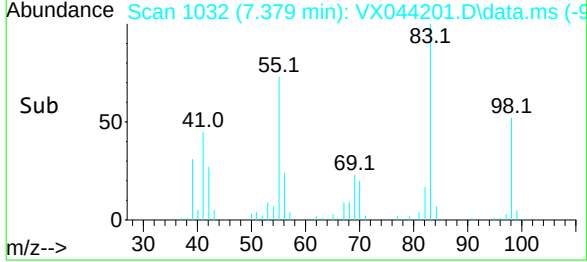
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion: 83 Resp: 49682
Ion Ratio Lower Upper
83 100
55 73.2 63.1 94.7
98 52.1 40.0 60.0

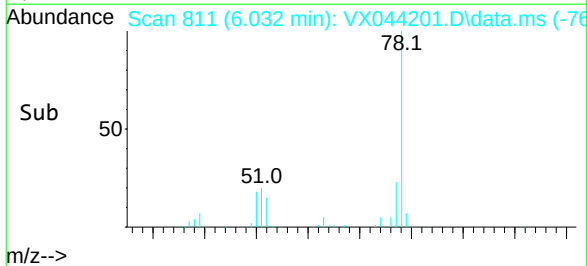
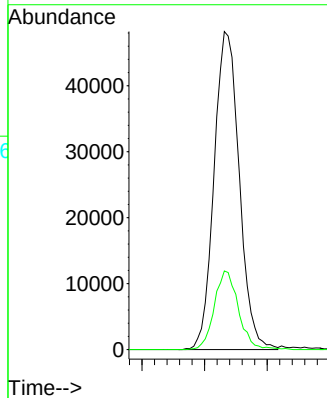
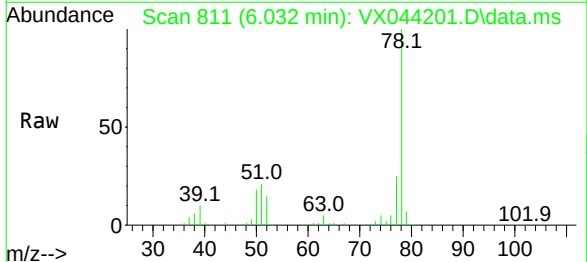
Manual Integrations
APPROVED

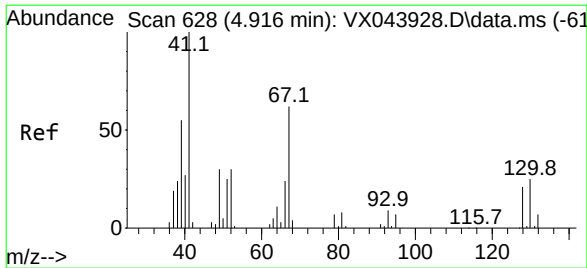
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#40
Benzene
Concen: 19.024 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 78 Resp: 134799
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8





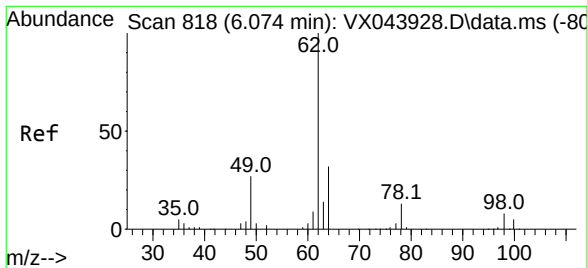
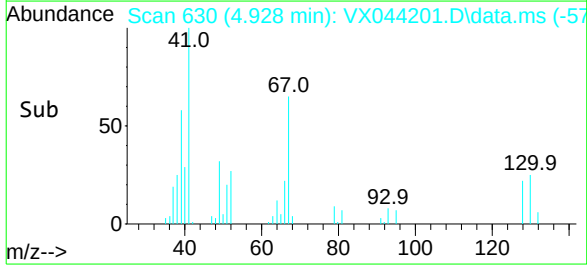
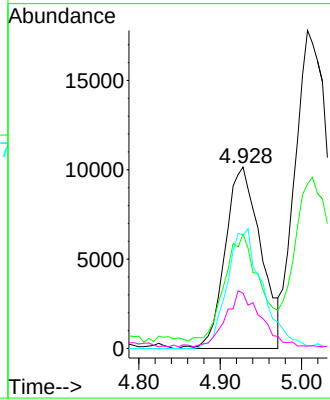
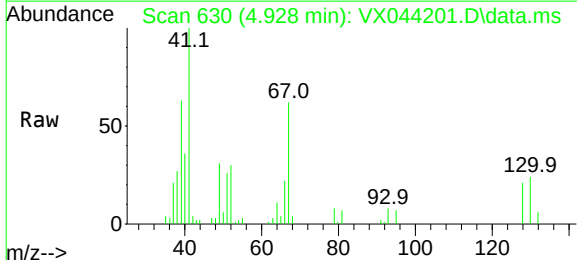
#41
Methacrylonitrile
Concen: 21.331 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion:	41	Resp:	30829
Ion	Ratio	Lower	Upper
41	100		
39	58.6	41.7	62.5
67	66.2	55.8	83.8
52	30.2	24.0	36.0

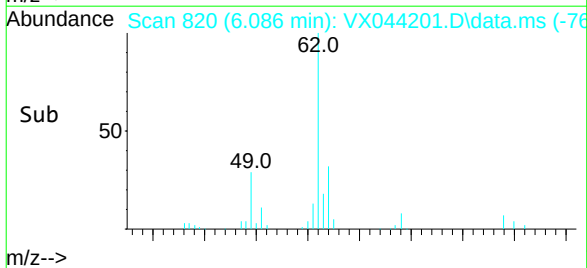
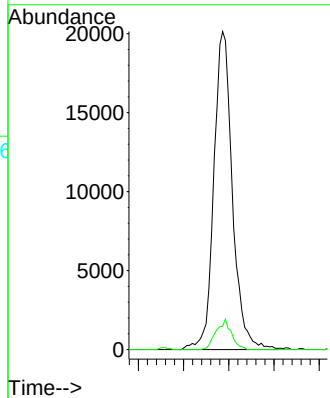
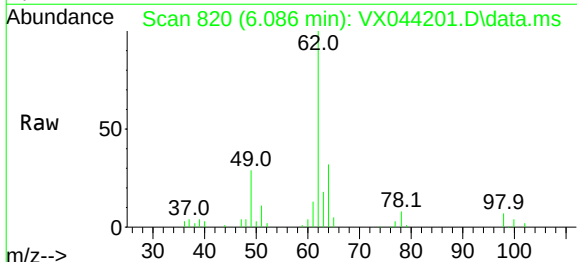
Manual Integrations
APPROVED

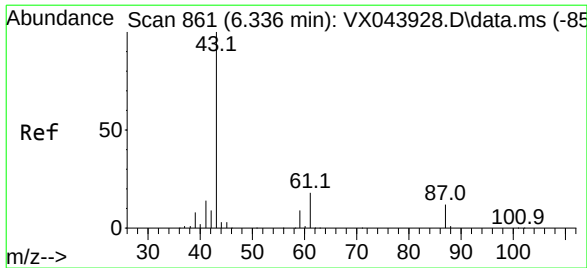
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#42
1,2-Dichloroethane
Concen: 20.207 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion:	62	Resp:	57506
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.4





#43

Isopropyl Acetate

Concen: 20.496 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

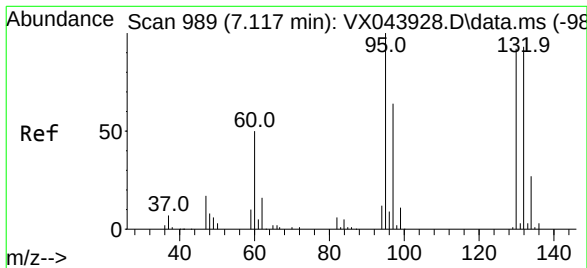
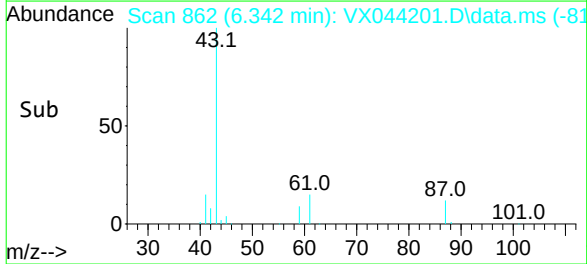
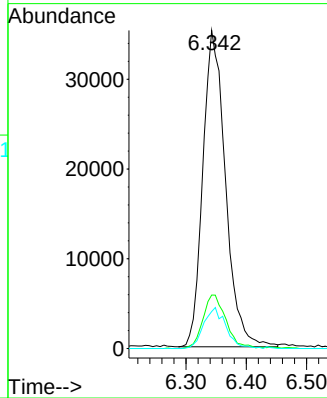
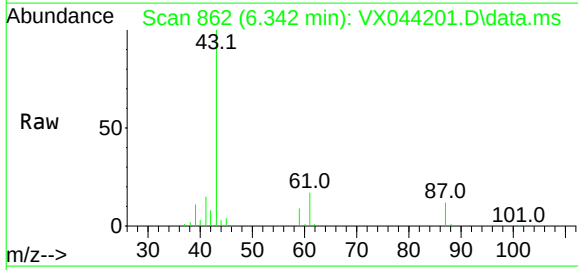
Tgt Ion:	43	Resp:	92107
Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.5	21.7
87	12.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#44

Trichloroethene

Concen: 16.377 ug/l

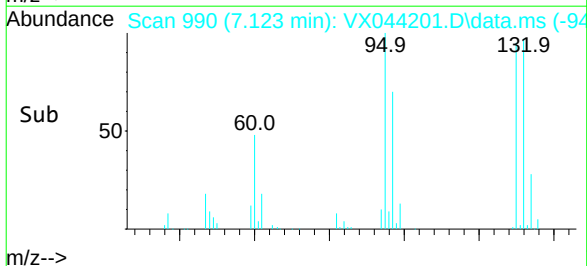
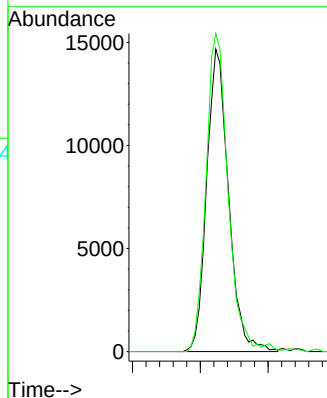
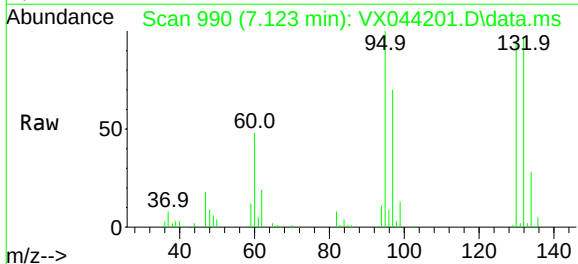
RT: 7.123 min Scan# 990

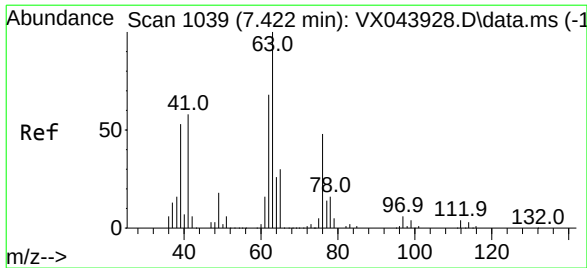
Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

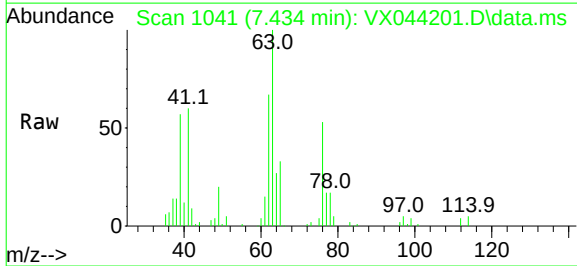
Tgt Ion:	130	Resp:	32850
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	217.8





#45
1,2-Dichloropropane
Concen: 19.687 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

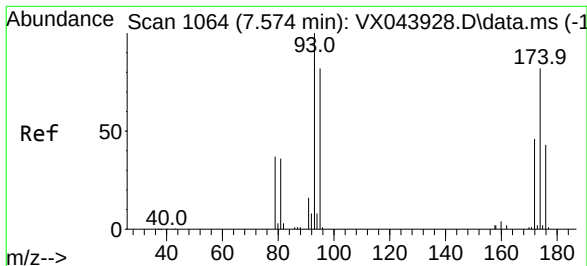
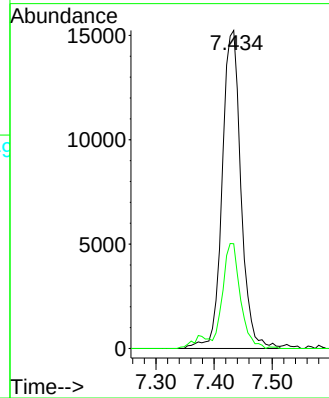
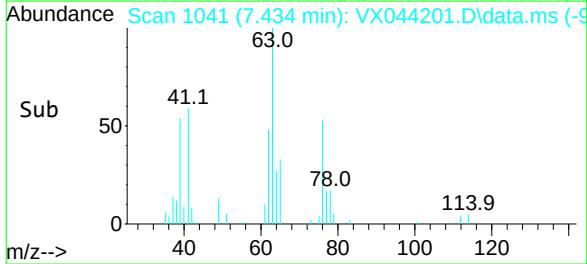
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion: 63 Resp: 34167
Ion Ratio Lower Upper
63 100
65 32.9 23.8 35.6

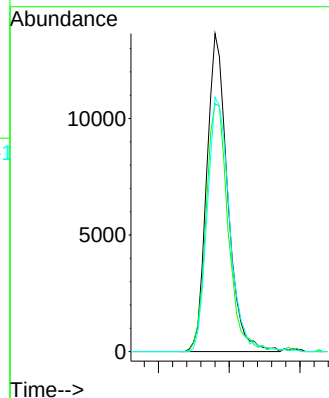
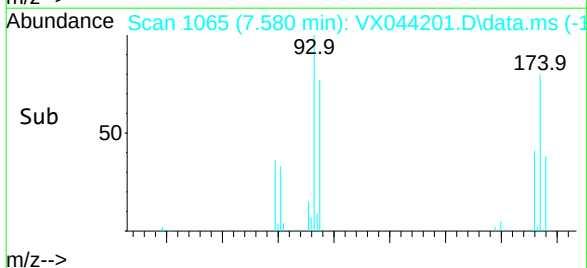
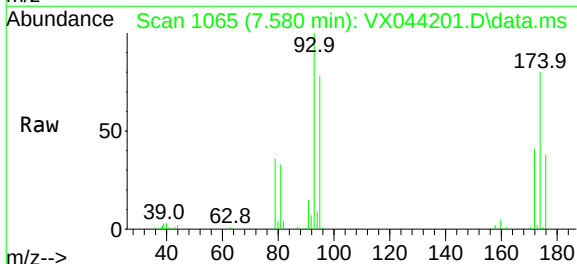
Manual Integrations
APPROVED

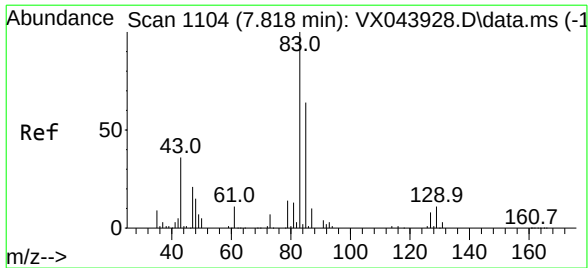
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#46
Dibromomethane
Concen: 20.310 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 93 Resp: 27883
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.4
174 85.7 69.6 104.4





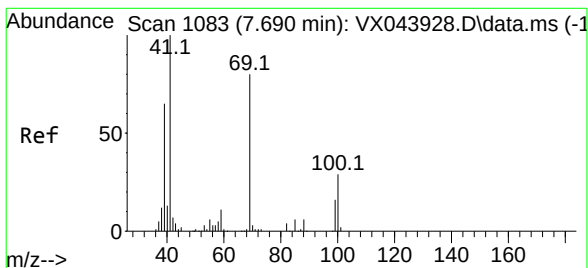
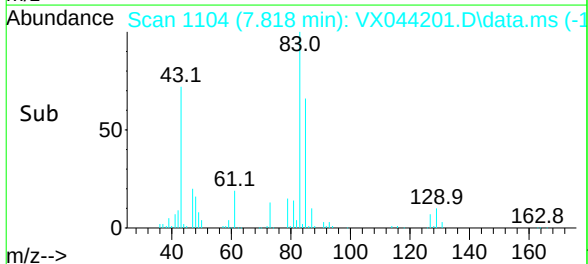
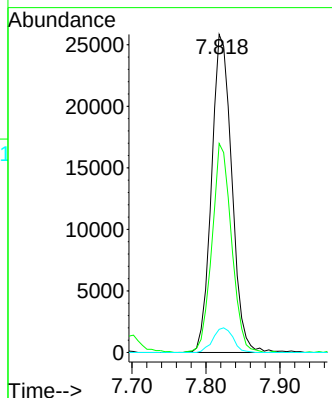
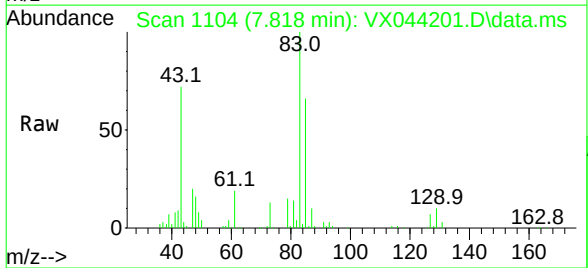
#47
Bromodichloromethane
Concen: 19.988 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 83	Resp: 49215
Ion Ratio	Lower Upper
83 100	
85 65.7	51.4 77.0
127 7.3	6.6 10.0

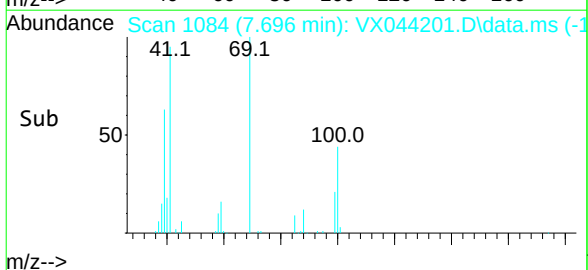
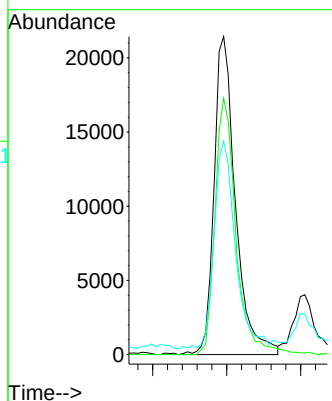
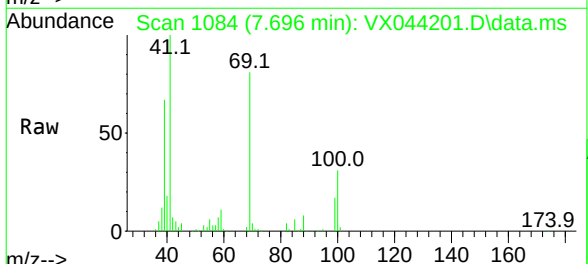
Manual Integrations
APPROVED

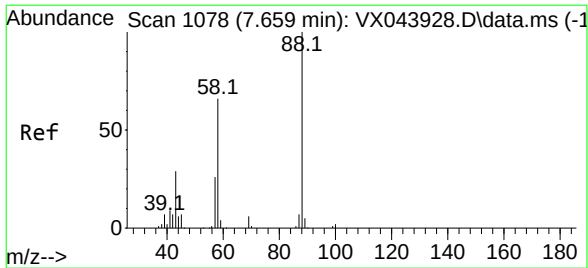
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#48
Methyl methacrylate
Concen: 19.951 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

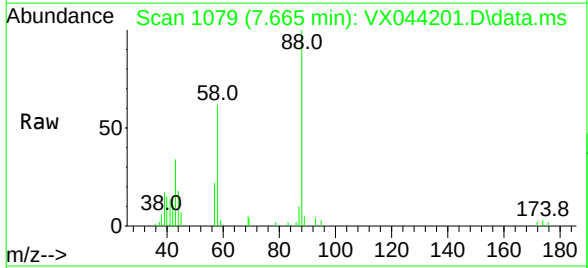
Tgt Ion: 41	Resp: 43021
Ion Ratio	Lower Upper
41 100	
69 79.4	64.6 97.0
39 66.2	53.3 79.9





#49
1,4-Dioxane
Concen: 256.541 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

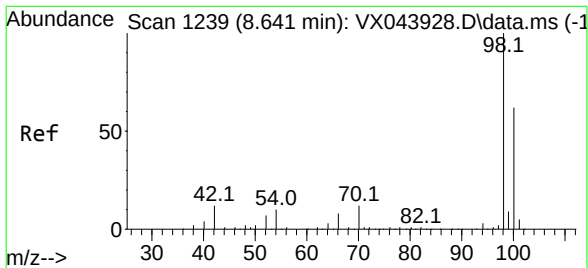
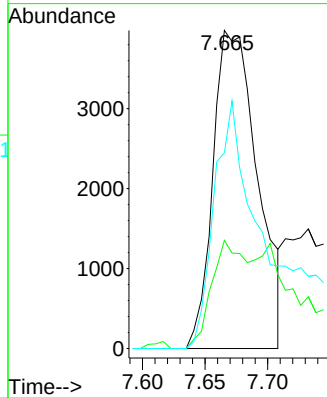
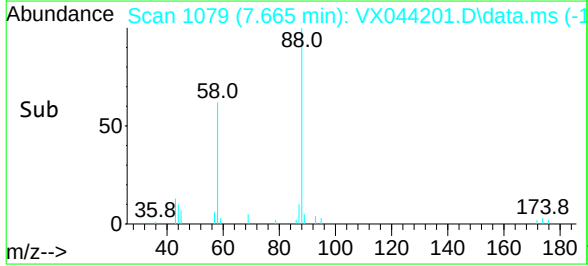
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion: 88 Resp: 9854
Ion Ratio Lower Upper
88 100
43 25.5 26.8 40.2#
58 123.7 45.4 68.2#

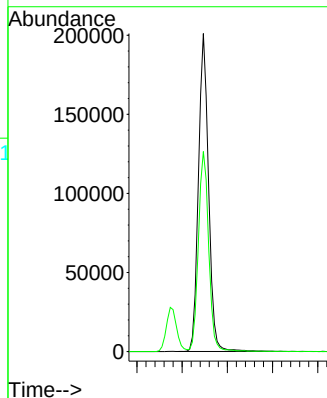
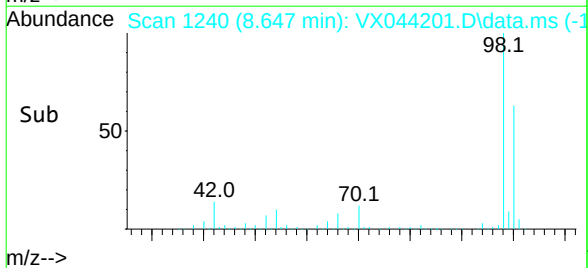
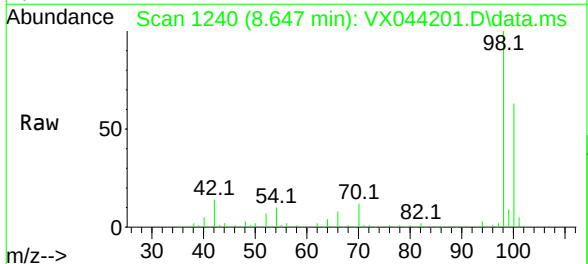
Manual Integrations
APPROVED

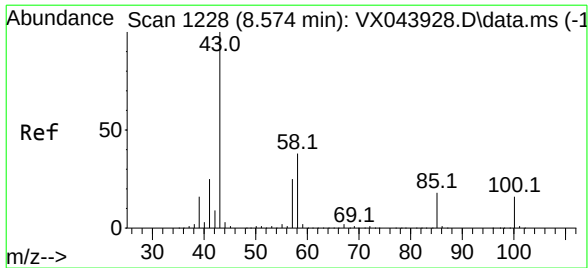
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#50
Toluene-d8
Concen: 49.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 98 Resp: 311978
Ion Ratio Lower Upper
98 100
100 64.0 52.6 79.0





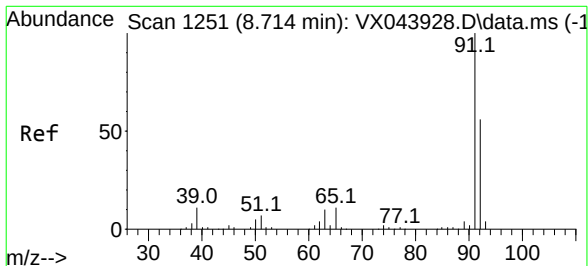
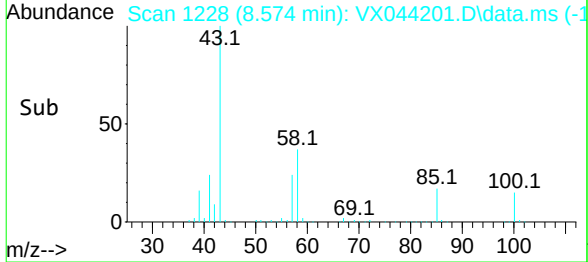
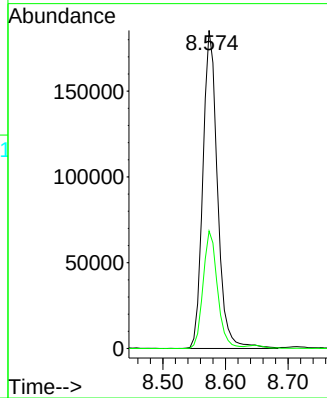
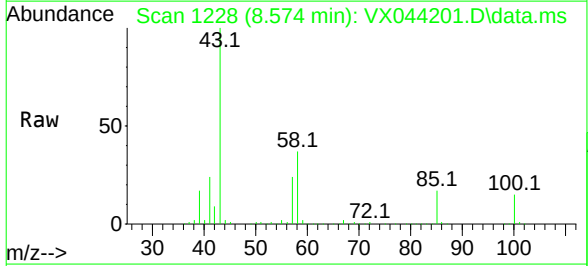
#51
4-Methyl-2-Pentanone
Concen: 110.009 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 43 Resp: 301689
Ion Ratio Lower Upper
43 100
58 36.3 30.0 45.0

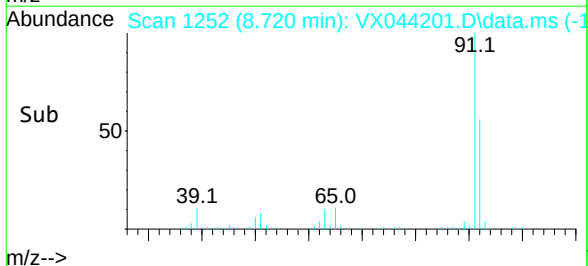
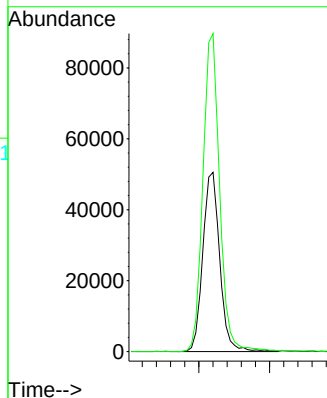
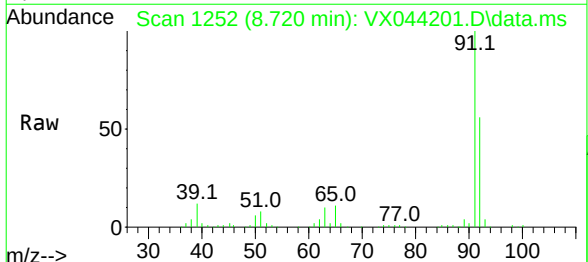
Manual Integrations
APPROVED

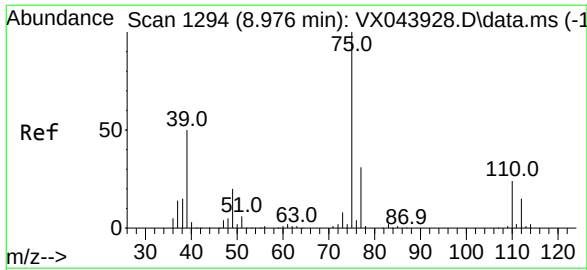
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#52
Toluene
Concen: 19.858 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

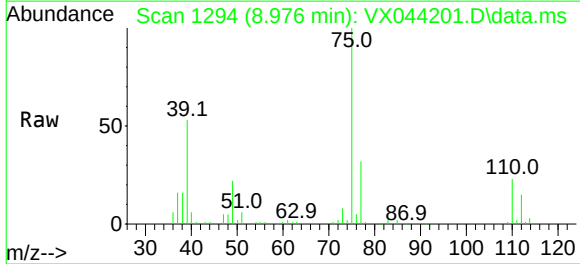
Tgt Ion: 92 Resp: 84219
Ion Ratio Lower Upper
92 100
91 175.5 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 18.833 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

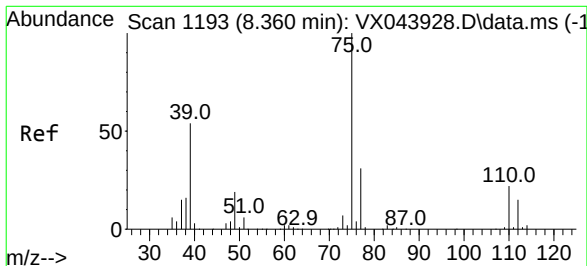
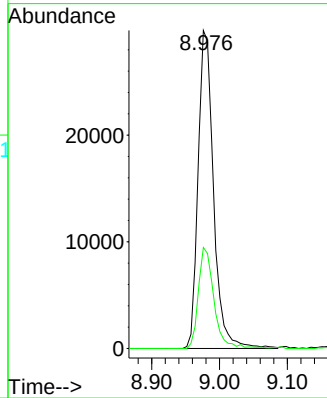
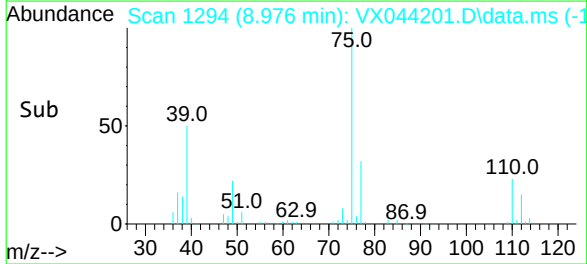
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



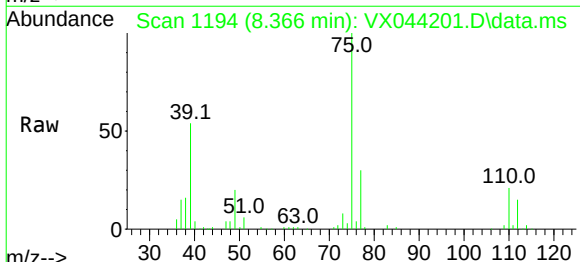
Tgt Ion: 75 Resp: 47285
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7

Manual Integrations
APPROVED

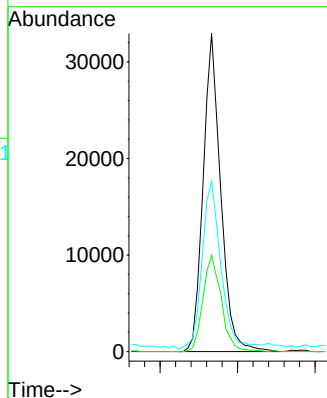
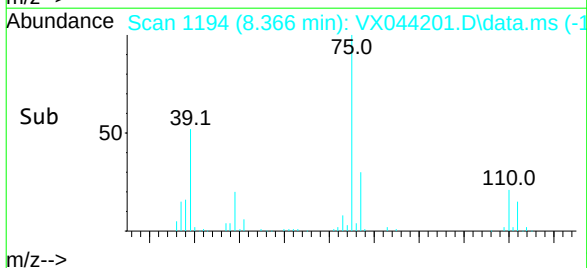
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

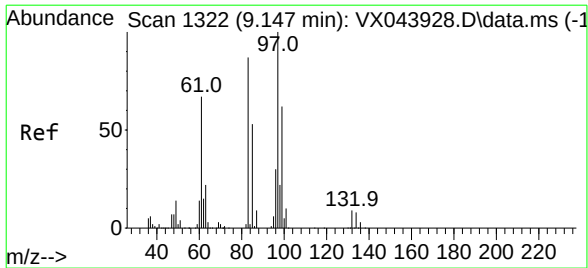


#54
cis-1,3-Dichloropropene
Concen: 18.834 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22



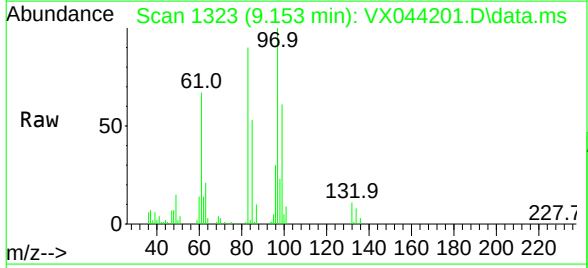
Tgt Ion: 75 Resp: 51841
Ion Ratio Lower Upper
75 100
77 30.2 25.2 37.8
39 52.8 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 20.164 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

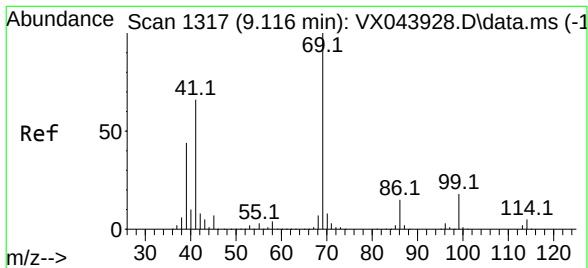
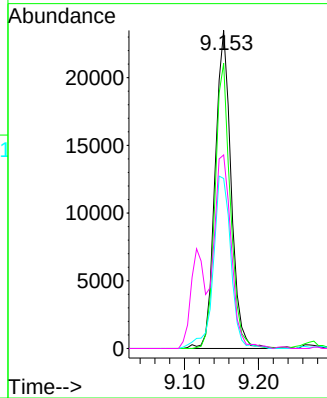
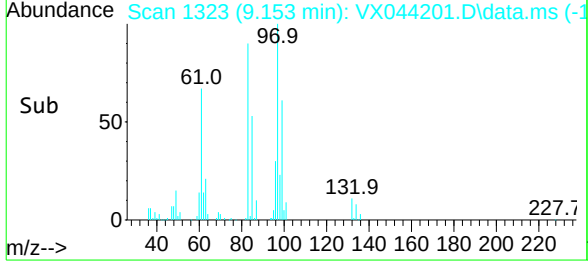
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



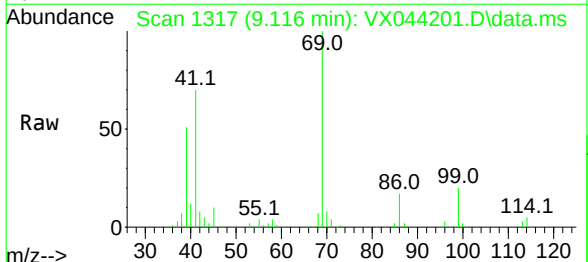
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.4	104.0
85	53.5	42.3	63.5
99	60.8	49.6	74.4

Manual Integrations
APPROVED

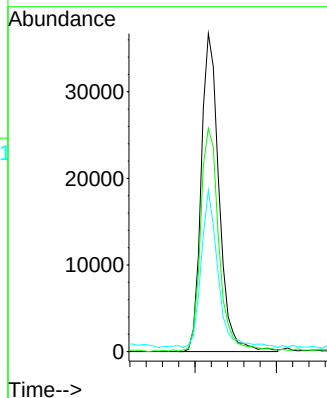
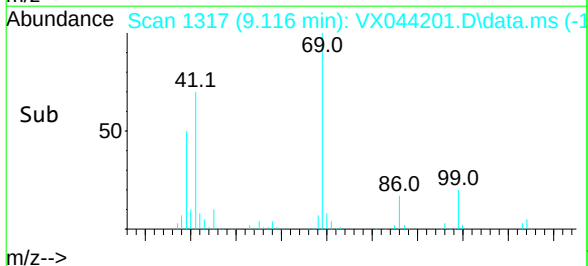
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

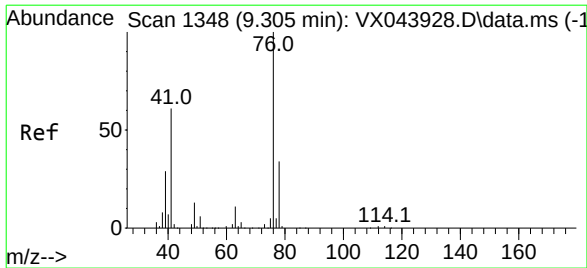


#56
Ethyl methacrylate
Concen: 20.483 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.7	55.8	83.8
39	46.7	36.7	55.1





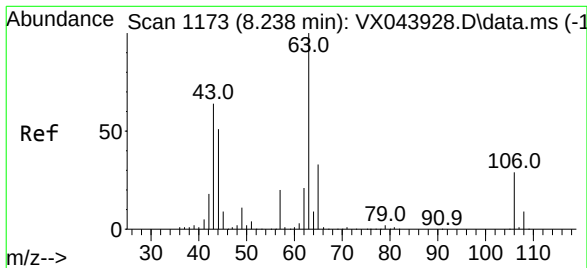
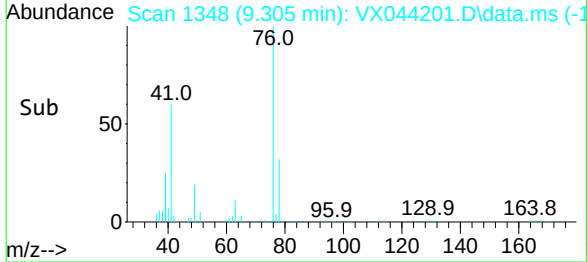
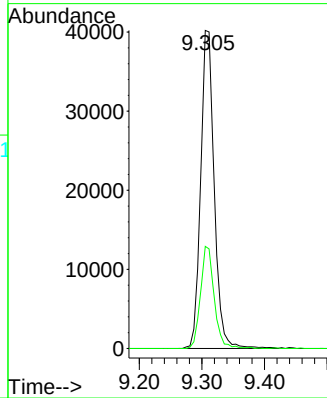
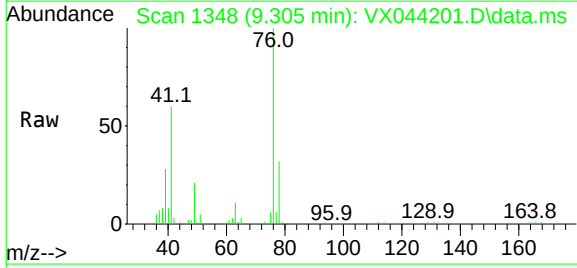
#57
1,3-Dichloropropane
Concen: 20.545 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 76 Resp: 60589
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

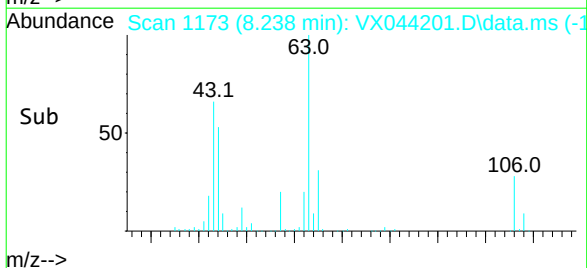
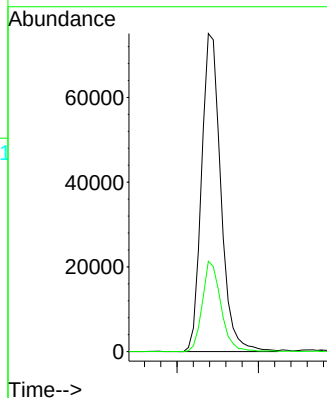
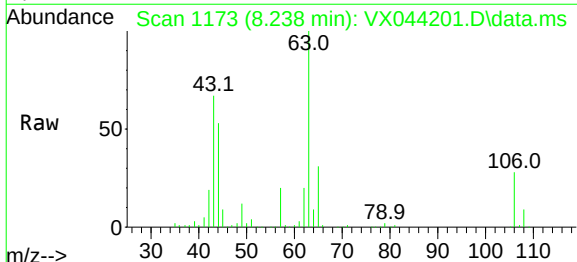
Manual Integrations
APPROVED

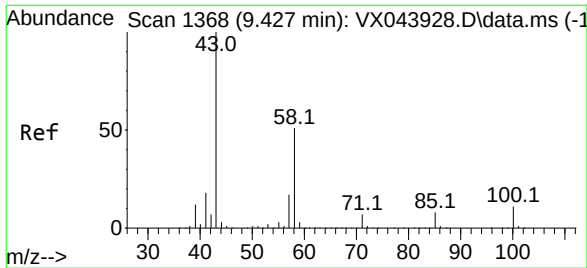
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 82.064 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

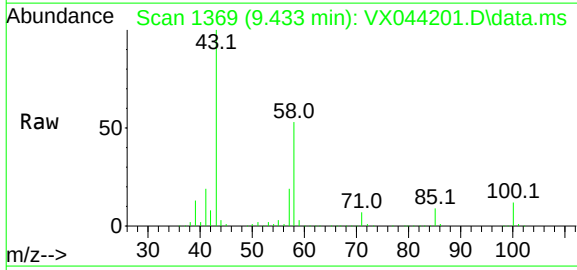
Tgt Ion: 63 Resp: 123591
Ion Ratio Lower Upper
63 100
106 27.3 23.0 34.6





#59
2-Hexanone
Concen: 107.484 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

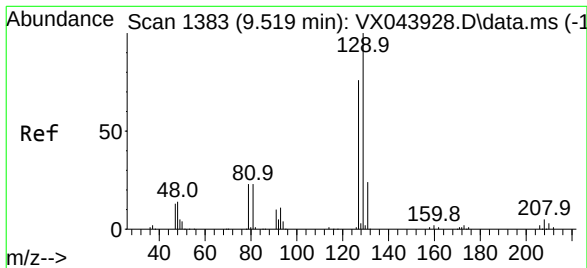
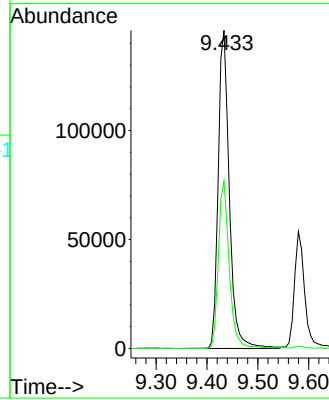
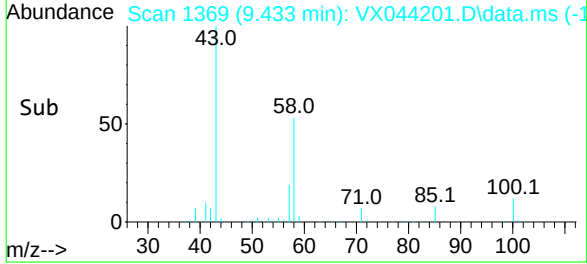
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion: 43 Resp: 221552
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.6

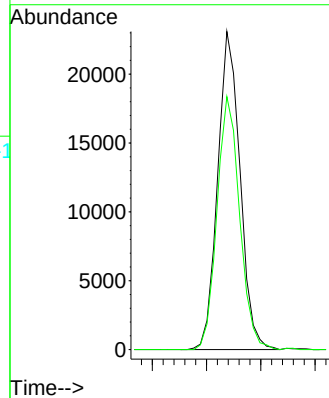
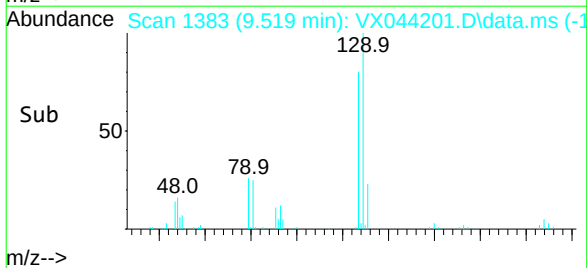
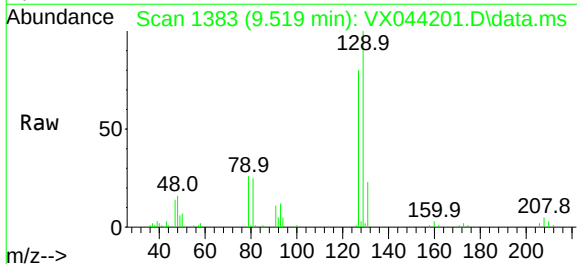
Manual Integrations
APPROVED

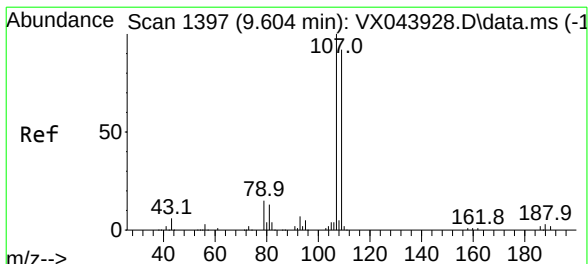
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#60
Dibromochloromethane
Concen: 18.791 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion:129 Resp: 33007
Ion Ratio Lower Upper
129 100
127 80.5 38.2 114.6





#61
 1,2-Dibromoethane
 Concen: 20.583 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.006 min
 Lab File: VX044201.D
 Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

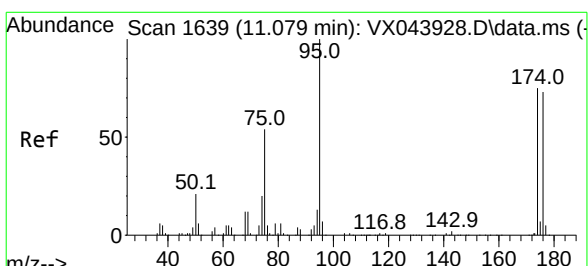
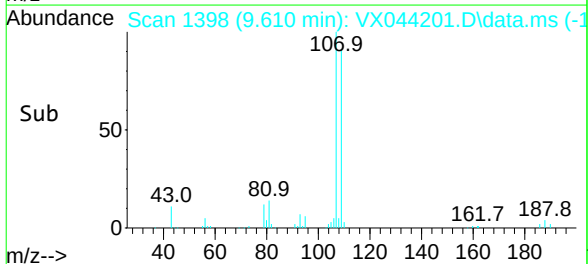
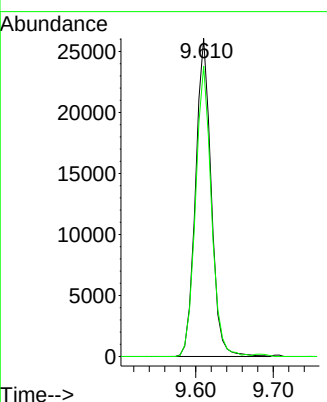
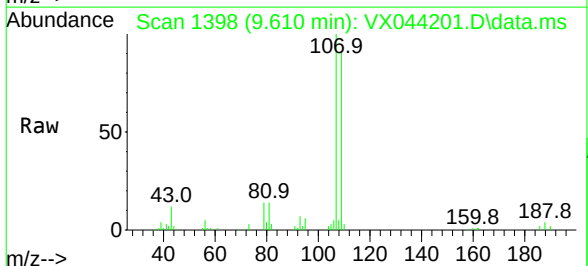
ClientSampleId :

VX1210WBS01

Tgt Ion: 107 Resp: 36436
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.2 112.8

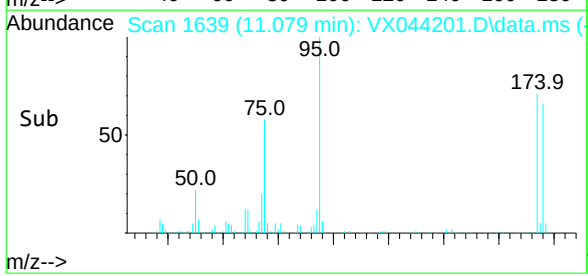
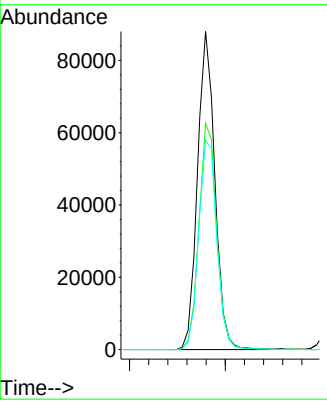
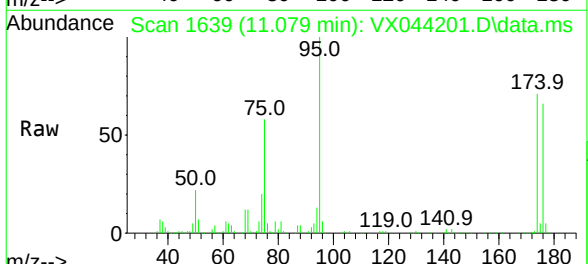
Manual Integrations
 APPROVED

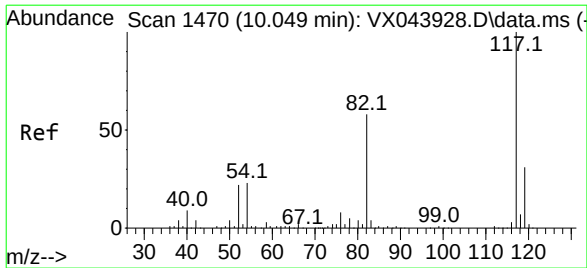
Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024



#62
 4-Bromofluorobenzene
 Concen: 51.736 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX044201.D
 Acq: 10 Dec 2024 12:22

Tgt Ion: 95 Resp: 110798
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 150.4
 176 68.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

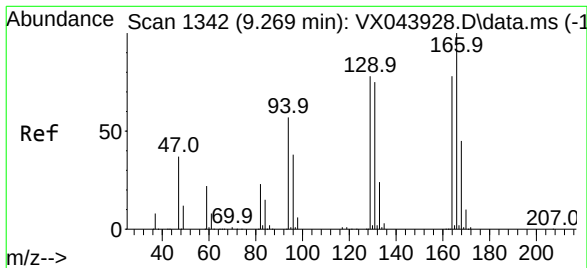
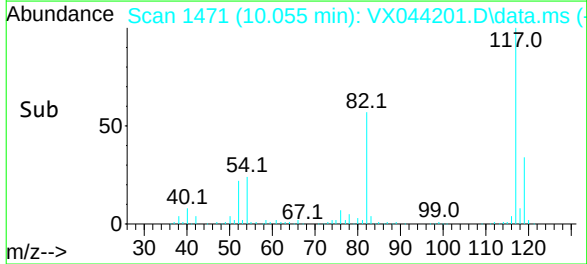
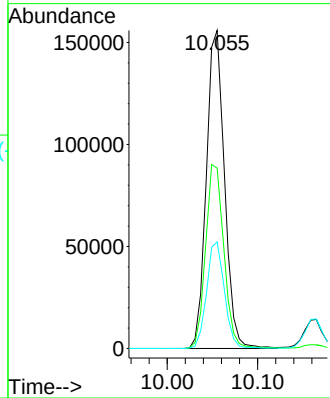
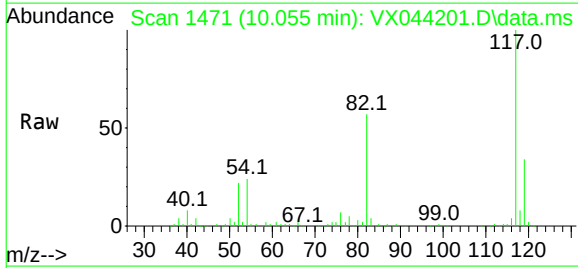
Tgt Ion:	117	Resp:	217630
Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.4	69.6
119	33.5	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#64

Tetrachloroethene

Concen: 19.902 ug/l

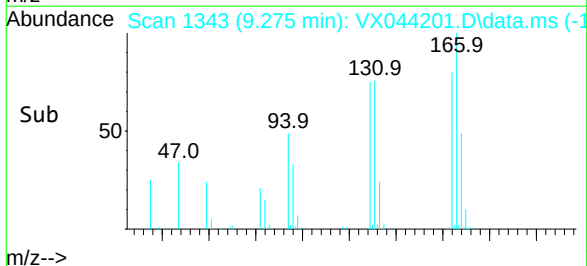
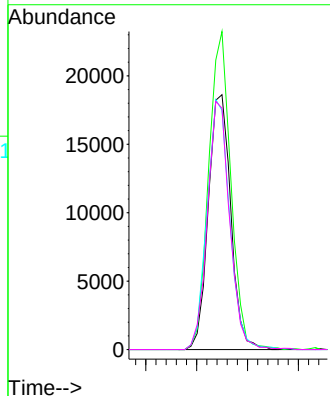
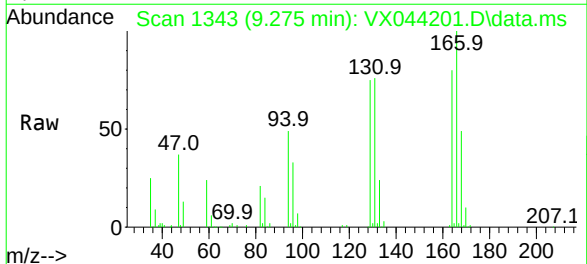
RT: 9.275 min Scan# 1343

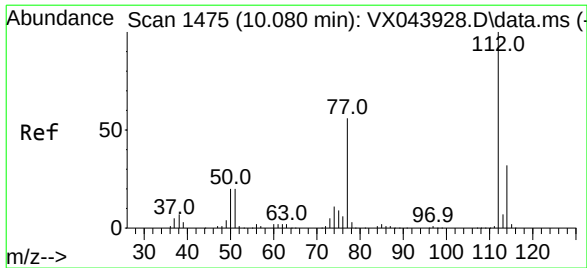
Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Tgt Ion:	164	Resp:	28559
Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.1	153.1
129	93.9	79.6	119.4
131	94.7	76.9	115.3





#65

Chlorobenzene

Concen: 19.593 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion:112 Resp: 93648

Ion Ratio Lower Upper

112 100

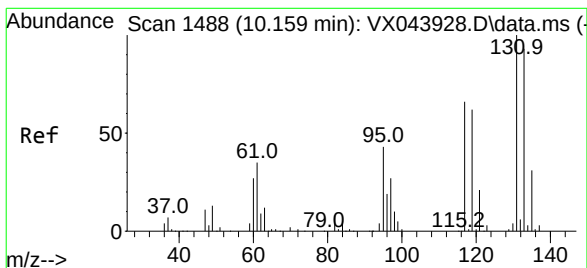
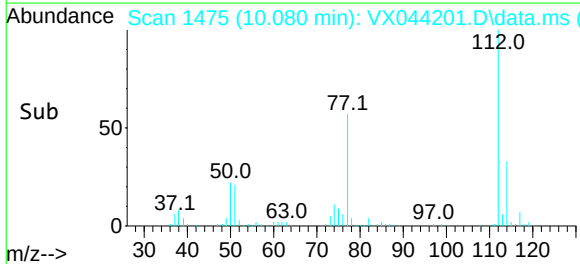
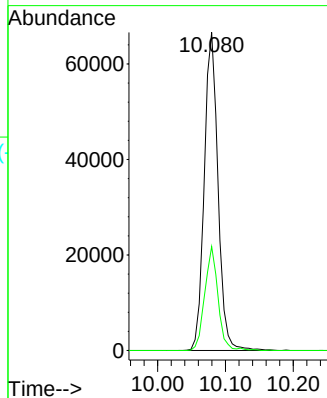
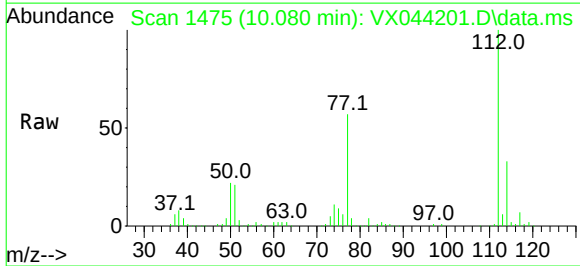
114 32.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 20.220 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

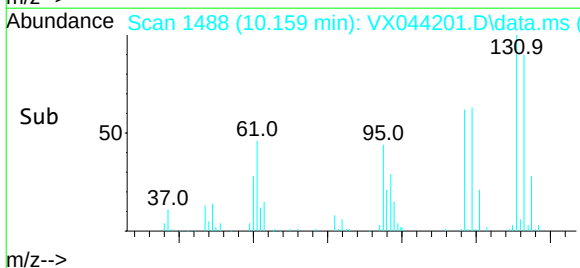
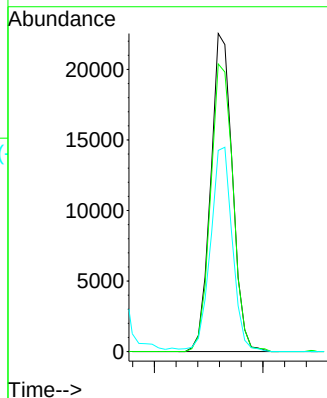
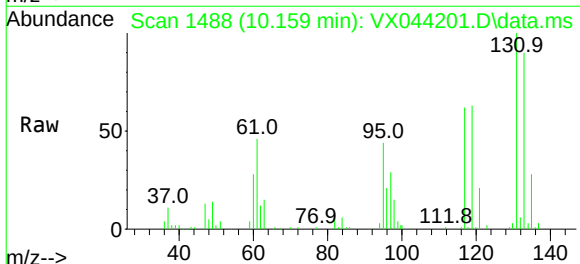
Tgt Ion:131 Resp: 31344

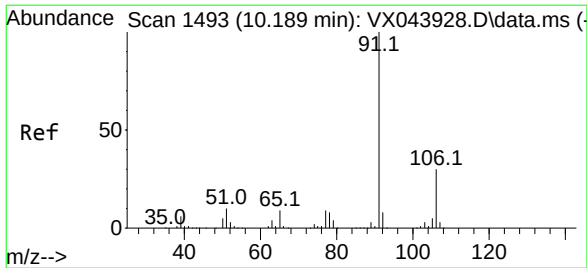
Ion Ratio Lower Upper

131 100

133 93.4 48.2 144.6

119 64.6 31.5 94.5





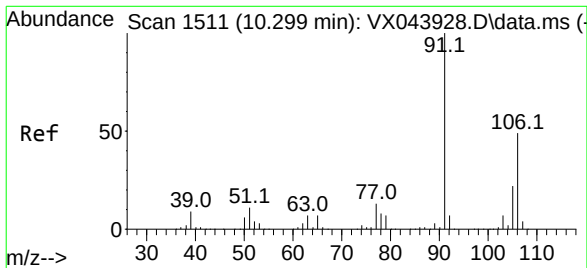
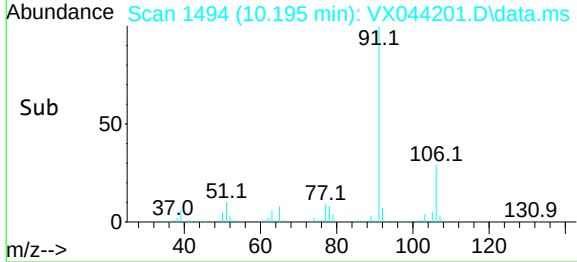
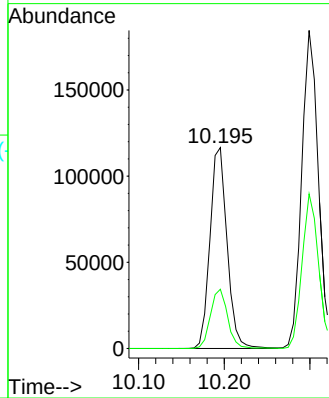
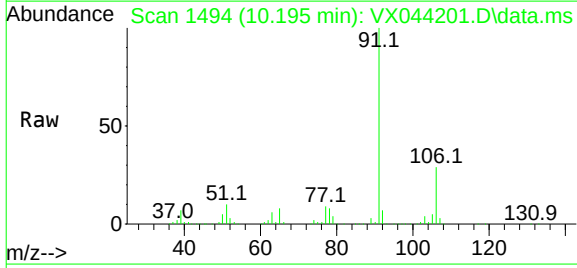
#67
Ethyl Benzene
Concen: 20.000 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 91 Resp: 161984
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

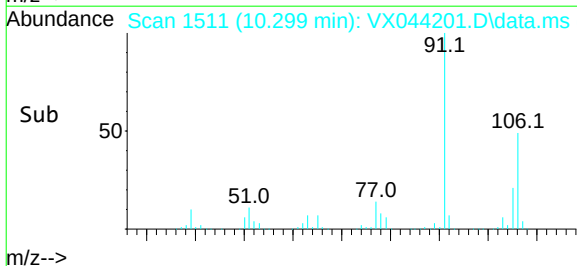
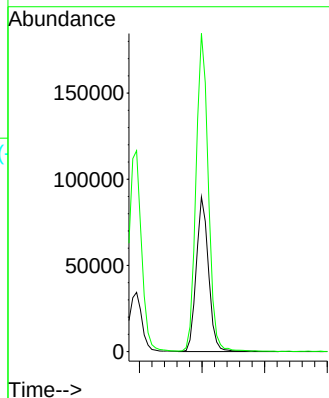
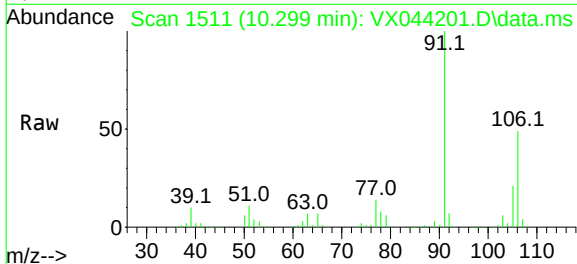
Manual Integrations
APPROVED

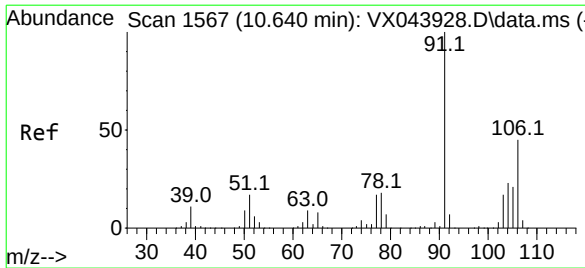
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#68
m/p-Xylenes
Concen: 40.339 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion:106 Resp: 121841
Ion Ratio Lower Upper
106 100
91 206.2 168.1 252.1





#69

o-Xylene

Concen: 20.286 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion:106 Resp: 59823

Ion Ratio Lower Upper

106 100

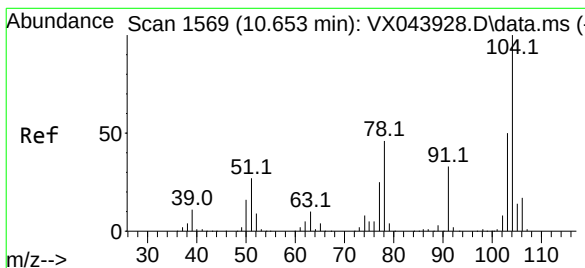
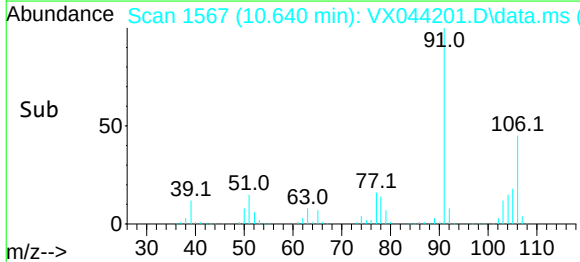
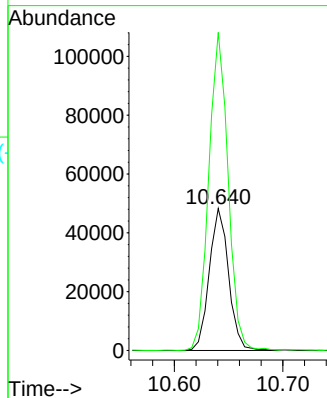
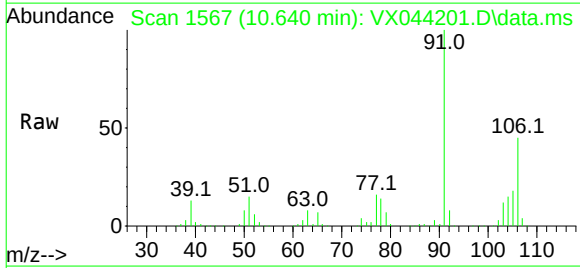
91 223.5 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#70

Styrene

Concen: 20.249 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

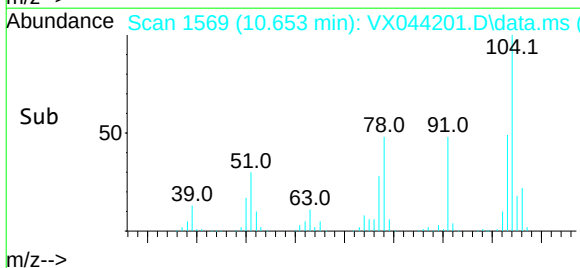
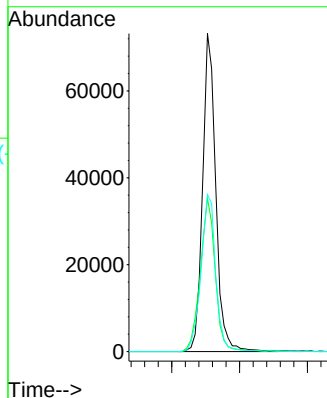
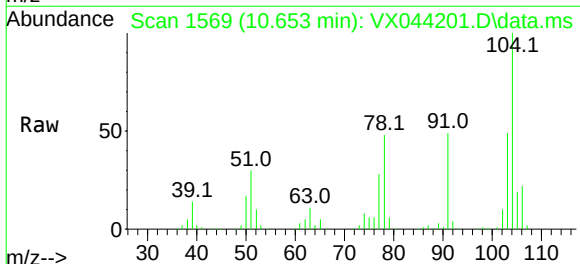
Tgt Ion:104 Resp: 98764

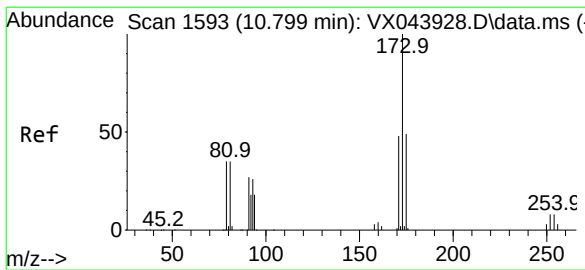
Ion Ratio Lower Upper

104 100

78 54.7 42.2 63.2

103 55.5 44.7 67.1





#71

Bromoform

Concen: 17.726 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

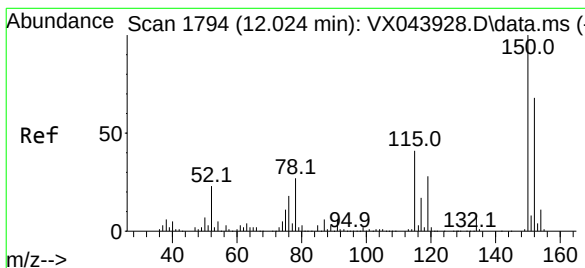
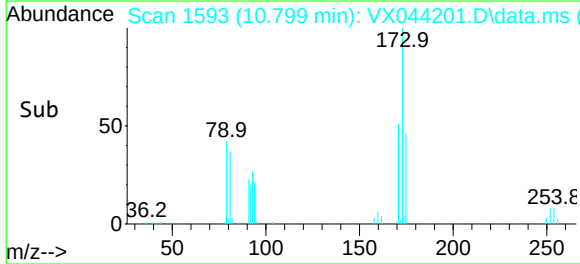
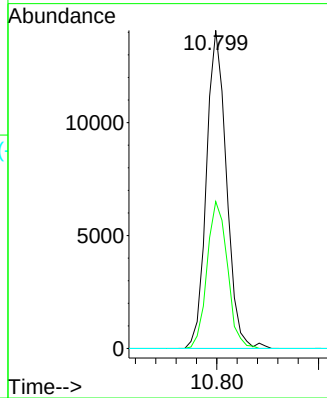
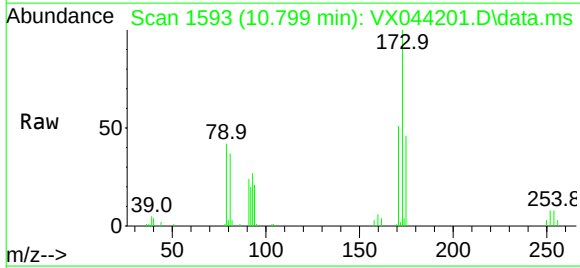
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

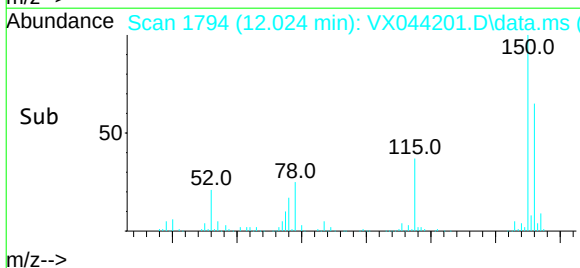
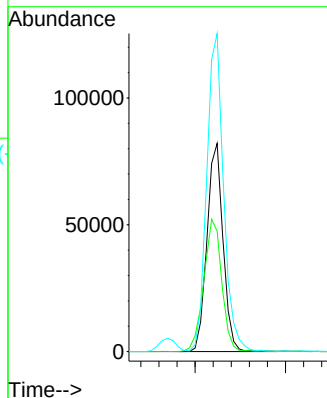
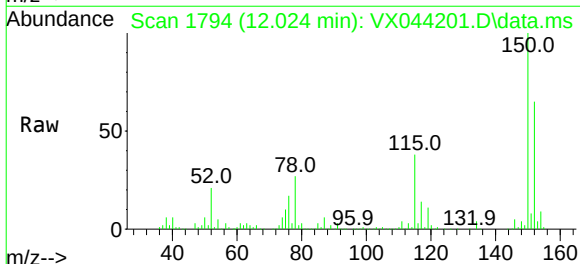
RT: 12.024 min Scan# 1794

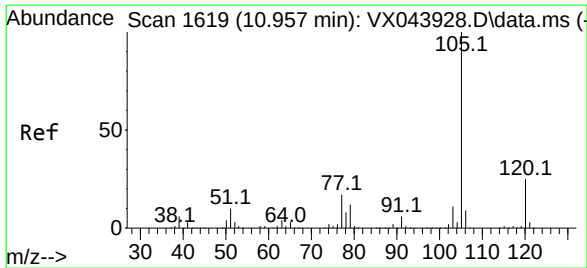
Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.1	45.4	136.2
150	159.7	0.0	353.0





#73

Isopropylbenzene

Concen: 20.063 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

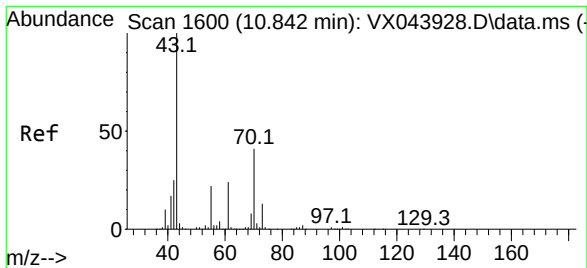
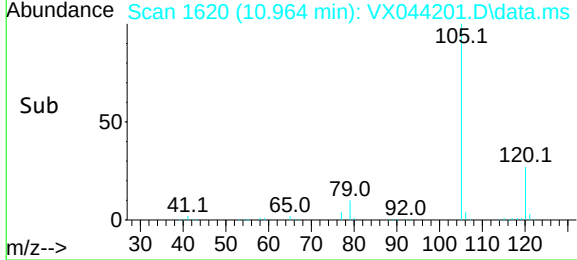
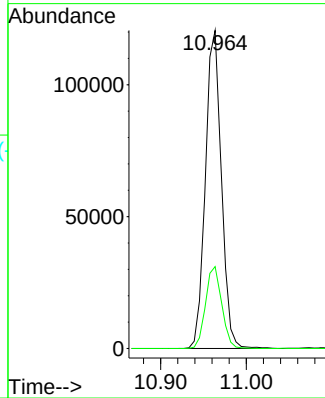
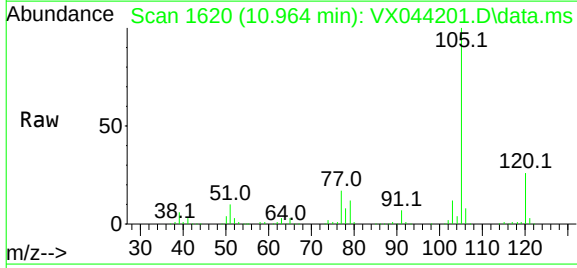
Tgt Ion: 105 Resp: 156270
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#74

N-ethyl acetate

Concen: 20.177 ug/l

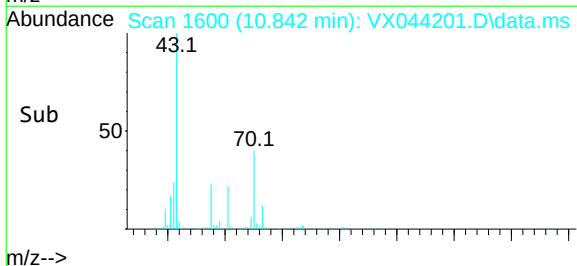
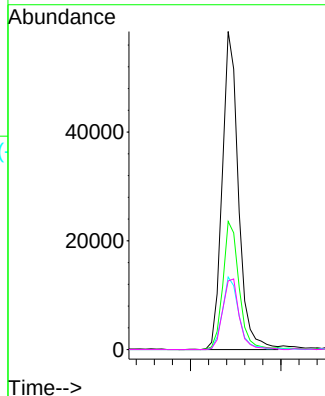
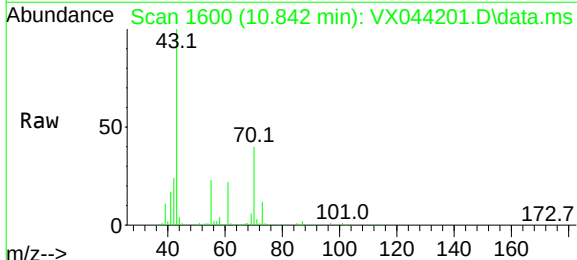
RT: 10.842 min Scan# 1600

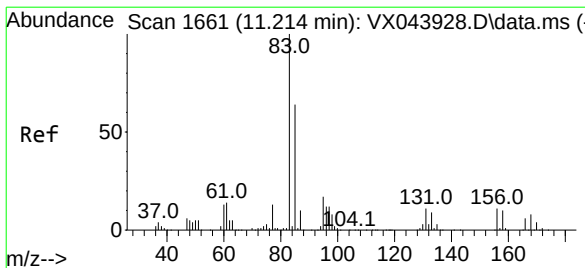
Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Tgt Ion: 43 Resp: 72802
 Ion Ratio Lower Upper
 43 100
 70 40.9 32.2 48.2
 55 22.9 18.1 27.1
 61 22.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.740 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

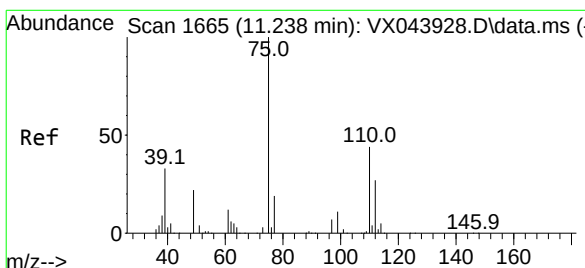
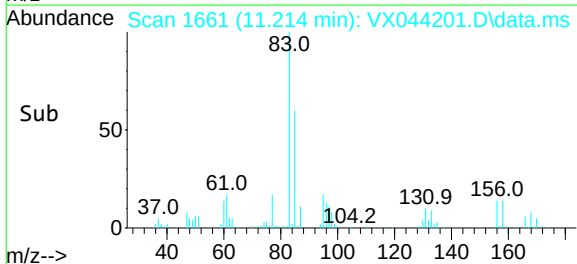
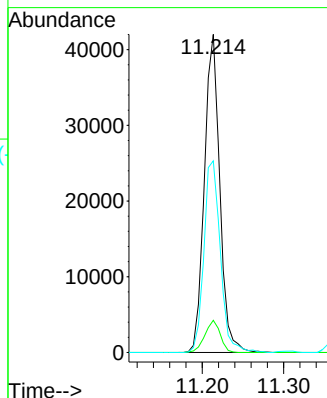
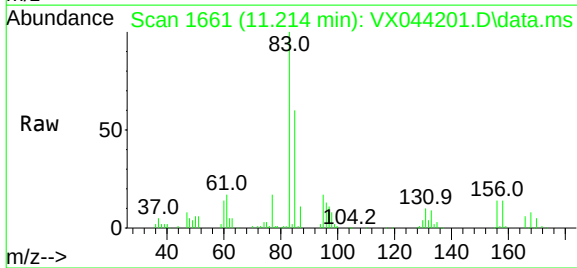
Tgt Ion:	83	Resp:	55313
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	64.2	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#76

1,2,3-Trichloropropane

Concen: 20.537 ug/l m

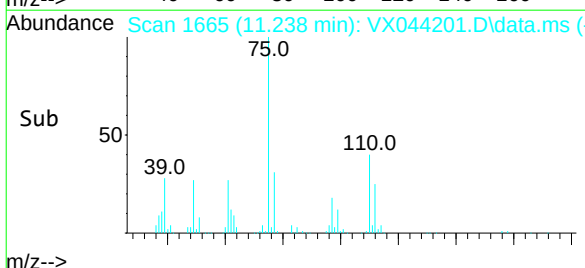
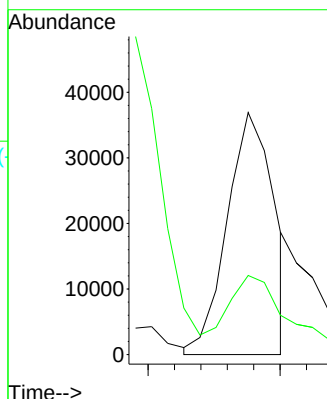
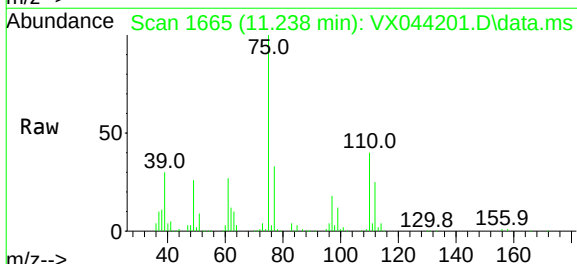
RT: 11.238 min Scan# 1665

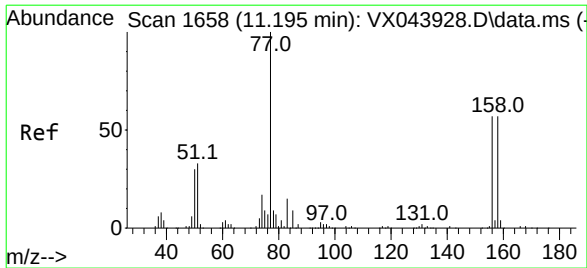
Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

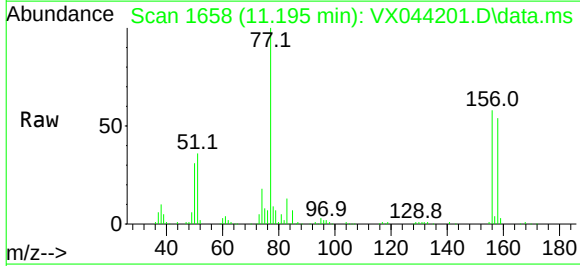
Tgt Ion:	75	Resp:	45635
Ion	Ratio	Lower	Upper
75	100		
77	43.5	21.8	65.3





#77
Bromobenzene
Concen: 19.549 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

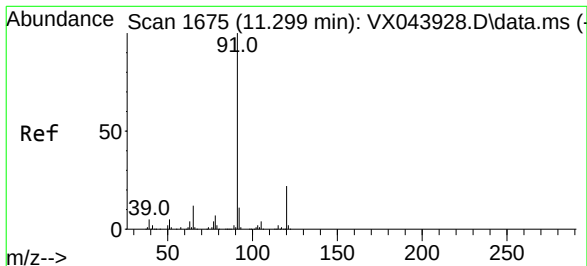
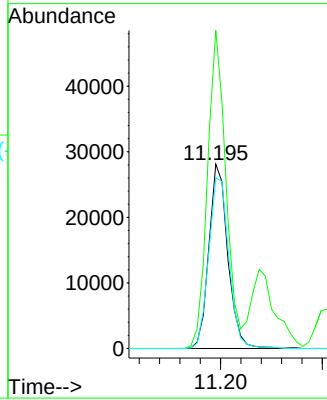
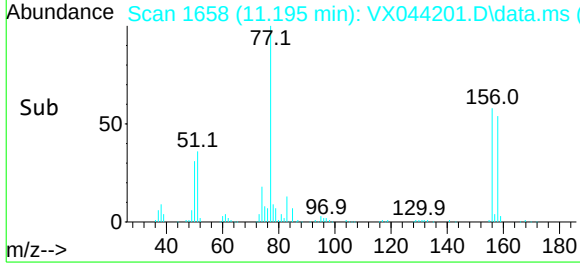
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion:156 Resp: 36322
Ion Ratio Lower Upper
156 100
77 166.7 83.4 250.1
158 99.0 47.6 142.8

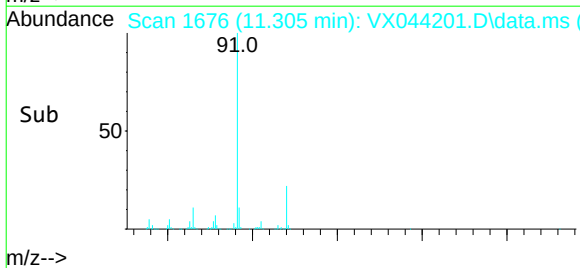
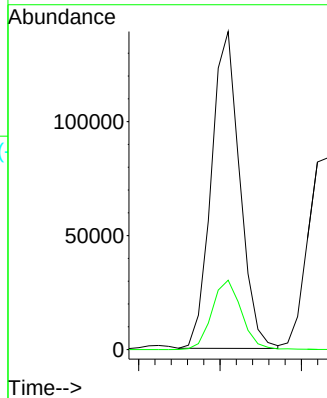
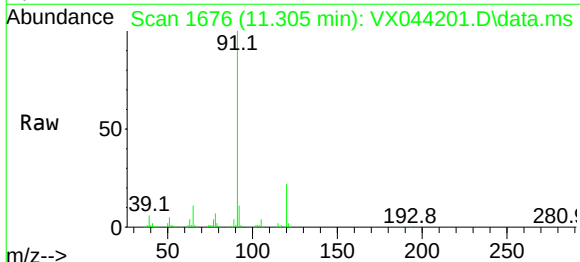
Manual Integrations
APPROVED

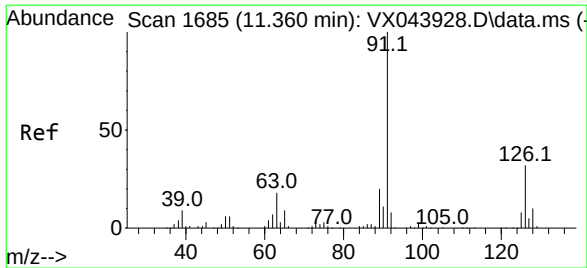
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#78
n-propylbenzene
Concen: 19.442 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 91 Resp: 169125
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





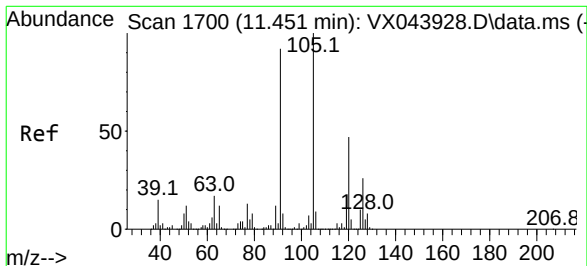
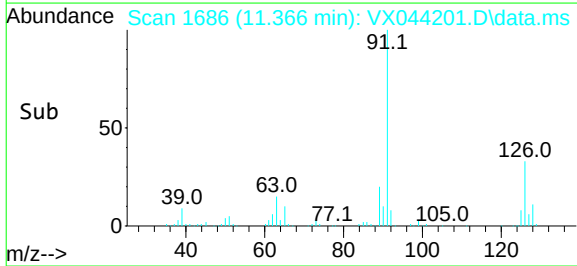
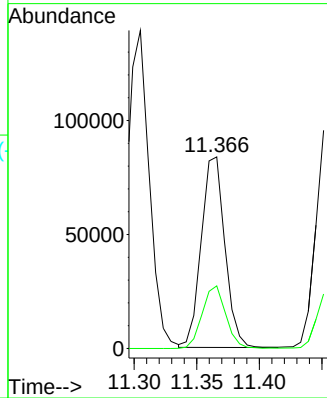
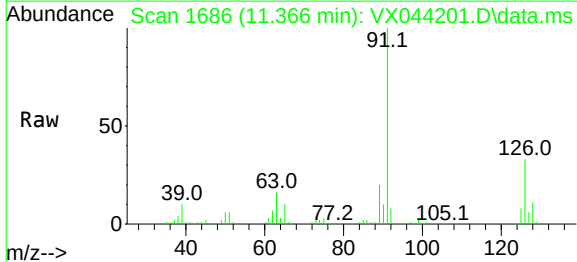
#79
2-Chlorotoluene
Concen: 19.964 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 91 Resp: 109815
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8

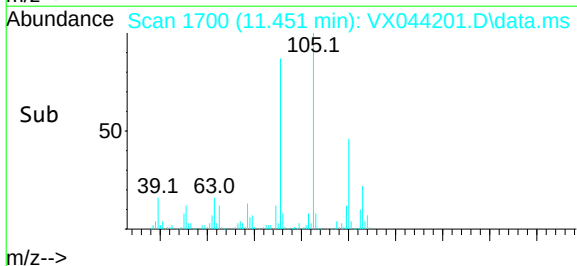
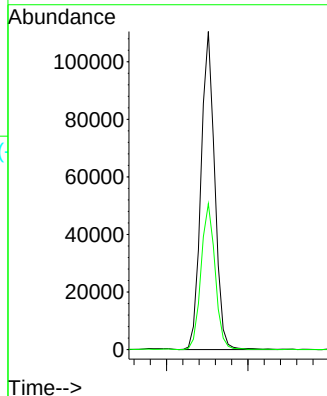
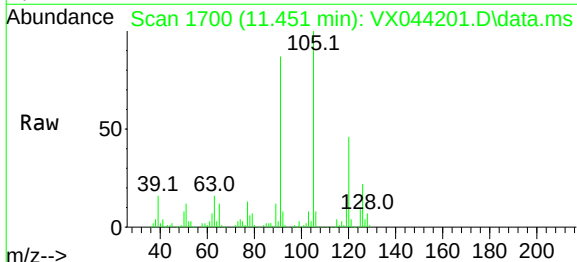
Manual Integrations
APPROVED

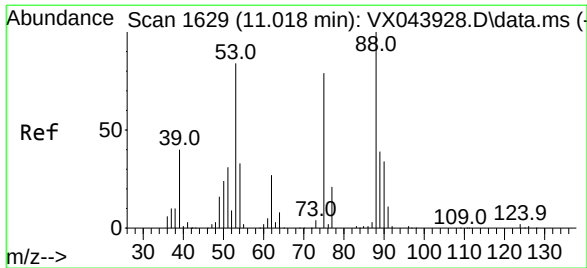
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.232 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

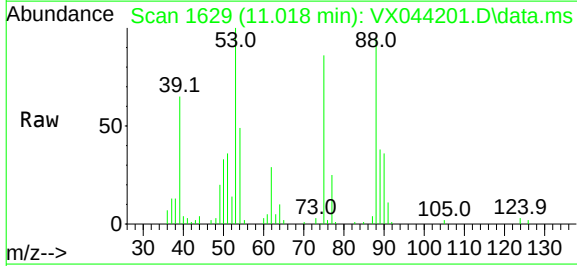
Tgt Ion:105 Resp: 129646
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.281 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

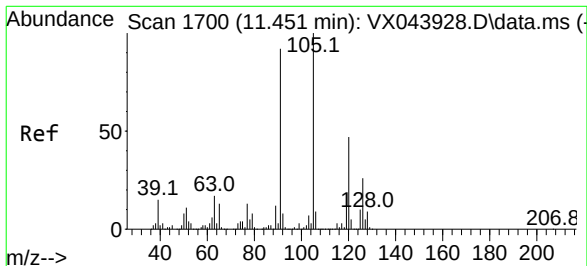
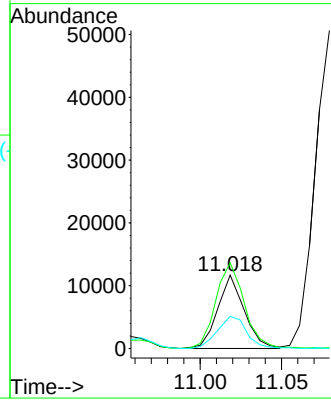
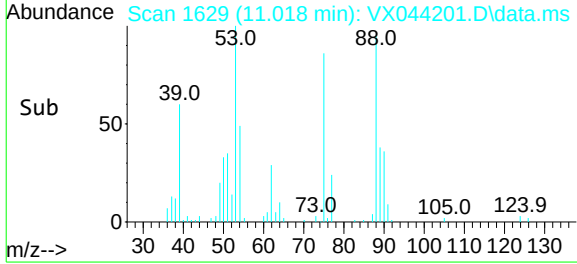
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion: 75 Resp: 13258
Ion Ratio Lower Upper
75 100
53 125.9 86.7 130.1
89 48.6 38.2 57.2

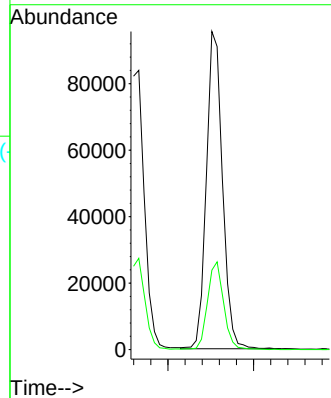
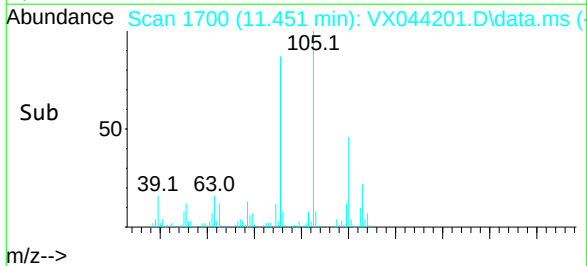
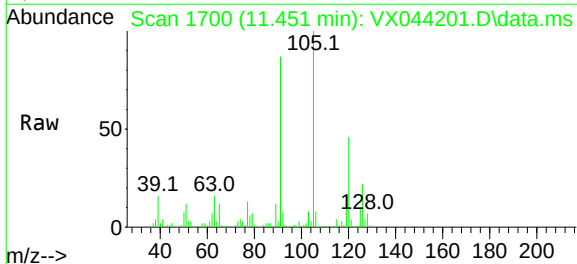
Manual Integrations
APPROVED

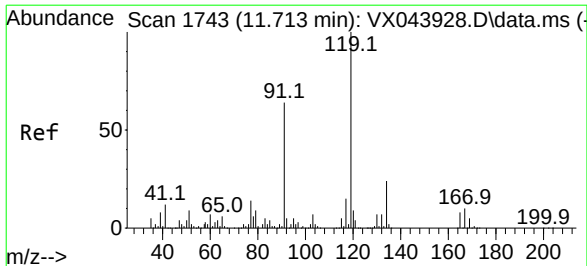
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#82
4-Chlorotoluene
Concen: 20.059 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 91 Resp: 124570
Ion Ratio Lower Upper
91 100
126 27.7 14.3 42.9





#83

tert-Butylbenzene

Concen: 20.509 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion:119 Resp: 130260

Ion Ratio Lower Upper

119 100

91 61.8 31.0 93.0

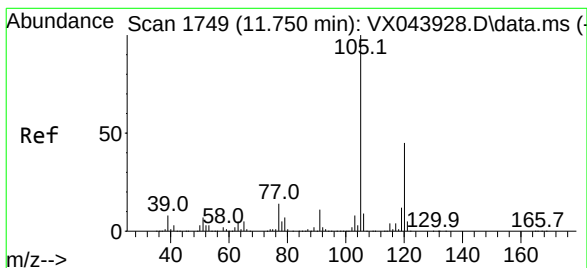
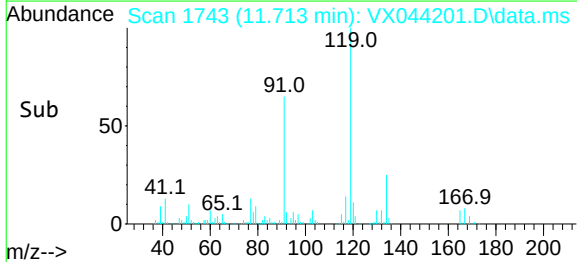
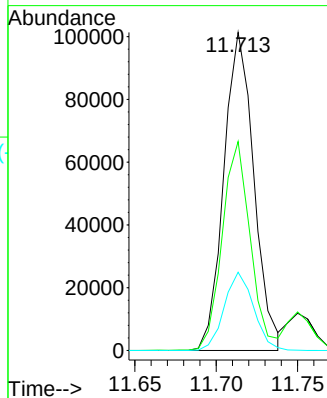
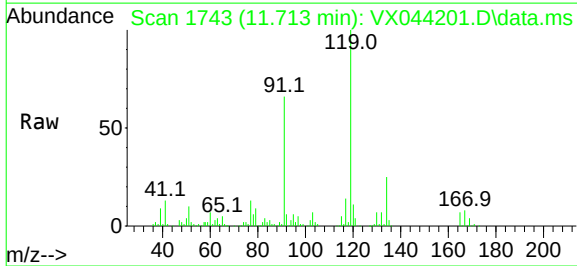
134 24.0 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.869 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044201.D

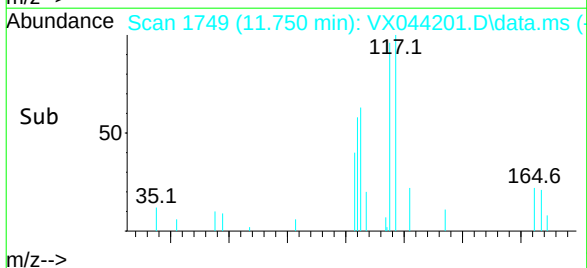
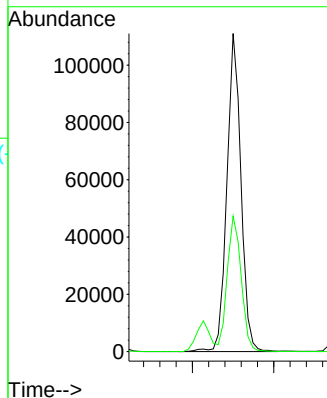
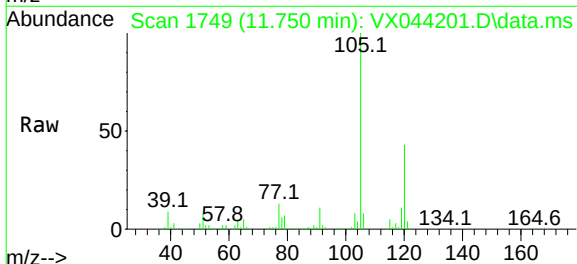
Acq: 10 Dec 2024 12:22

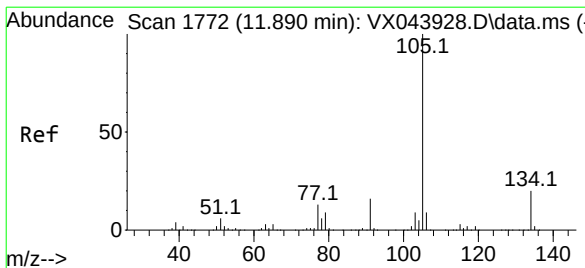
Tgt Ion:105 Resp: 133139

Ion Ratio Lower Upper

105 100

120 42.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 20.171 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion:105 Resp: 156966

Ion Ratio Lower Upper

105 100

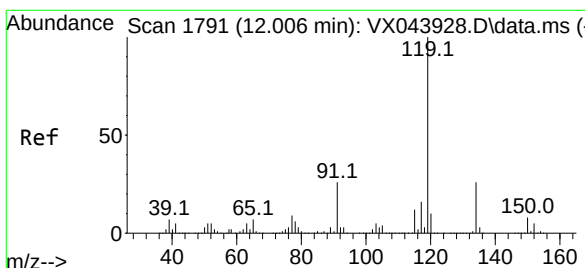
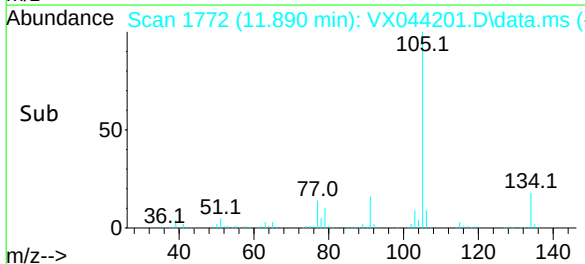
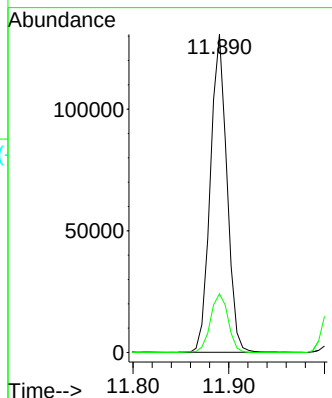
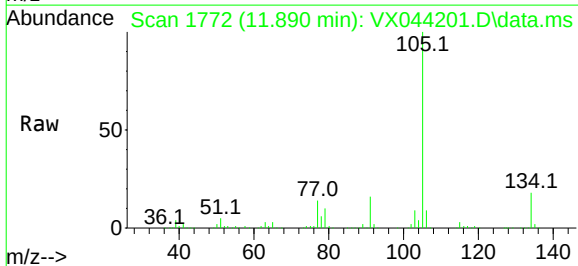
134 19.6 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#86

p-Isopropyltoluene

Concen: 20.752 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

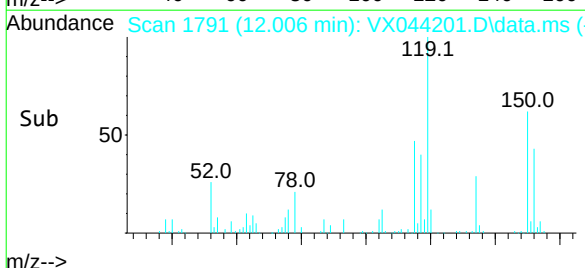
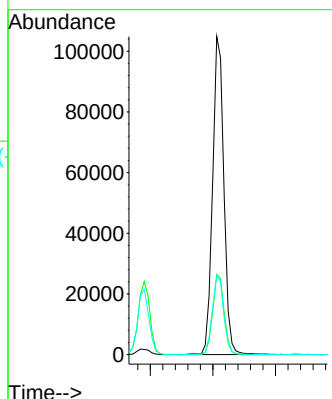
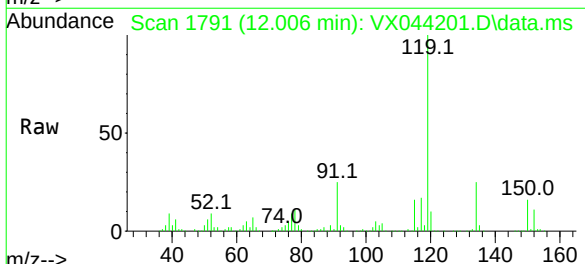
Tgt Ion:119 Resp: 131174

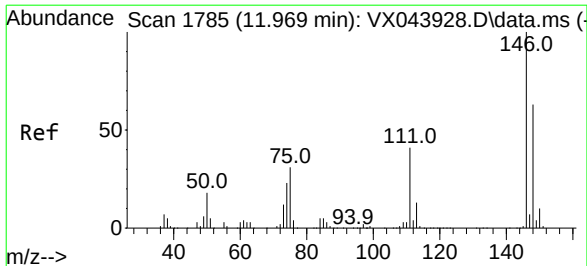
Ion Ratio Lower Upper

119 100

134 25.5 13.0 38.9

91 25.1 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.027 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

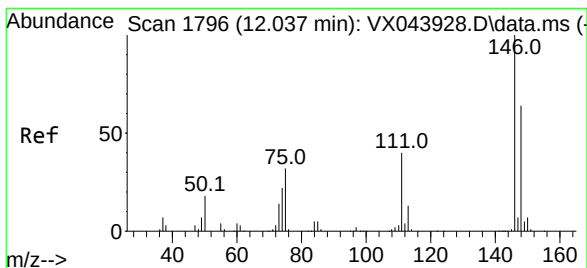
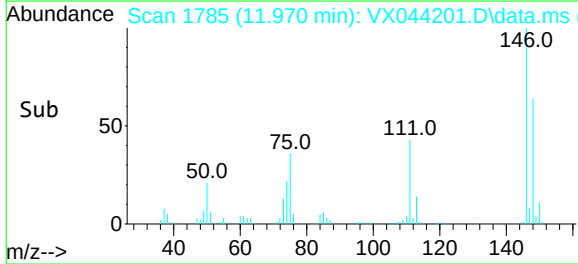
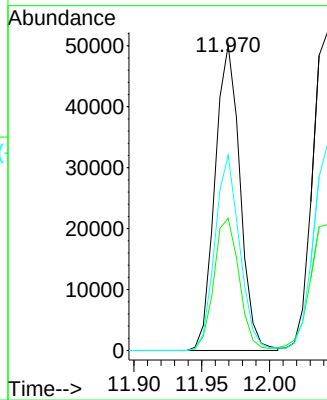
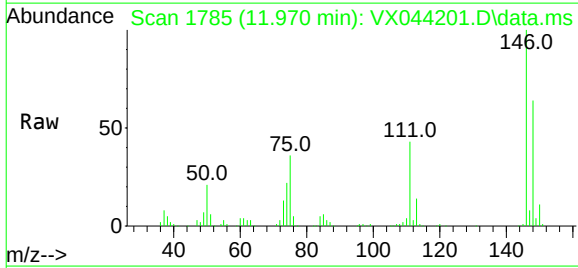
Tgt Ion:	146	Resp:	64387
Ion Ratio	Lower	Upper	
146	100		
111	43.7	21.1	63.3
148	63.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#88

1,4-Dichlorobenzene

Concen: 19.356 ug/l

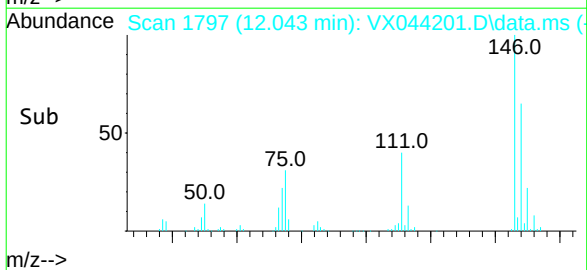
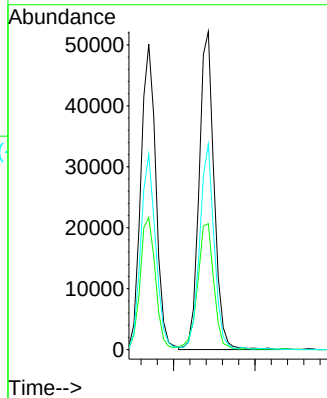
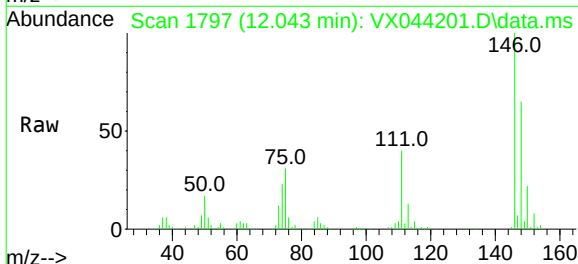
RT: 12.043 min Scan# 1797

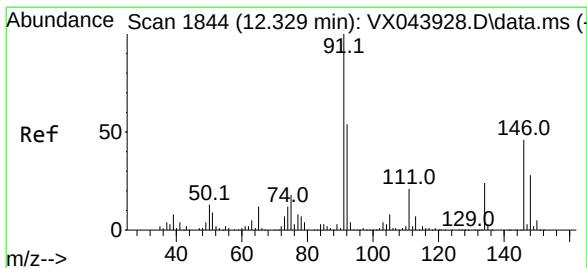
Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

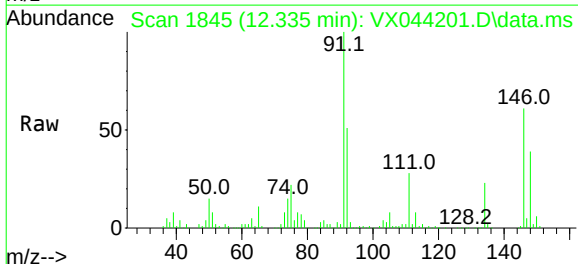
Tgt Ion:	146	Resp:	66782
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.1	60.3
148	61.3	30.9	92.8





#89
n-Butylbenzene
Concen: 19.527 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

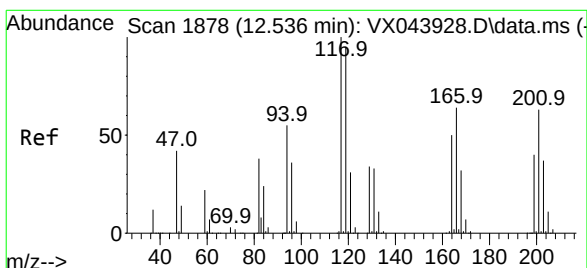
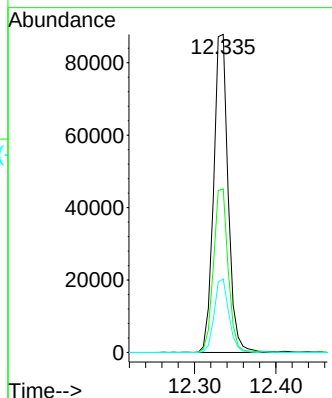
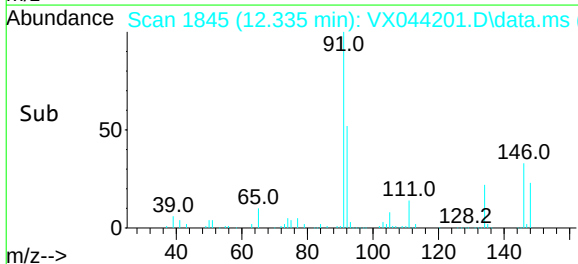
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion: 91 Resp: 108826
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.8
134 23.3 12.4 37.2

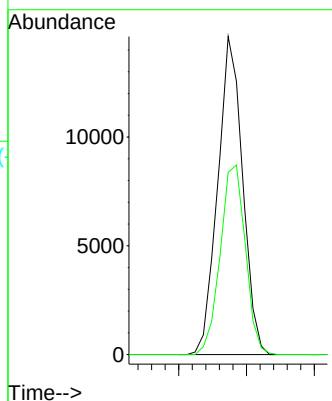
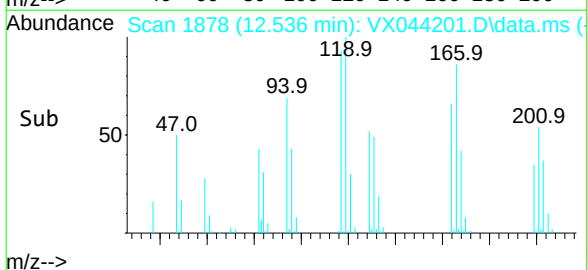
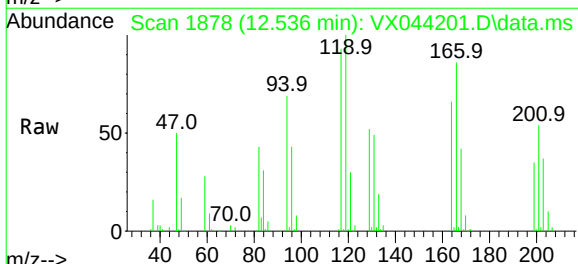
Manual Integrations
APPROVED

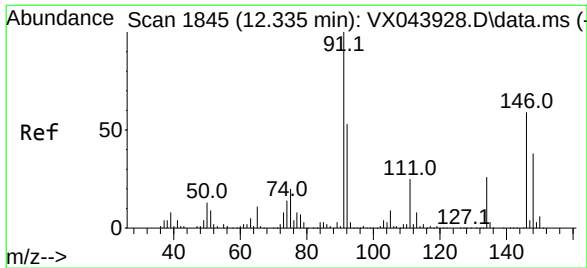
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#90
Hexachloroethane
Concen: 17.319 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

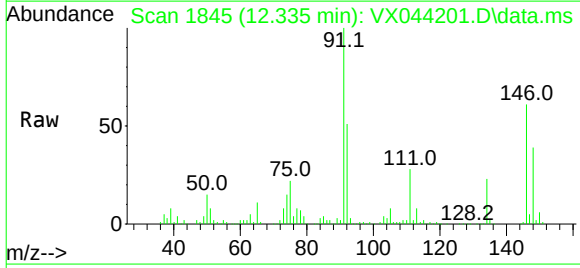
Tgt Ion:117 Resp: 18615
Ion Ratio Lower Upper
117 100
201 60.3 32.4 97.0





#91
1,2-Dichlorobenzene
Concen: 19.674 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

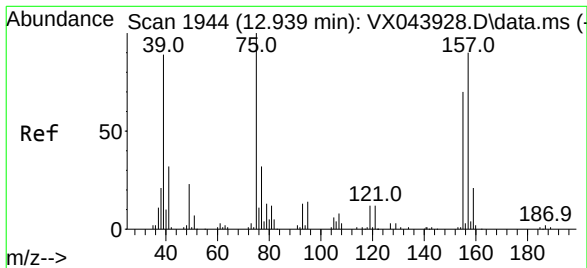
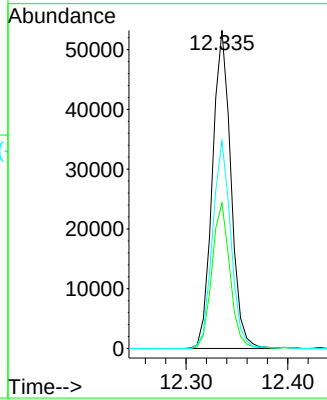
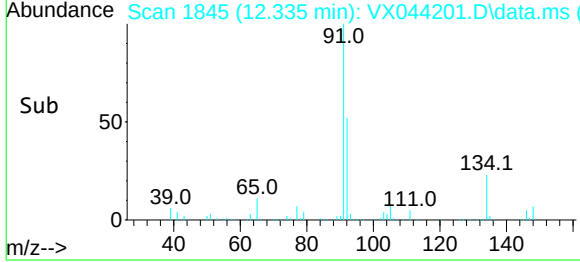
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01



Tgt Ion:146 Resp: 67188
Ion Ratio Lower Upper
146 100
111 44.4 21.5 64.5
148 64.7 31.9 95.5

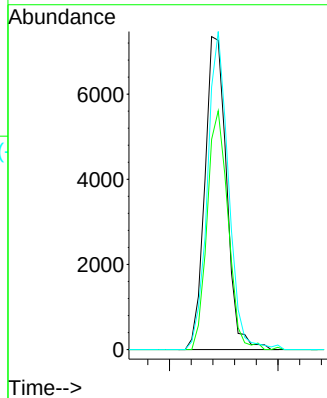
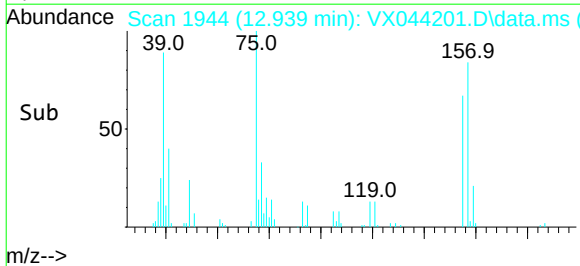
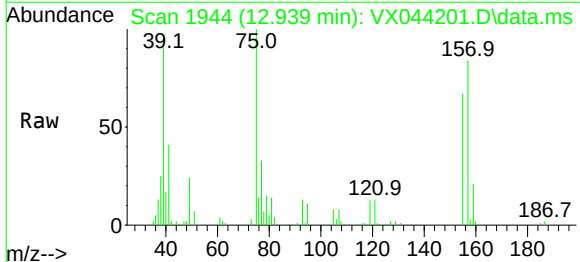
Manual Integrations
APPROVED

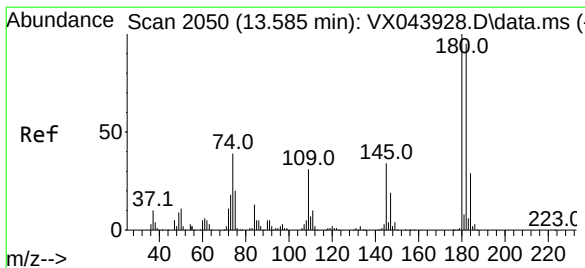
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.080 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044201.D
Acq: 10 Dec 2024 12:22

Tgt Ion: 75 Resp: 10196
Ion Ratio Lower Upper
75 100
155 73.4 40.1 120.2
157 98.5 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 17.372 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

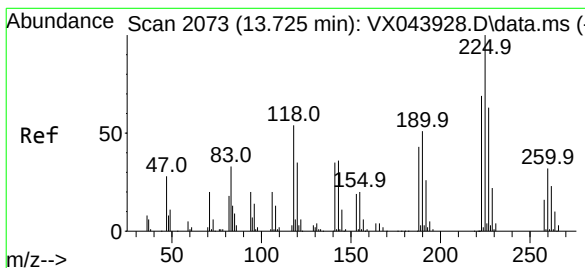
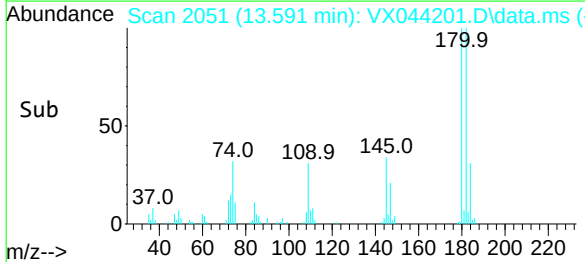
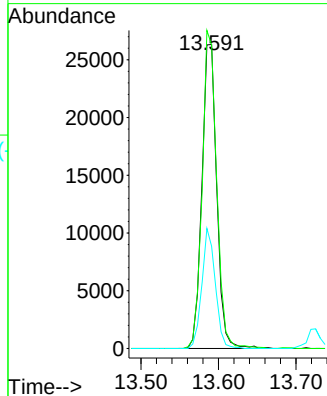
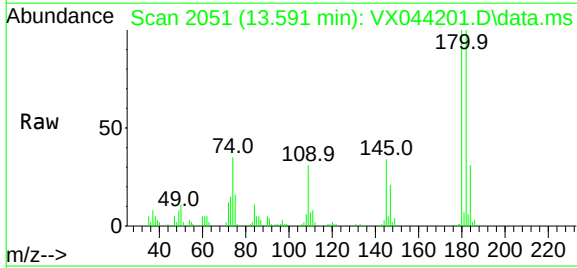
Tgt Ion:	180	Resp:	34977
Ion Ratio	Lower	Upper	
180	100		
182	102.2	48.0	144.2
145	35.9	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#94

Hexachlorobutadiene

Concen: 18.576 ug/l

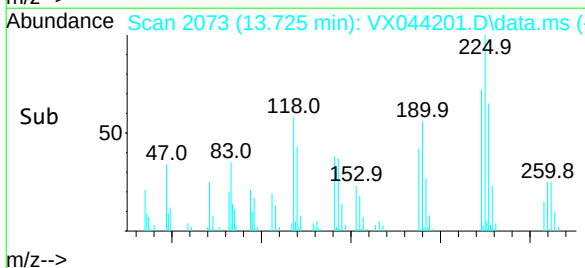
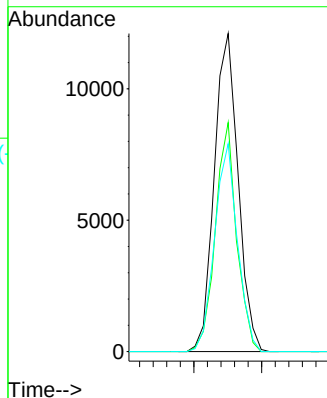
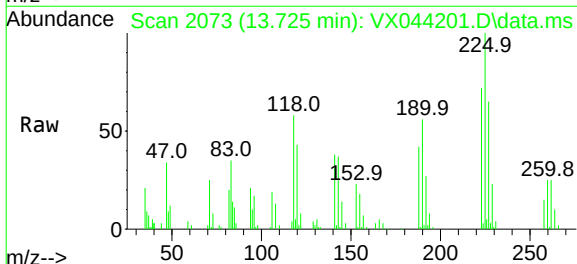
RT: 13.725 min Scan# 2073

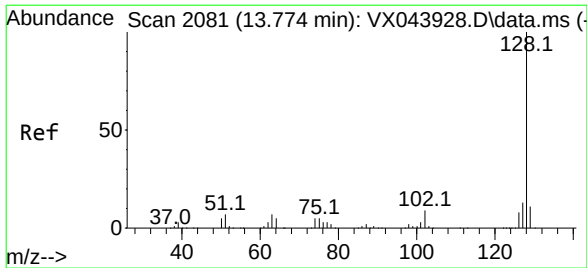
Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Tgt Ion:	225	Resp:	14782
Ion Ratio	Lower	Upper	
225	100		
223	64.1	32.9	98.6
227	62.7	31.6	94.8





#95

Naphthalene

Concen: 19.744 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

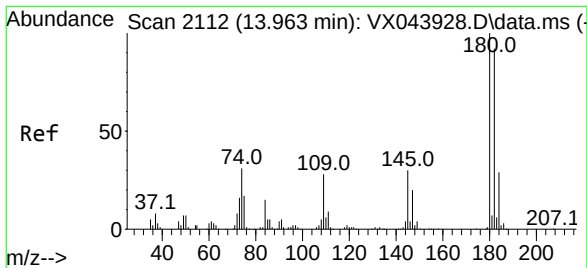
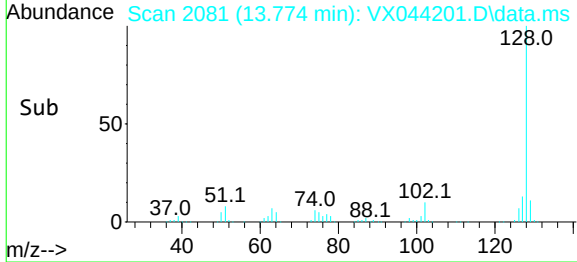
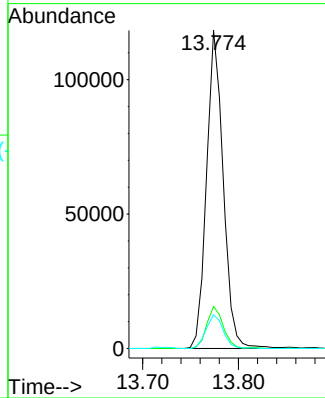
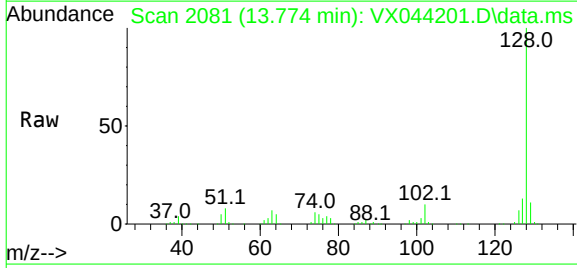
Tgt Ion:	128	Resp:	143097
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.036 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX044201.D

Acq: 10 Dec 2024 12:22

Tgt Ion:	180	Resp:	38793
Ion	Ratio	Lower	Upper
180	100		
182	91.6	45.6	136.8
145	34.5	16.4	49.4

