

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033430.D
 Acq On : 15 Dec 2022 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 00:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38081	42.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.240%		
35) Dibromofluoromethane	5.379	113	44592	46.257	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.520%		
50) Toluene-d8	8.647	98	97560	48.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.760%		
62) 4-Bromofluorobenzene	11.079	95	79249	51.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47530	48.857	ug/l	95
3) Chloromethane	1.294	50	47138	41.907	ug/l	100
4) Vinyl Chloride	1.374	62	54704	42.593	ug/l	99
5) Bromomethane	1.618	94	35871	38.059	ug/l	97
6) Chloroethane	1.691	64	44508	45.688	ug/l	99
7) Trichlorofluoromethane	1.892	101	84304	34.963	ug/l	99
8) Diethyl Ether	2.130	74	29931	34.367	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	66428	51.935	ug/l	99
10) Methyl Iodide	2.453	142	67859	48.441	ug/l	100
11) Tert butyl alcohol	2.995	59	54282m	198.723	ug/l	
12) 1,1-Dichloroethene	2.325	96	59977	47.504	ug/l	94
13) Acrolein	2.239	56	44660	150.751	ug/l	99
14) Allyl chloride	2.666	41	92103	45.680	ug/l	97
15) Acrylonitrile	3.062	53	147306	217.703	ug/l	99
16) Acetone	2.386	43	174360	263.734	ug/l	99
17) Carbon Disulfide	2.514	76	141648	43.713	ug/l	99
18) Methyl Acetate	2.703	43	86757	45.331	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	210433	48.117	ug/l	99
20) Methylene Chloride	2.788	84	65148	44.186	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	66164	47.906	ug/l	99
22) Diisopropyl ether	3.751	45	211702	49.007	ug/l #	81
23) Vinyl Acetate	3.721	43	796105	237.436	ug/l	97
24) 1,1-Dichloroethane	3.605	63	118365	46.634	ug/l	99
25) 2-Butanone	4.556	43	223330	235.335	ug/l	97
26) 2,2-Dichloropropane	4.477	77	97132	52.038	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	81133	49.154	ug/l	96
28) Bromochloromethane	4.891	49	51029	48.028	ug/l	93
29) Tetrahydrofuran	5.001	42	132245	215.085	ug/l	96
30) Chloroform	5.086	83	138266	49.069	ug/l	100
31) Cyclohexane	5.471	56	104151	49.051	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	124544	51.371	ug/l	98
36) 1,1-Dichloropropene	5.690	75	96432	51.308	ug/l	98
37) Ethyl Acetate	4.708	43	81185	45.696	ug/l	99
38) Carbon Tetrachloride	5.678	117	109727	52.107	ug/l	99
39) Methylcyclohexane	7.379	83	115689	54.993	ug/l	97
40) Benzene	6.037	78	276871	50.524	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46339	47.333	ug/l	98
42) 1,2-Dichloroethane	6.080	62	108334	49.784	ug/l	98
43) Isopropyl Acetate	6.336	43	136769	47.844	ug/l	97
44) Trichloroethene	7.123	130	79155	52.390	ug/l	96
45) 1,2-Dichloropropane	7.427	63	70651	50.412	ug/l	99
46) Dibromomethane	7.580	93	53766	50.361	ug/l	99
47) Bromodichloromethane	7.818	83	108950	52.352	ug/l	100
48) Methyl methacrylate	7.690	41	70703	47.923	ug/l	93
49) 1,4-Dioxane	7.696	88	29747	884.207	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	445493	246.435	ug/l	96
52) Toluene	8.720	92	194022	54.761	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	109761	49.141	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117676	53.138	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	78302	52.574	ug/l	98
56) Ethyl methacrylate	9.116	69	112579	53.687	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	126034	52.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	229186	238.862	ug/l	98
59) 2-Hexanone	9.427	43	340694	255.739	ug/l	95
60) Dibromochloromethane	9.519	129	90138	54.930	ug/l	100
61) 1,2-Dibromoethane	9.610	107	84315	53.222	ug/l	100
64) Tetrachloroethene	9.275	164	71561	50.953	ug/l	98
65) Chlorobenzene	10.079	112	214048	51.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80870	51.451	ug/l	99
67) Ethyl Benzene	10.195	91	381798	52.692	ug/l	97
68) m/p-Xylenes	10.299	106	304061	107.856	ug/l	97
69) o-Xylene	10.640	106	146323	52.510	ug/l	97
70) Styrene	10.652	104	244830	53.646	ug/l	98
71) Bromoform	10.799	173	63916	51.374	ug/l #	99
73) Isopropylbenzene	10.963	105	390064	51.922	ug/l	99
74) N-amyl acetate	10.841	43	125085	48.802	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	113177	47.488	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	102065m	48.402	ug/l	
77) Bromobenzene	11.195	156	96292	50.759	ug/l	97
78) n-propylbenzene	11.305	91	447548	53.354	ug/l	99
79) 2-Chlorotoluene	11.366	91	265311	51.178	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	328826	52.584	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32326	47.686	ug/l	94
82) 4-Chlorotoluene	11.451	91	307861	51.072	ug/l	98
83) tert-Butylbenzene	11.713	119	325763	52.240	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	326303	52.274	ug/l	100
85) sec-Butylbenzene	11.890	105	400794	55.088	ug/l	99
86) p-Isopropyltoluene	12.006	119	340165	54.230	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	177873	51.761	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	178208	50.770	ug/l	99
89) n-Butylbenzene	12.329	91	287863	56.031	ug/l	99
90) Hexachloroethane	12.536	117	54653	51.259	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	170984	49.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22473	43.655	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	109066	52.564	ug/l	99
94) Hexachlorobutadiene	13.725	225	46128	55.517	ug/l	99
95) Naphthalene	13.774	128	347251	50.172	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	106772	50.808	ug/l	99

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

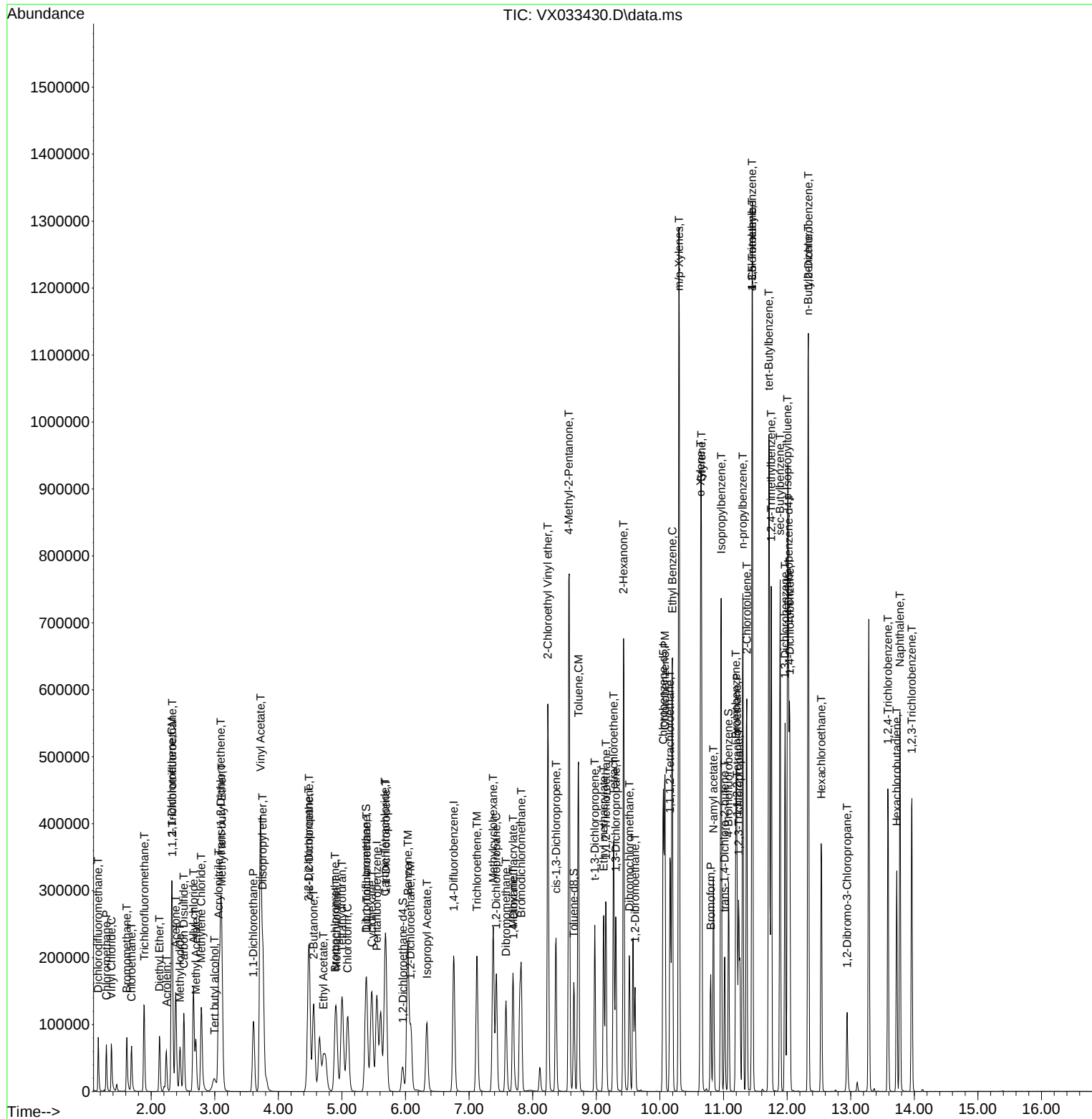
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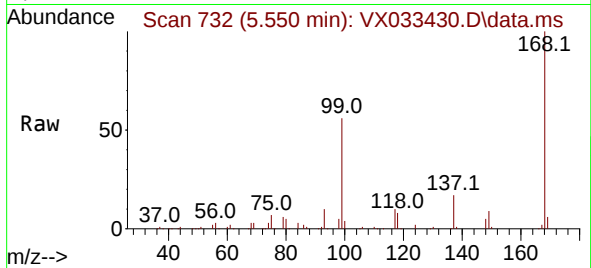
Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

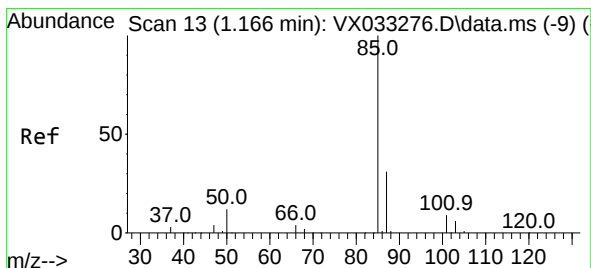
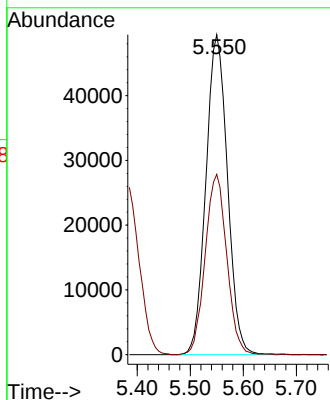
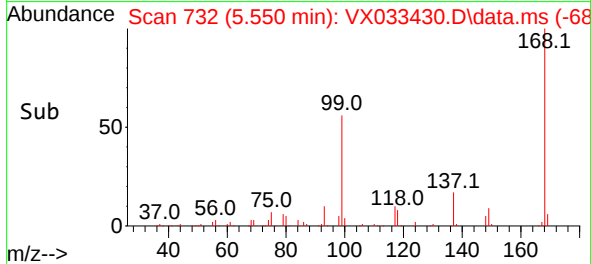
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 139260
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1

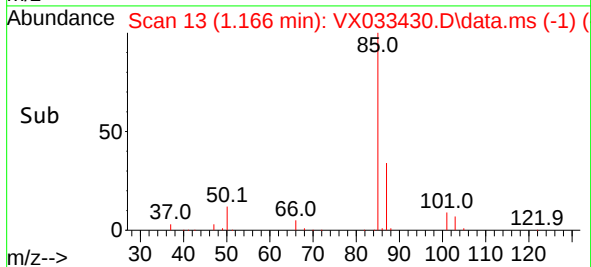
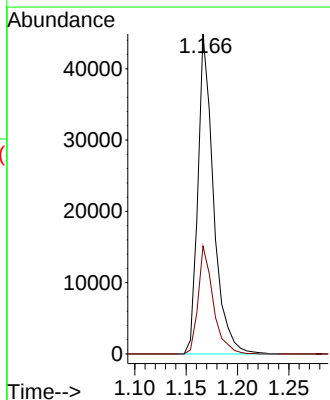
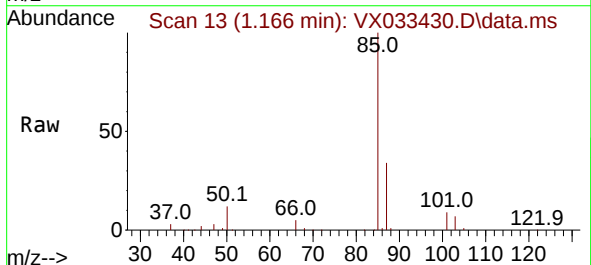
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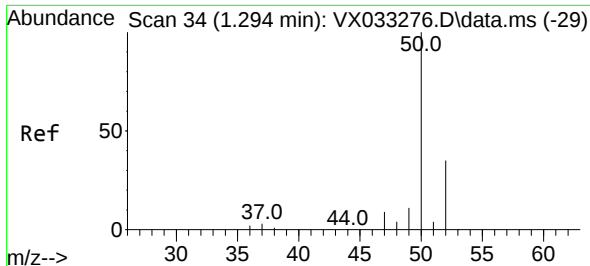
Reviewed By :John Carlone 12/16/2022
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#2
Dichlorodifluoromethane
Concen: 48.857 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 85 Resp: 47530
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.7





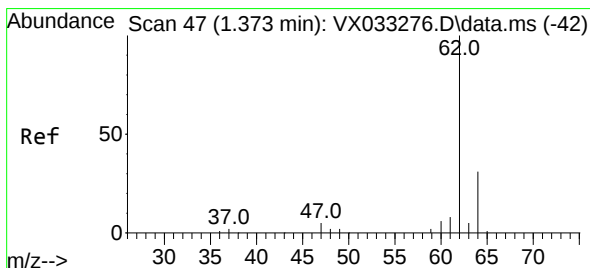
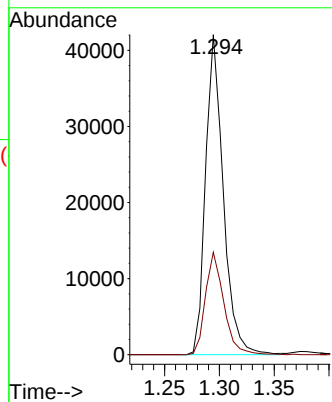
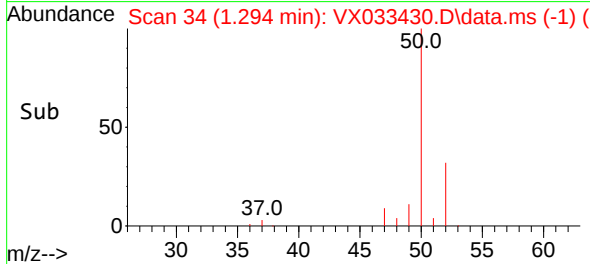
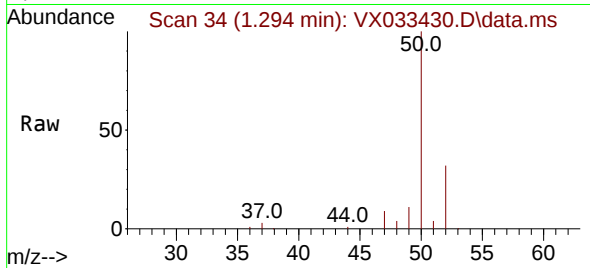
#3
Chloromethane
Concen: 41.907 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 47138
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

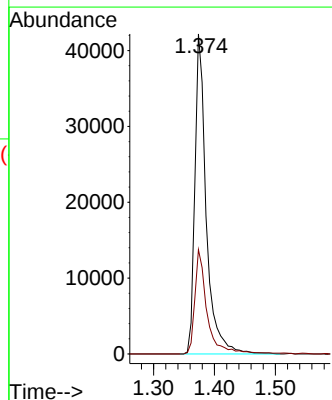
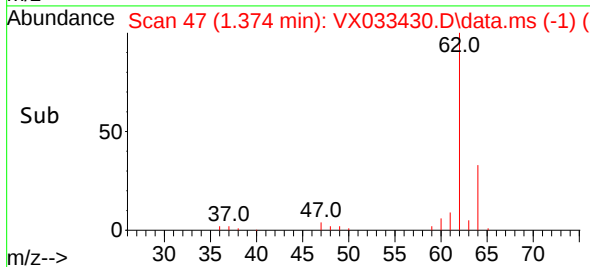
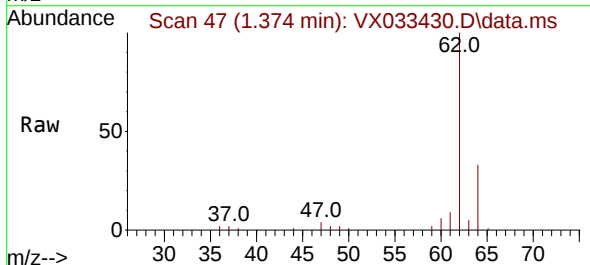
Manual Integrations
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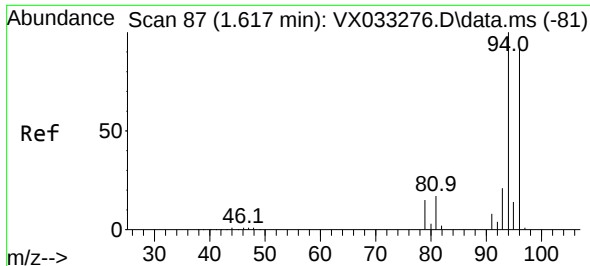
Reviewed By :John Carlone 12/16/2022
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#4
Vinyl Chloride
Concen: 42.593 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

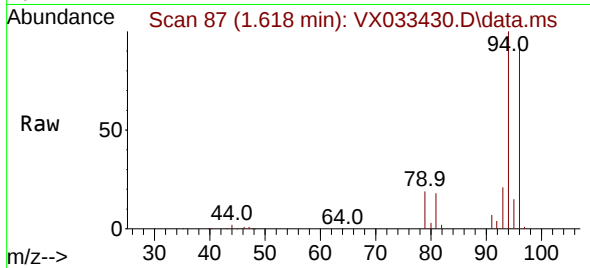
Tgt Ion: 62 Resp: 54704
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





#5
Bromomethane
Concen: 38.059 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

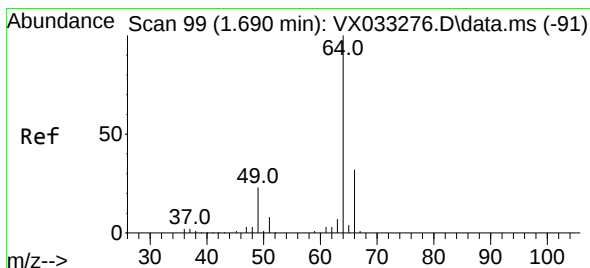
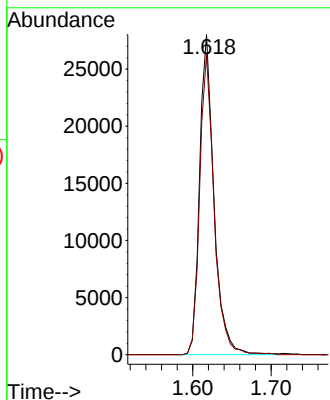
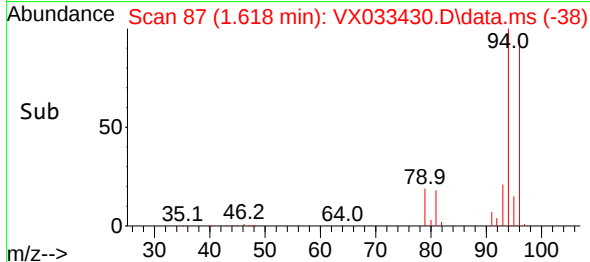
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Tgt Ion: 94 Resp: 3587
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4

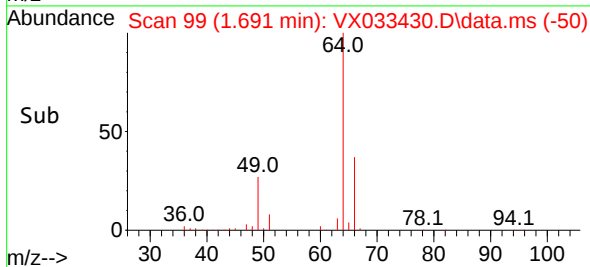
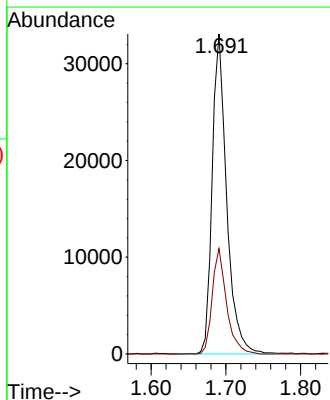
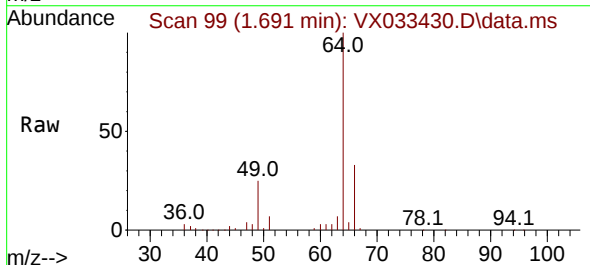
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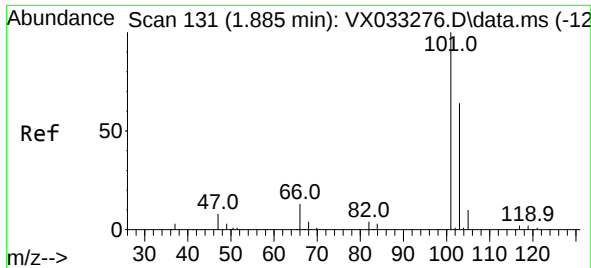
Reviewed By :John Carlone 12/16/2022
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#6
Chloroethane
Concen: 45.688 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

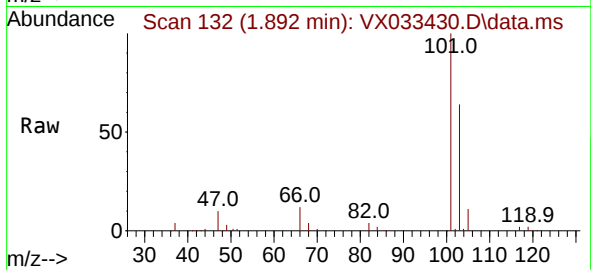
Tgt Ion: 64 Resp: 44508
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 34.963 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033430.D
 Acq: 15 Dec 2022 10:10

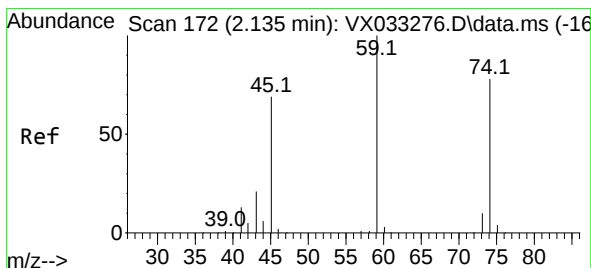
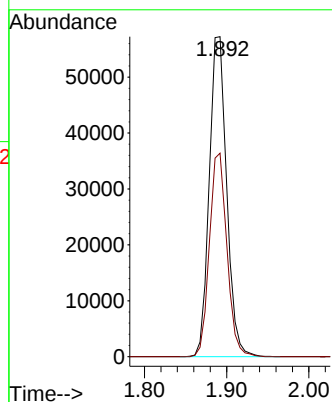
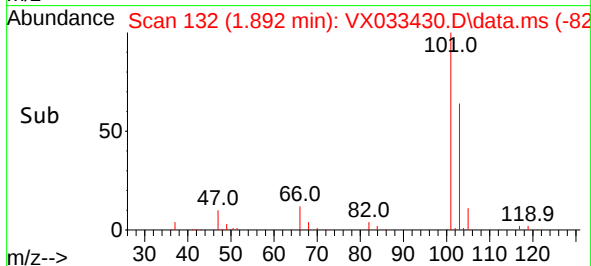
Instrument :
 MSVOA_X
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Tgt Ion:101 Resp: 84304
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.2

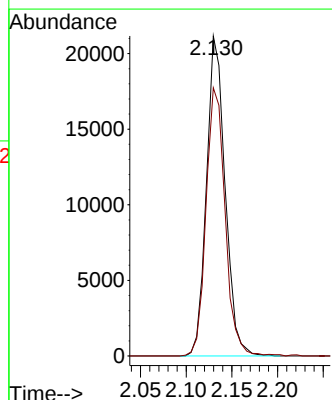
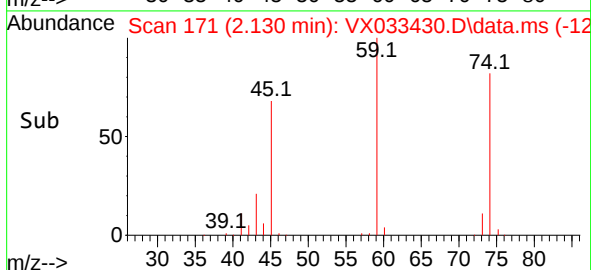
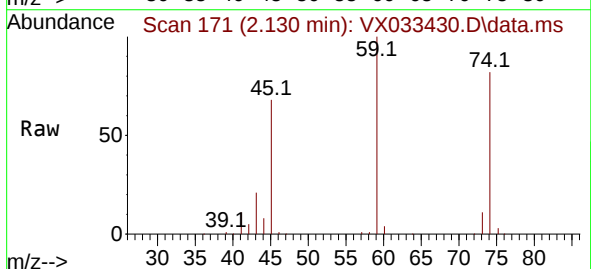
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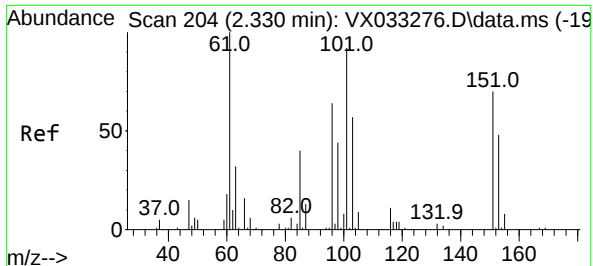
Reviewed By :John Carlone 12/16/2022
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#8
 Diethyl Ether
 Concen: 34.367 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX033430.D
 Acq: 15 Dec 2022 10:10

Tgt Ion: 74 Resp: 29931
 Ion Ratio Lower Upper
 74 100
 45 86.0 46.6 139.7





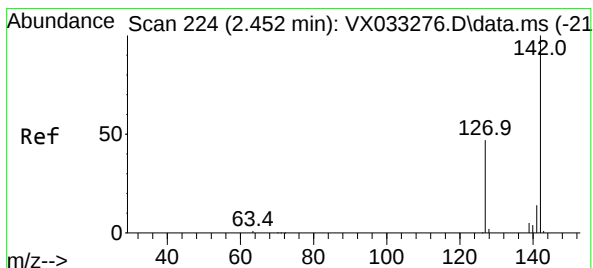
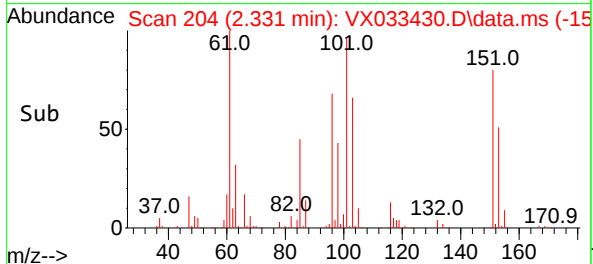
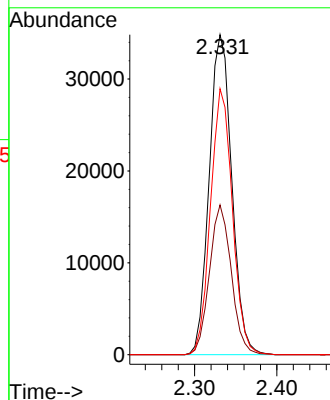
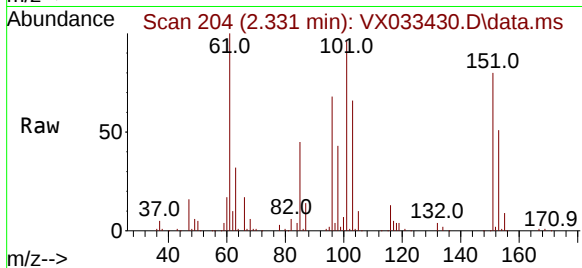
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.935 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 66428
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.4
151 80.5 64.4 96.6

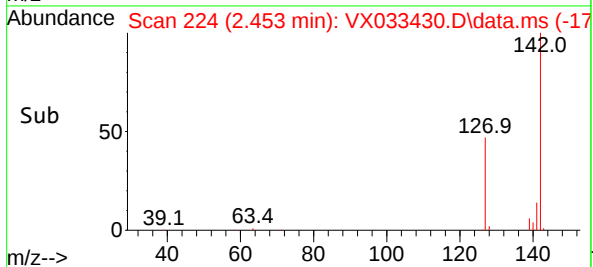
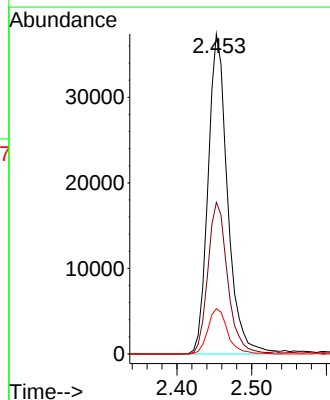
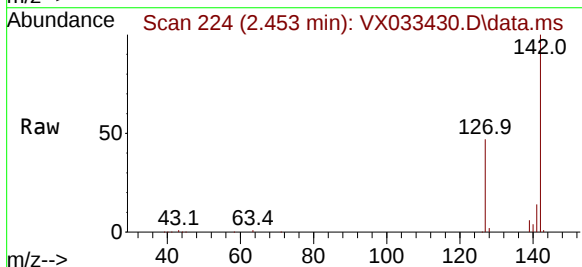
Manual Integrations
APPROVED

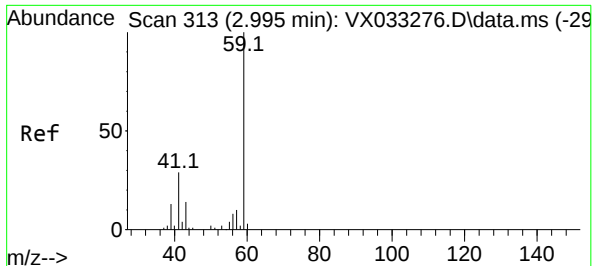
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#10
Methyl Iodide
Concen: 48.441 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

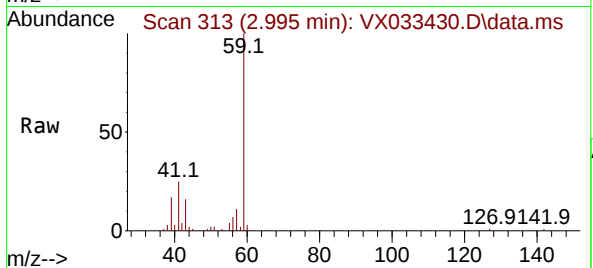
Tgt Ion:142 Resp: 67859
Ion Ratio Lower Upper
142 100
127 47.8 38.6 57.8
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 198.723 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

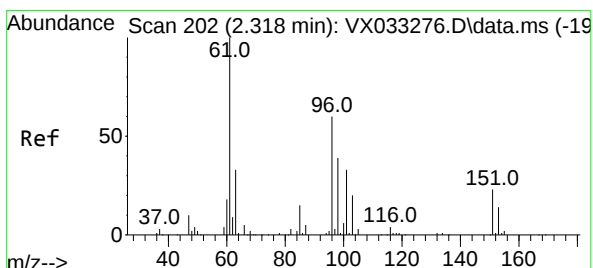
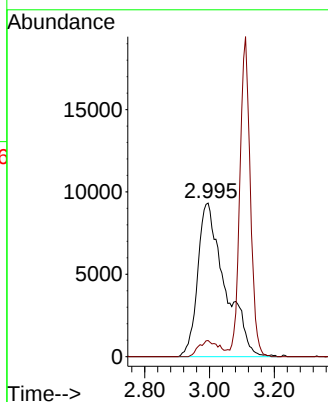
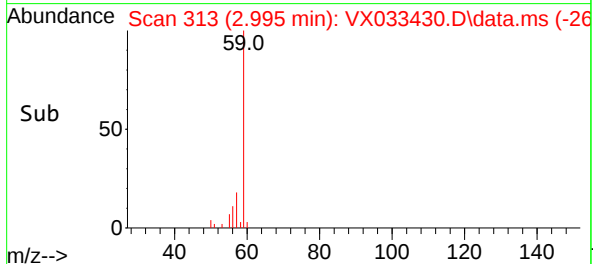
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



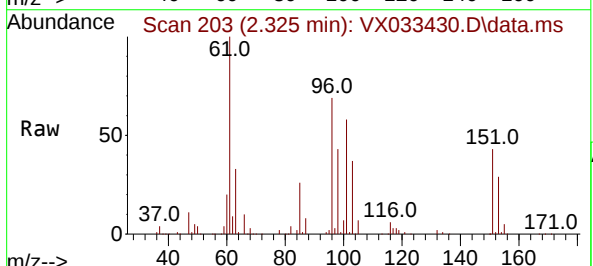
Tgt Ion: 59 Resp: 5428
Ion Ratio Lower Upper
59 100
57 7.8 8.2 12.4

Manual Integrations
APPROVED

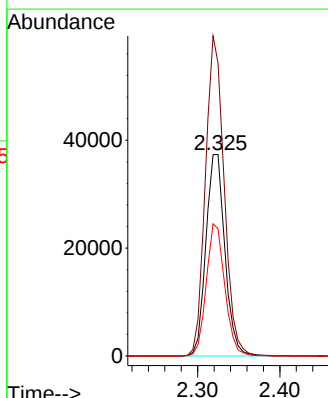
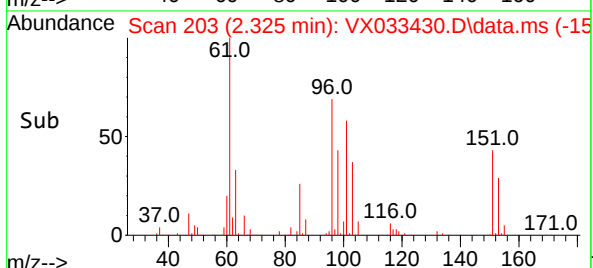
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#12
1,1-Dichloroethene
Concen: 47.504 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



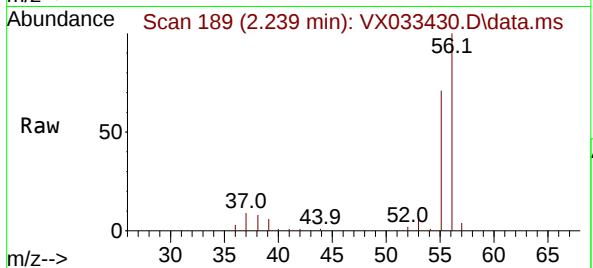
Tgt Ion: 96 Resp: 59977
Ion Ratio Lower Upper
96 100
61 145.4 125.1 187.7
98 63.0 50.6 76.0





#13
Acrolein
Concen: 150.751 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

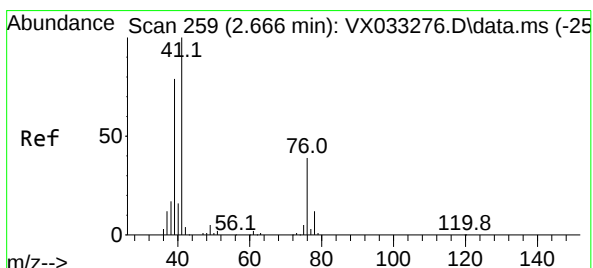
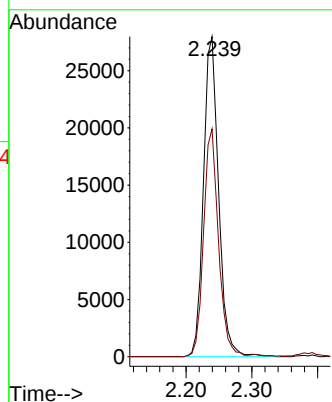
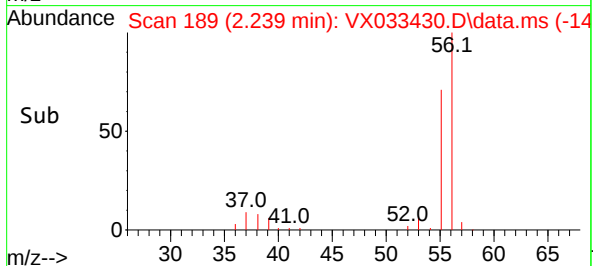
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 44660
Ion Ratio Lower Upper
56 100
55 70.1 56.9 85.3

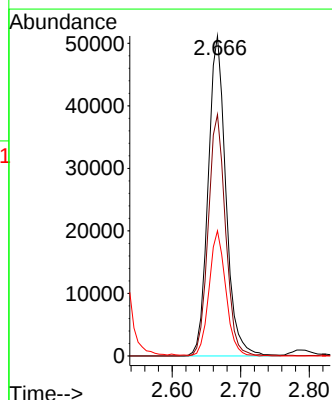
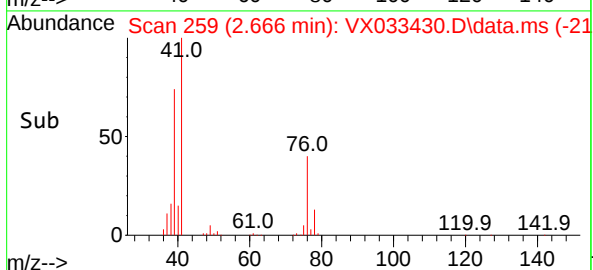
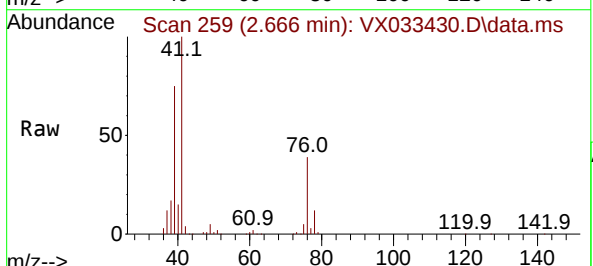
Manual Integrations
APPROVED

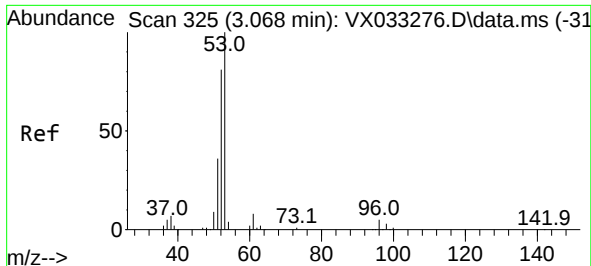
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#14
Allyl chloride
Concen: 45.680 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 41 Resp: 92103
Ion Ratio Lower Upper
41 100
39 73.4 61.4 92.2
76 36.9 29.2 43.8





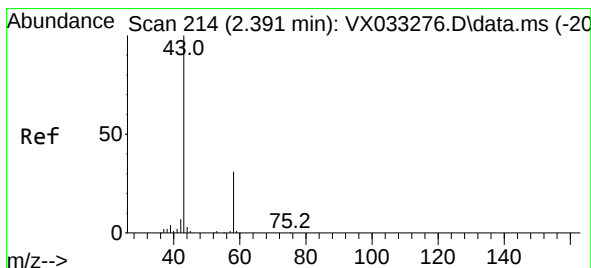
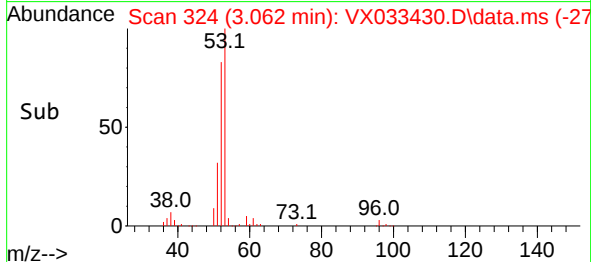
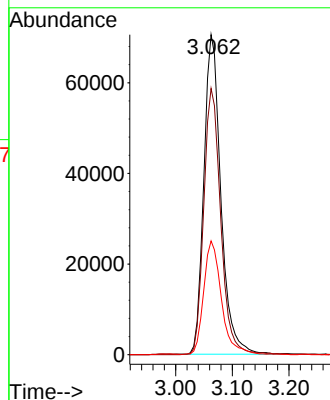
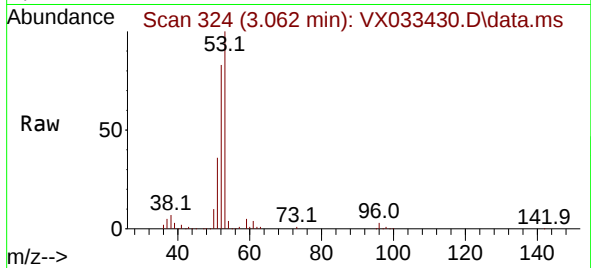
#15
Acrylonitrile
Concen: 217.703 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 147300
Ion Ratio Lower Upper
53 100
52 83.3 67.4 101.0
51 37.4 30.3 45.5

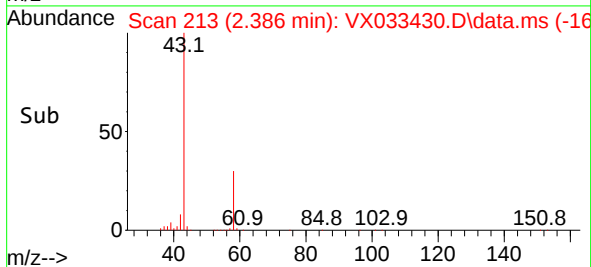
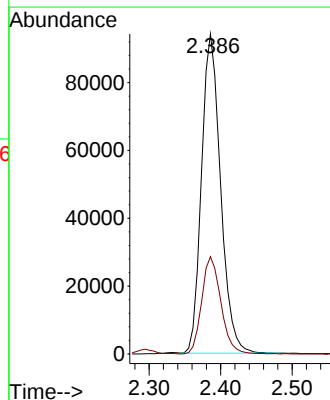
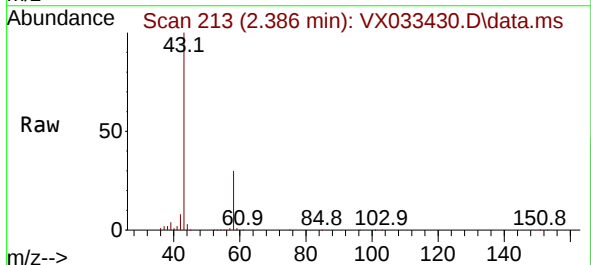
Manual Integrations
APPROVED

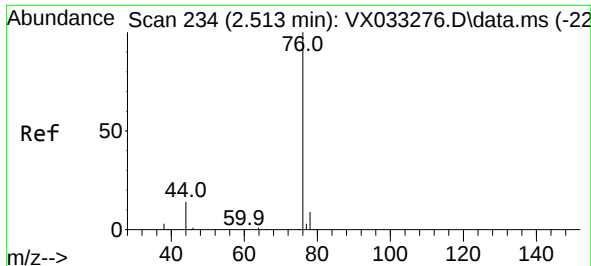
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#16
Acetone
Concen: 263.734 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 43 Resp: 174360
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8





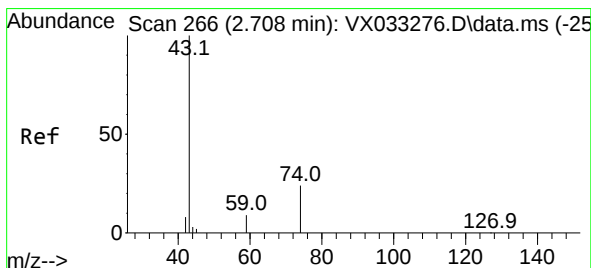
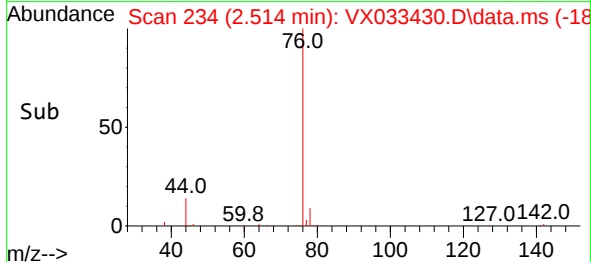
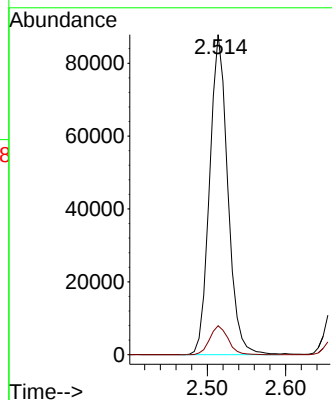
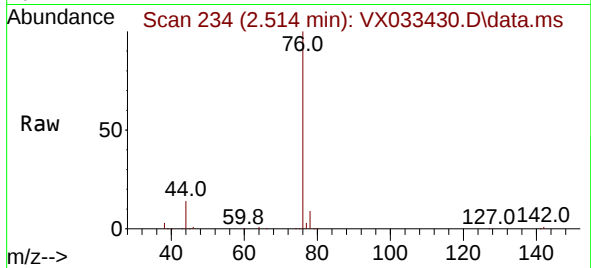
#17
Carbon Disulfide
Concen: 43.713 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 141648
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

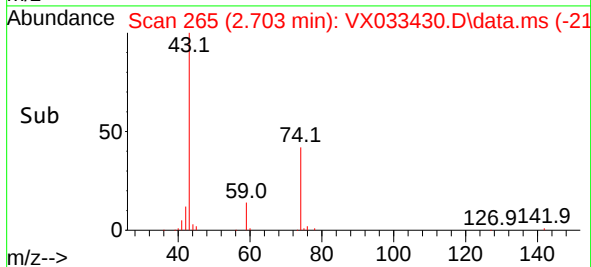
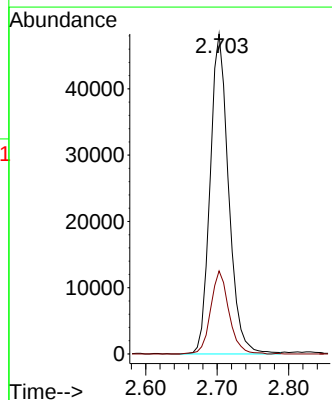
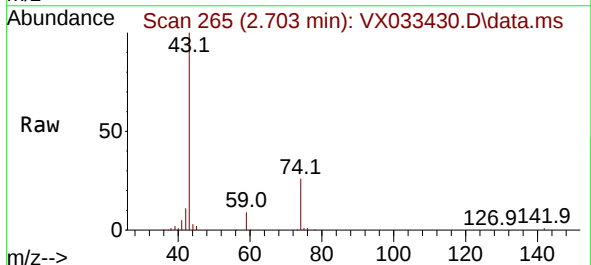
Manual Integrations
APPROVED

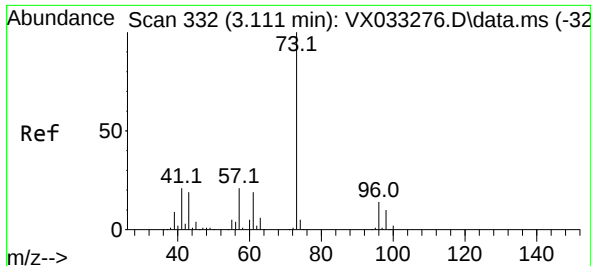
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#18
Methyl Acetate
Concen: 45.331 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 43 Resp: 86757
Ion Ratio Lower Upper
43 100
74 25.6 19.4 29.0





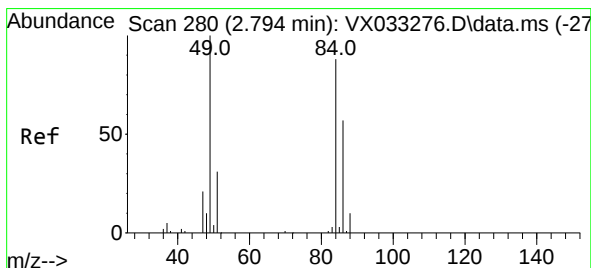
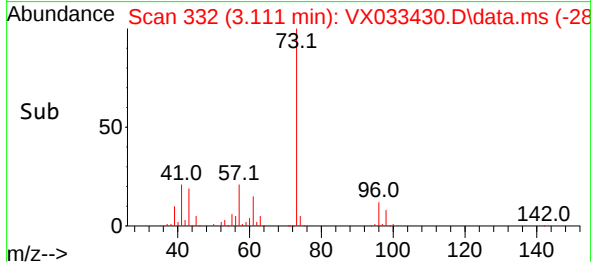
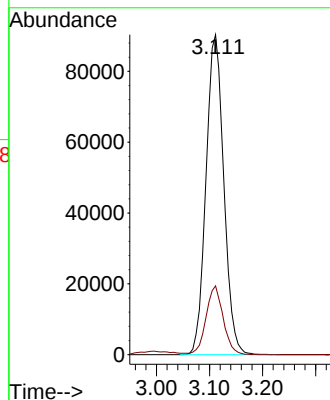
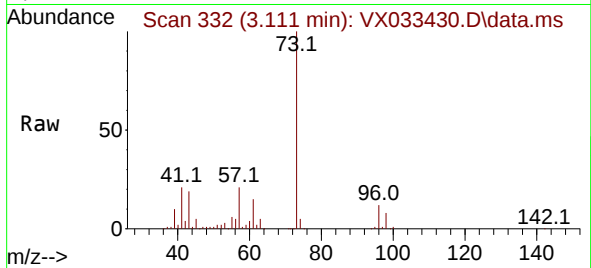
#19
Methyl tert-butyl Ether
Concen: 48.117 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21043
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0

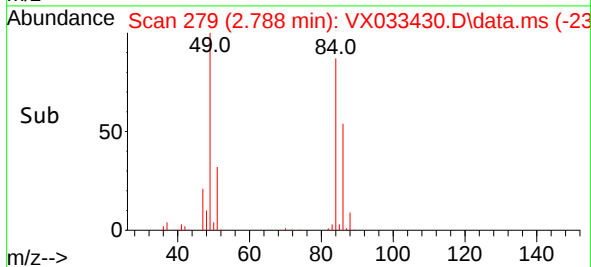
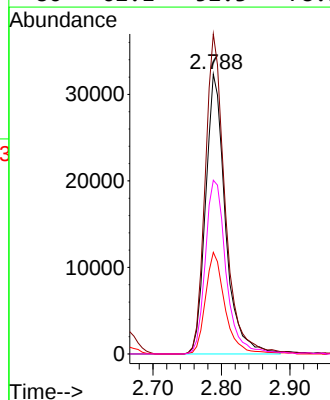
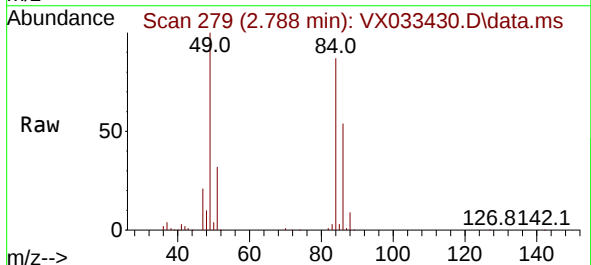
Manual Integrations
APPROVED

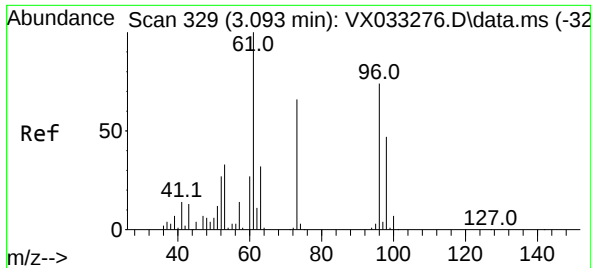
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#20
Methylene Chloride
Concen: 44.186 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 84 Resp: 65148
Ion Ratio Lower Upper
84 100
49 114.4 101.0 151.6
51 36.3 31.1 46.7
86 62.1 52.3 78.5





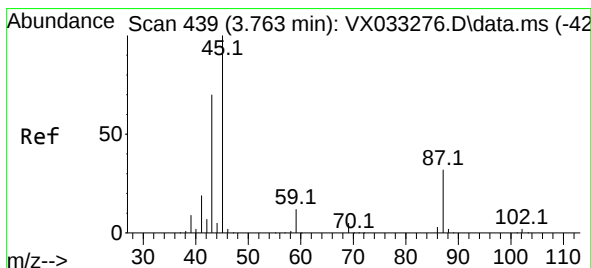
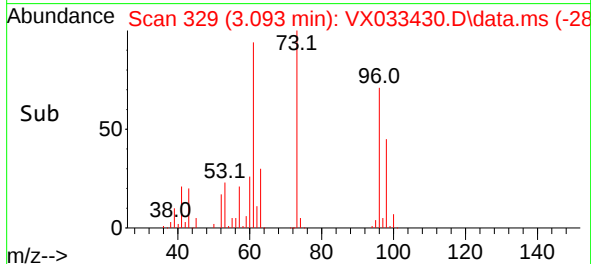
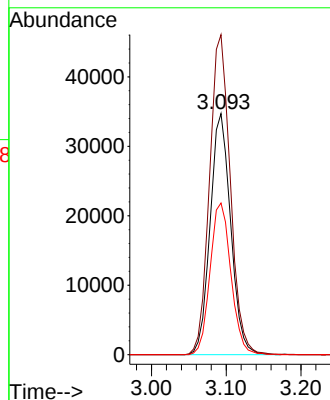
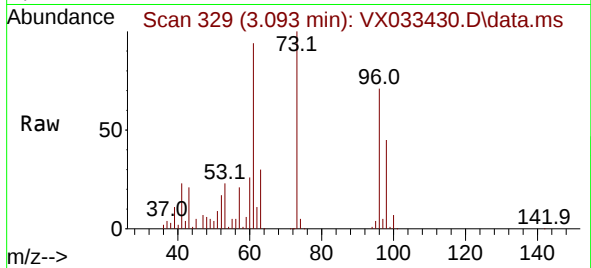
#21
trans-1,2-Dichloroethene
Concen: 47.906 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 66164
Ion Ratio Lower Upper
96 100
61 132.7 106.6 160.0
98 62.9 51.0 76.6

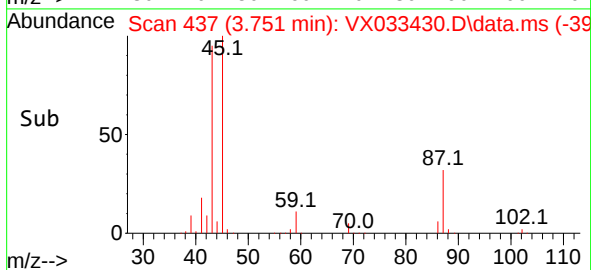
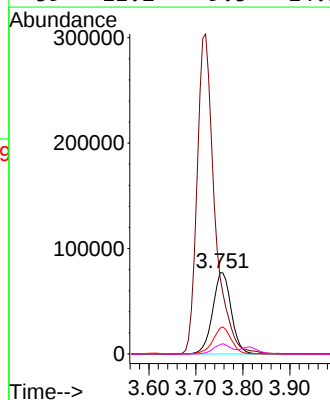
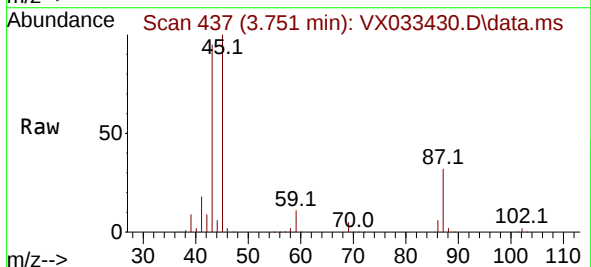
Manual Integrations
APPROVED

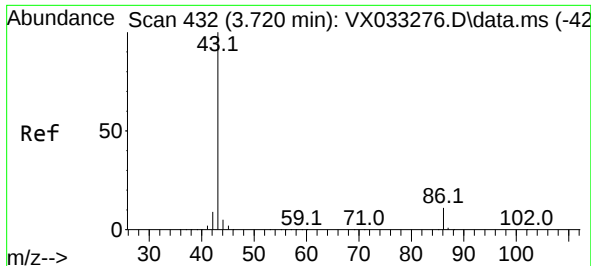
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#22
Diisopropyl ether
Concen: 49.007 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

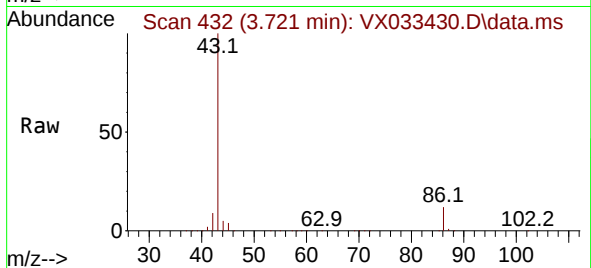
Tgt Ion: 45 Resp: 211702
Ion Ratio Lower Upper
45 100
43 94.6 56.4 84.6#
87 31.8 24.4 36.6
59 11.2 9.5 14.3





#23
 Vinyl Acetate
 Concen: 237.436 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033430.D
 Acq: 15 Dec 2022 10:10

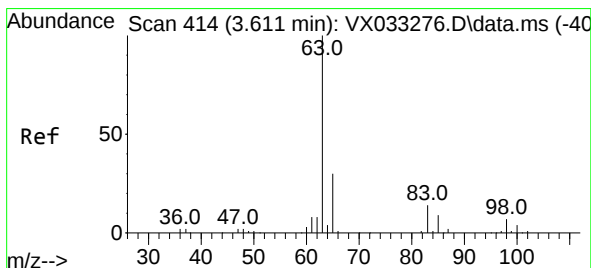
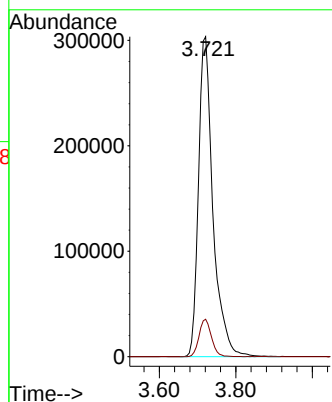
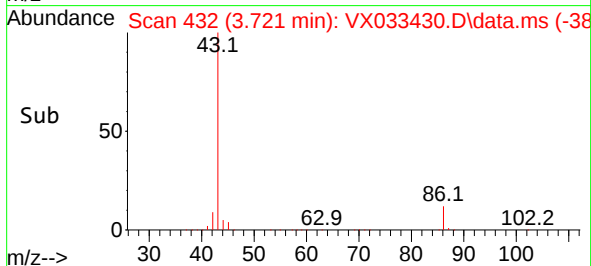
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



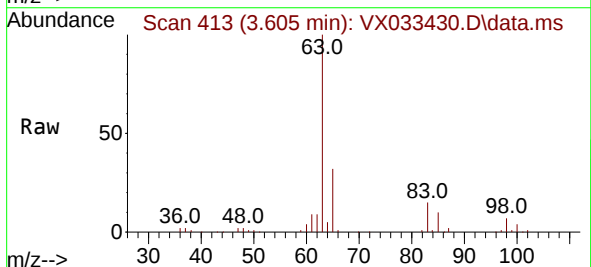
Tgt Ion: 43 Resp: 79610
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8

Manual Integrations
 APPROVED

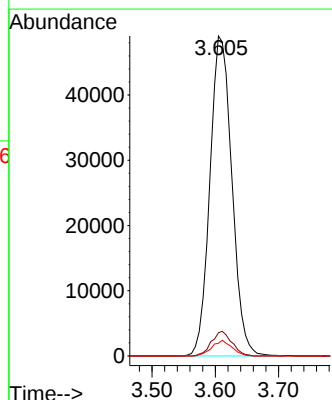
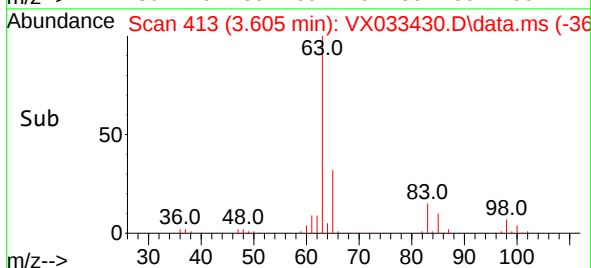
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

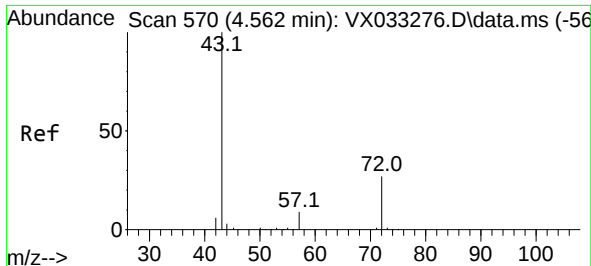


#24
 1,1-Dichloroethane
 Concen: 46.634 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033430.D
 Acq: 15 Dec 2022 10:10



Tgt Ion: 63 Resp: 118365
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.0 2.3 6.8





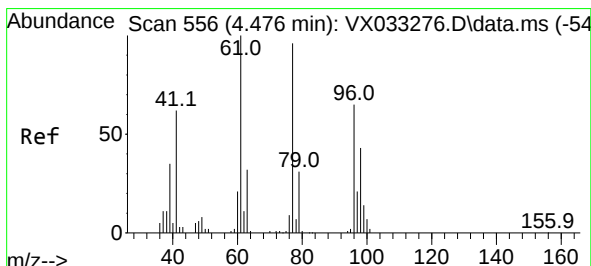
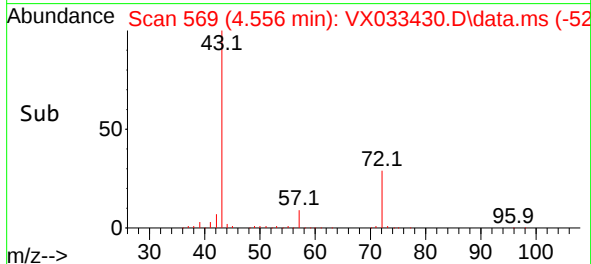
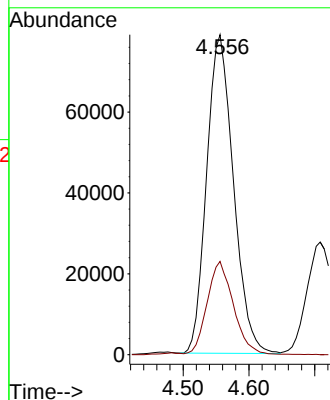
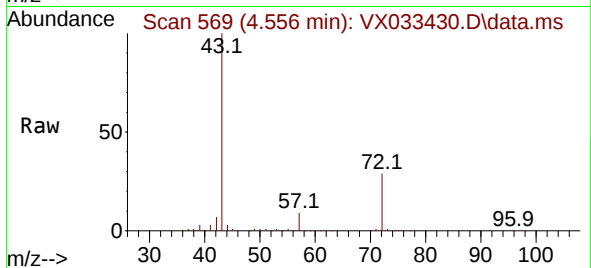
#25
2-Butanone
Concen: 235.335 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 223330
Ion Ratio Lower Upper
43 100
72 29.2 22.2 33.2

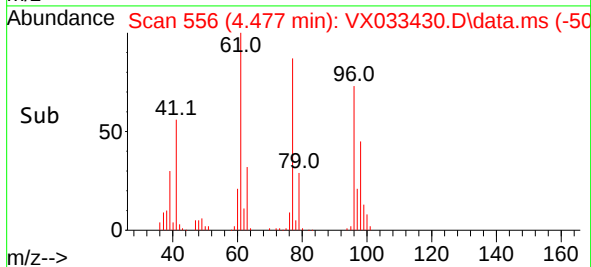
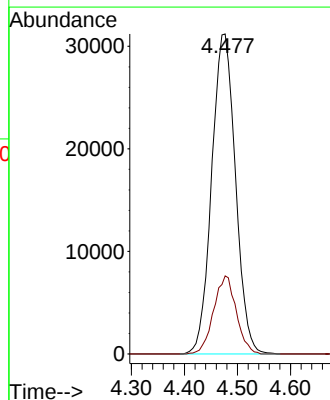
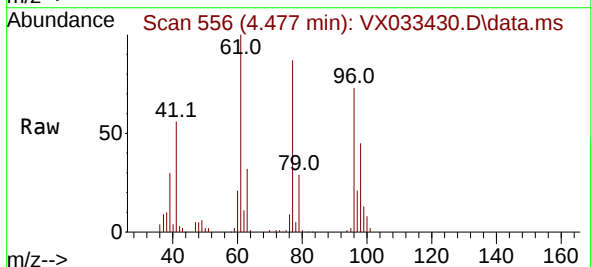
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#26
2,2-Dichloropropane
Concen: 52.038 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 77 Resp: 97132
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.154 ug/l

RT: 4.483 min Scan# 511

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8113

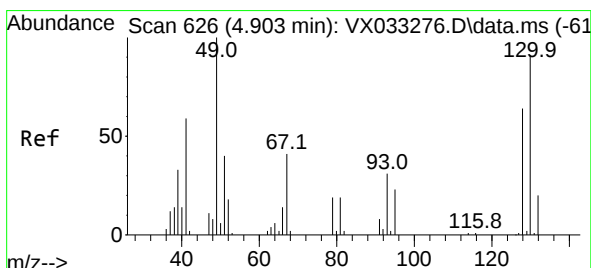
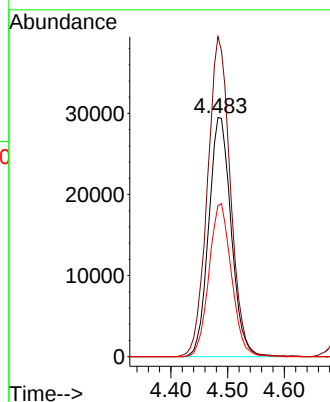
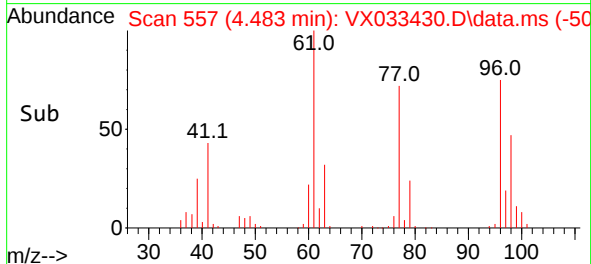
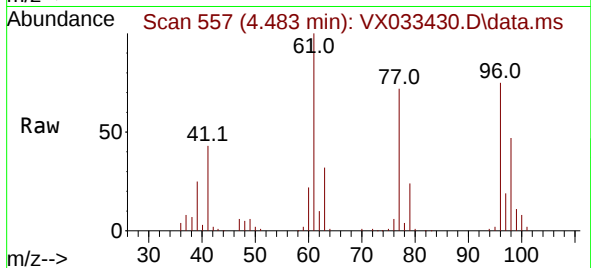
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	286.0
98	64.1	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#28

Bromochloromethane

Concen: 48.028 ug/l

RT: 4.891 min Scan# 624

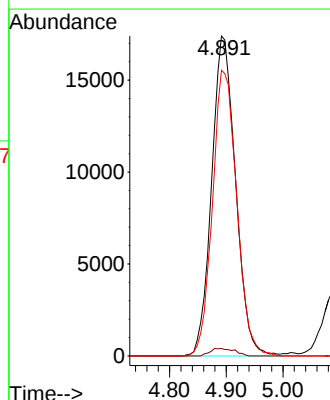
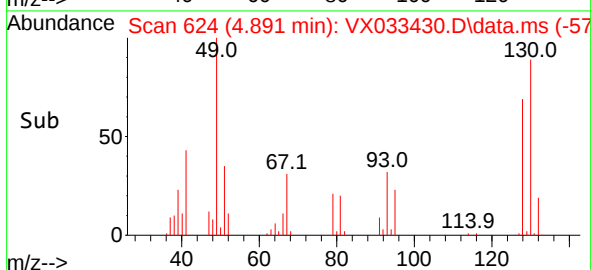
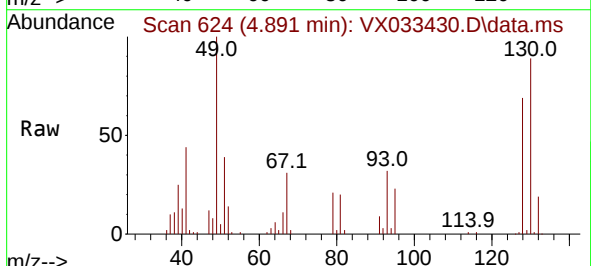
Delta R.T. -0.012 min

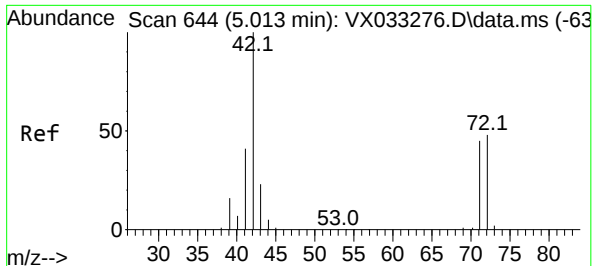
Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Tgt Ion: 49 Resp: 51029

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	90.5	67.5	101.3





#29

Tetrahydrofuran

Concen: 215.085 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 132249

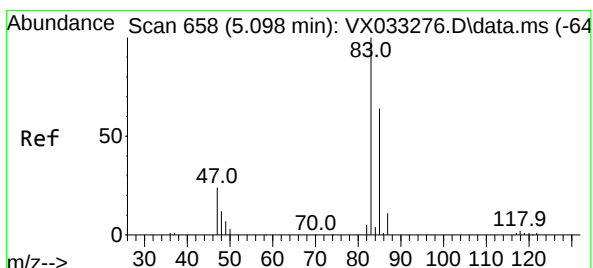
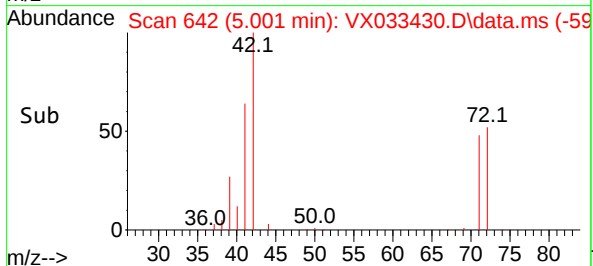
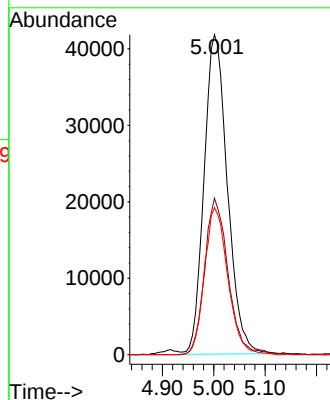
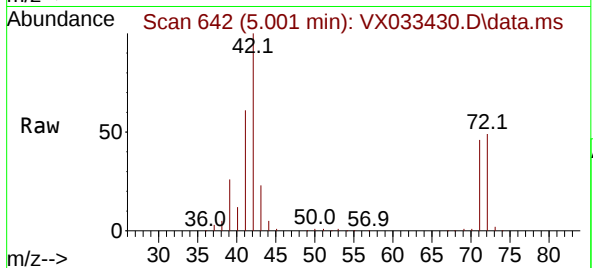
Ion	Ratio	Lower	Upper
42	100		
72	49.2	37.6	56.4
71	46.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#30

Chloroform

Concen: 49.069 ug/l

RT: 5.086 min Scan# 656

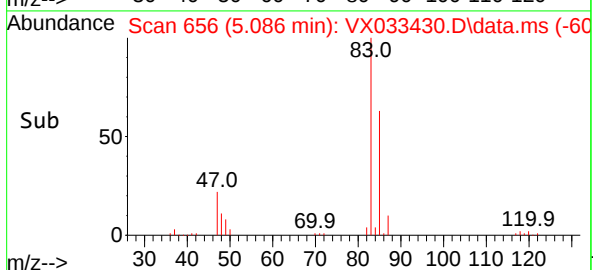
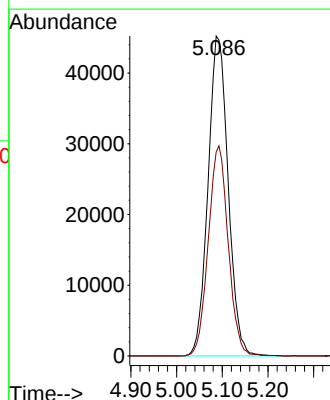
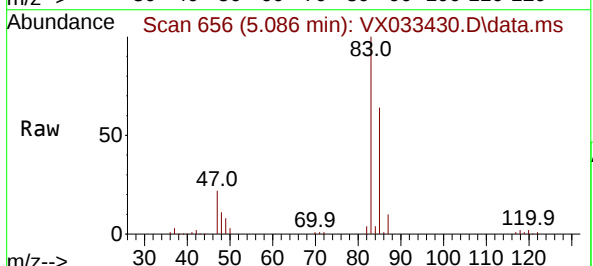
Delta R.T. -0.012 min

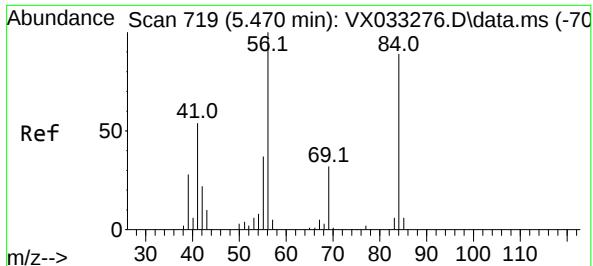
Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Tgt Ion: 83 Resp: 138266

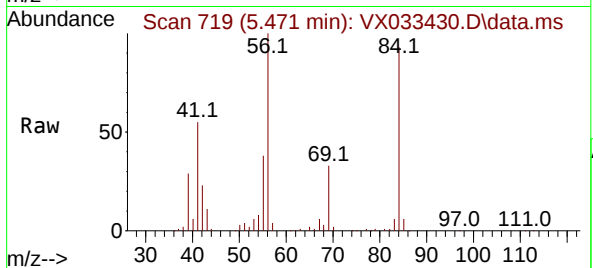
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.1	76.7





#31
Cyclohexane
Concen: 49.051 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

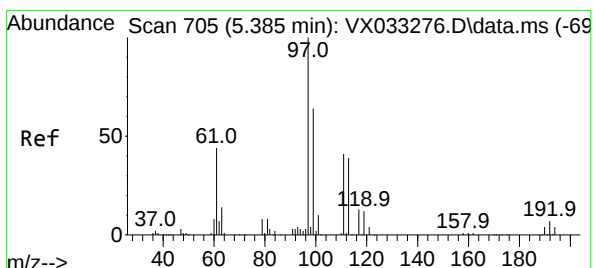
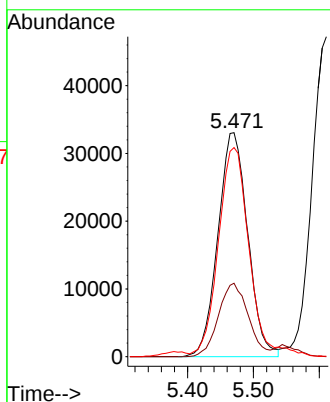
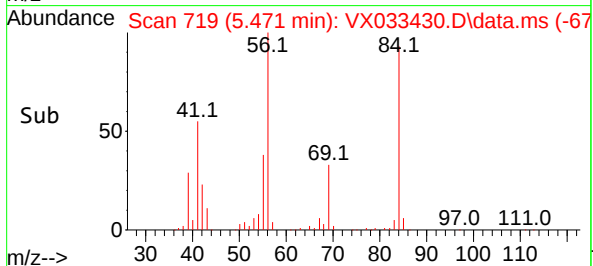
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



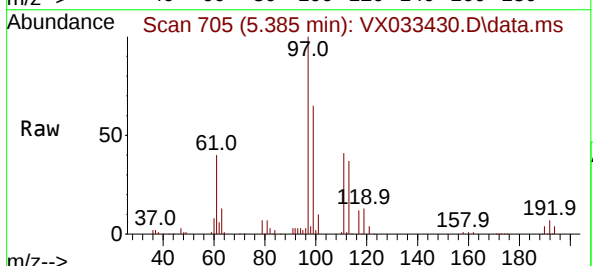
Tgt Ion: 56 Resp: 10415
Ion Ratio Lower Upper
56 100
69 32.8 24.1 36.1
84 91.3 66.9 100.3

Manual Integrations
APPROVED

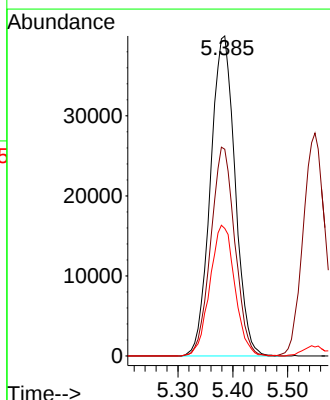
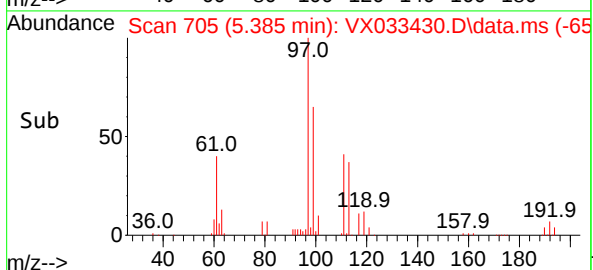
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

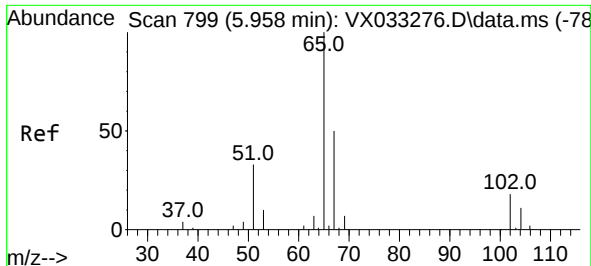


#32
1,1,1-Trichloroethane
Concen: 51.371 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



Tgt Ion: 97 Resp: 124544
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 41.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 42.623 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 3808

Ion Ratio Lower Upper

65 100

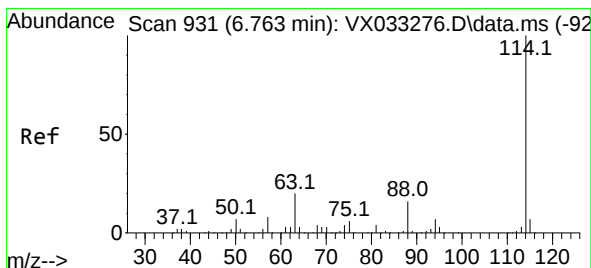
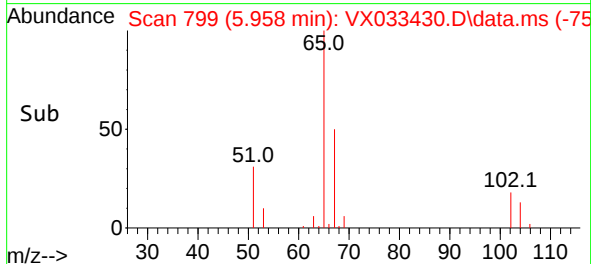
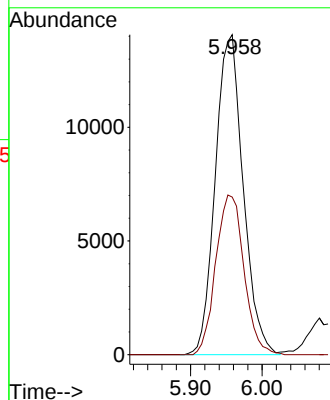
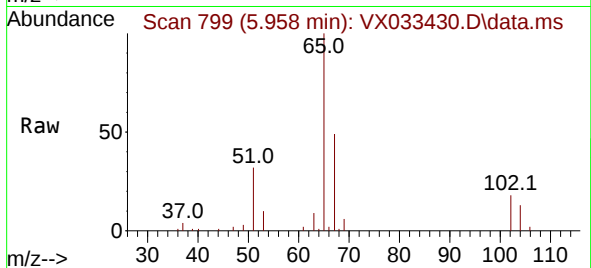
67 50.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

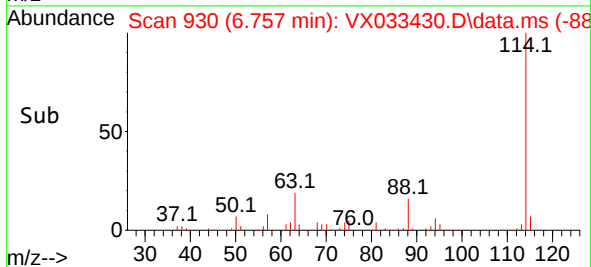
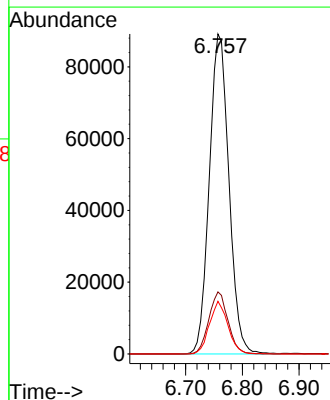
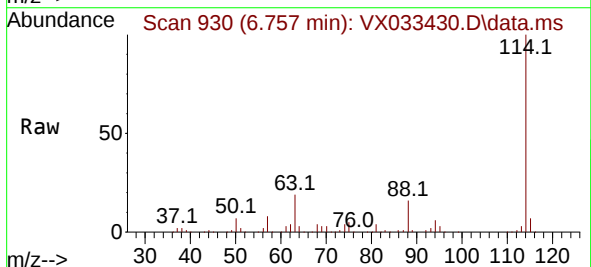
Tgt Ion:114 Resp: 214327

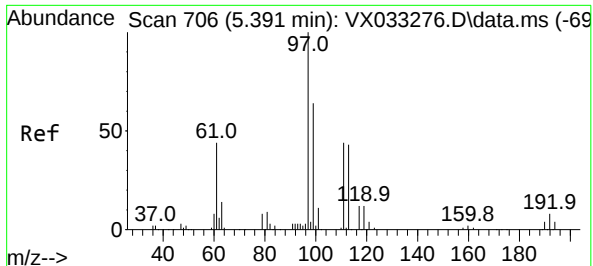
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.257 ug/l

RT: 5.379 min Scan# 706

Delta R.T. -0.012 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 44592

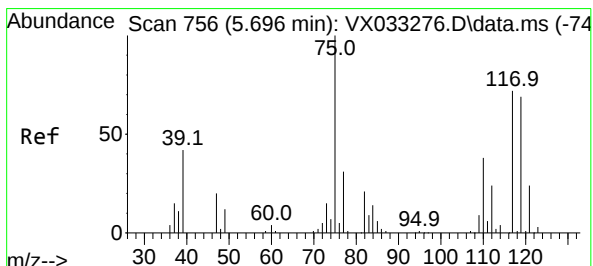
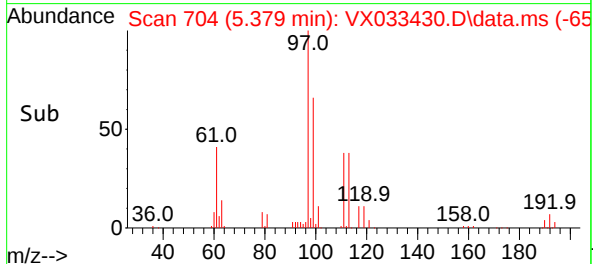
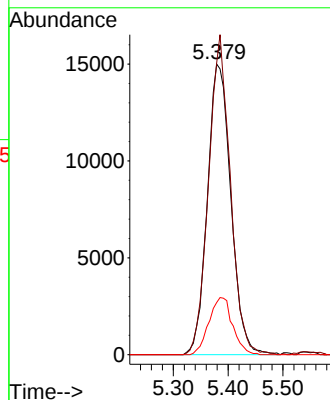
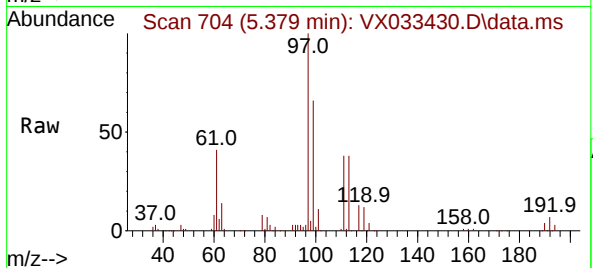
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	19.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#36

1,1-Dichloropropene

Concen: 51.308 ug/l

RT: 5.690 min Scan# 755

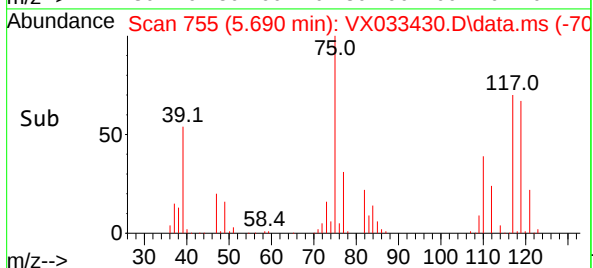
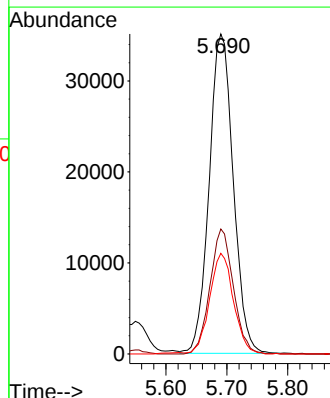
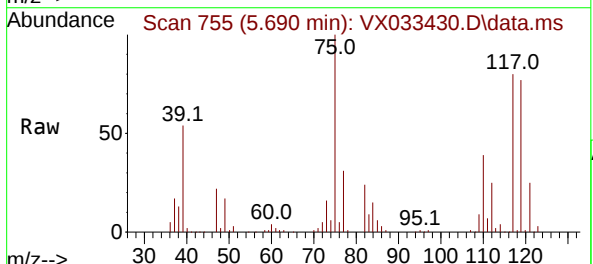
Delta R.T. -0.006 min

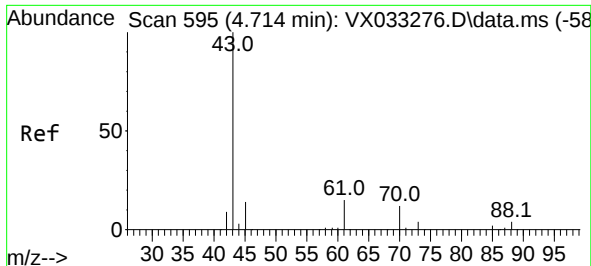
Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Tgt Ion: 75 Resp: 96432

Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.4	55.2
77	31.2	24.5	36.7





#37

Ethyl Acetate

Concen: 45.696 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

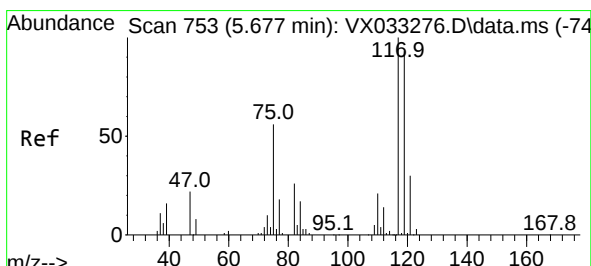
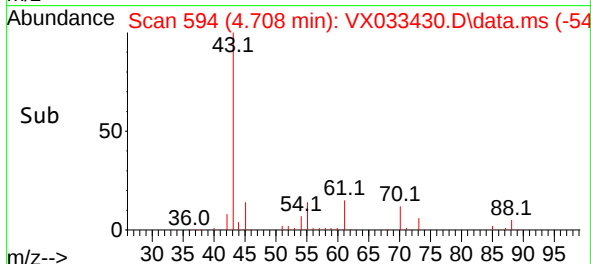
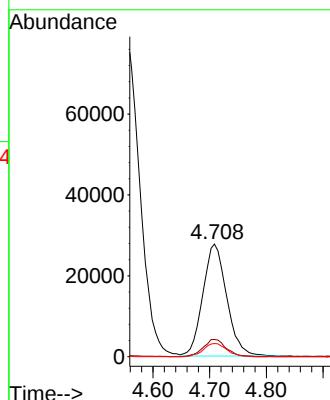
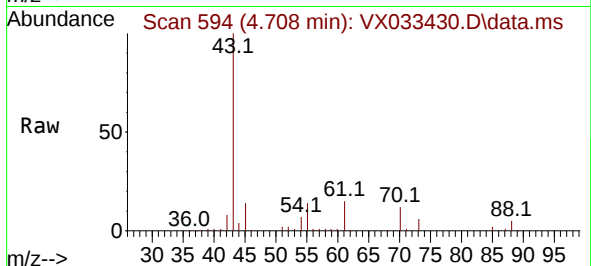
Tgt Ion: 43	Resp: 8118
Ion Ratio	Lower Upper
43	100
61	14.8 11.5 17.3
70	11.5 9.1 13.7

Manual Integrations

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Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#38

Carbon Tetrachloride

Concen: 52.107 ug/l

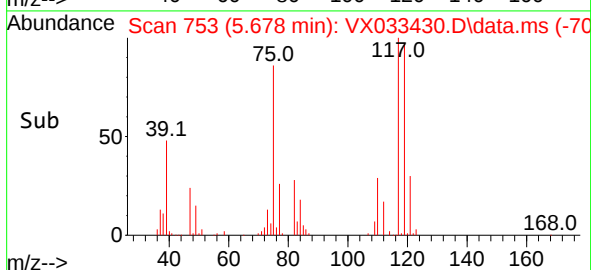
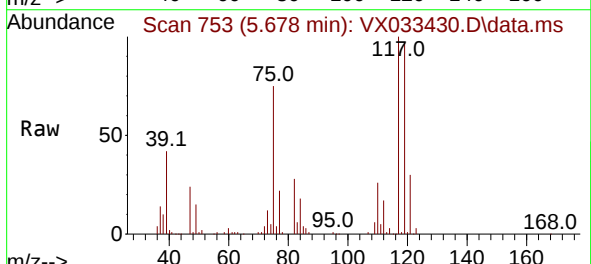
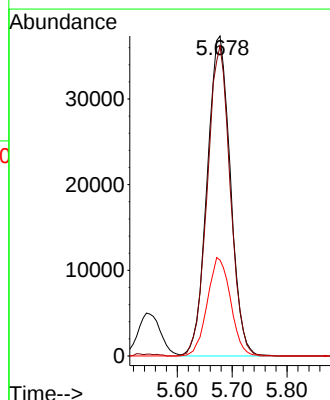
RT: 5.678 min Scan# 753

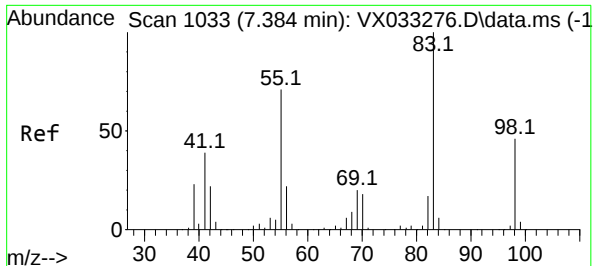
Delta R.T. 0.000 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Tgt Ion:117	Resp: 109727
Ion Ratio	Lower Upper
117	100
119	97.0 77.2 115.8
121	30.0 25.8 38.6





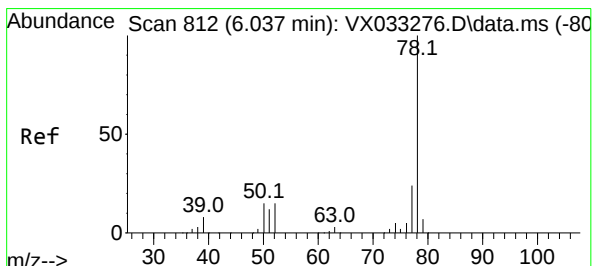
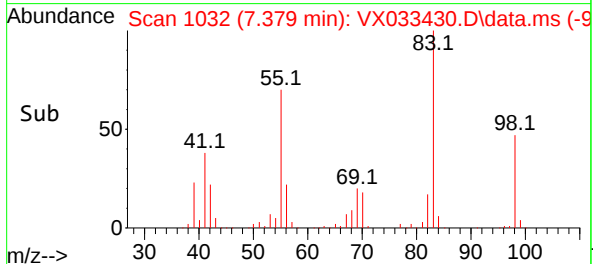
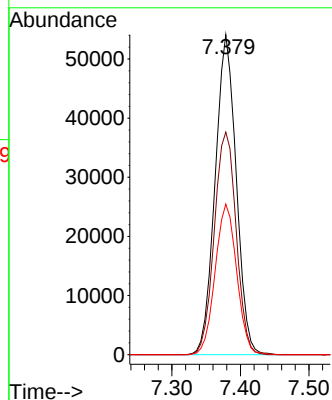
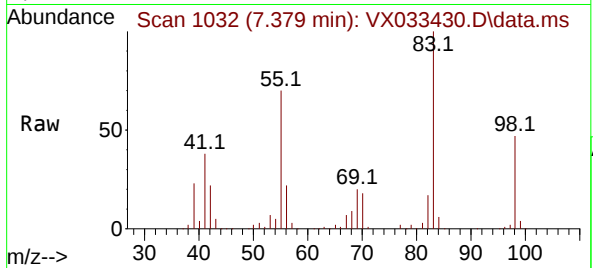
#39
Methylcyclohexane
Concen: 54.993 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 115689
Ion Ratio Lower Upper
83 100
55 69.5 58.4 87.6
98 47.0 37.2 55.8

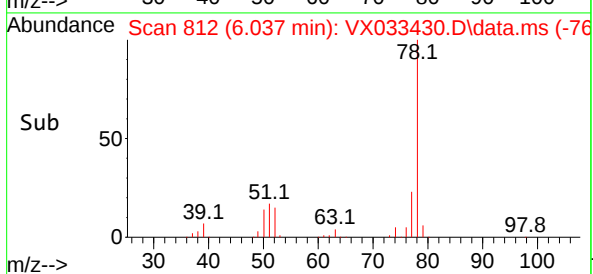
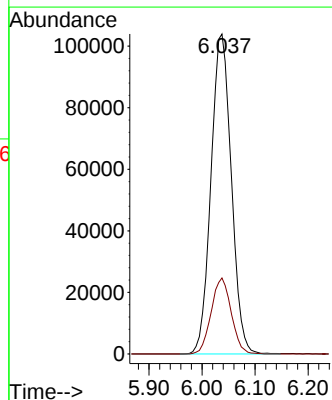
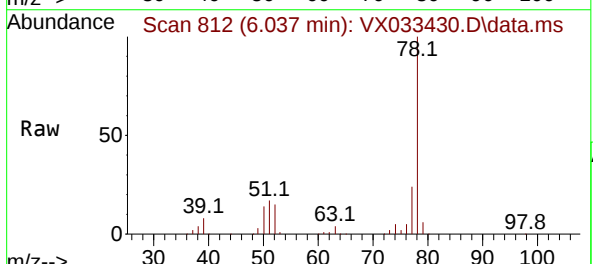
Manual Integrations
APPROVED

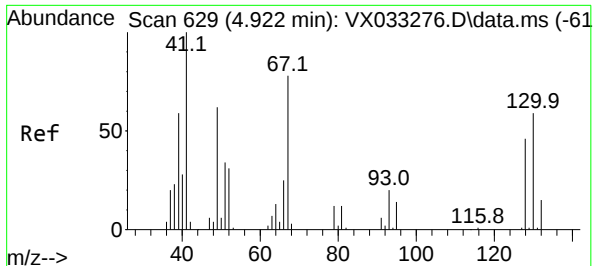
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#40
Benzene
Concen: 50.524 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

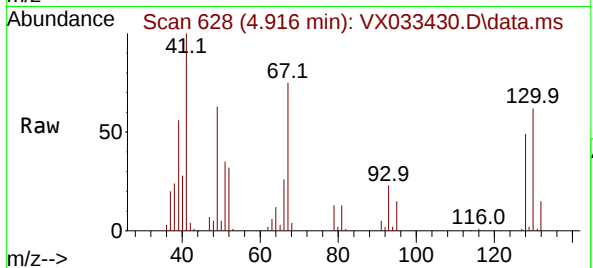
Tgt Ion: 78 Resp: 276871
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 47.333 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

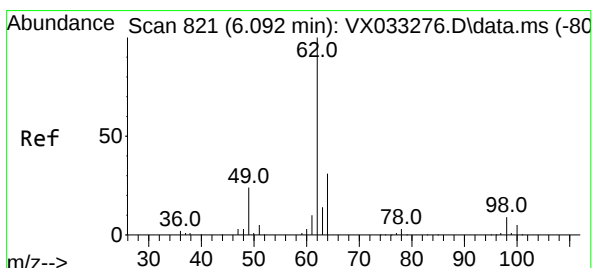
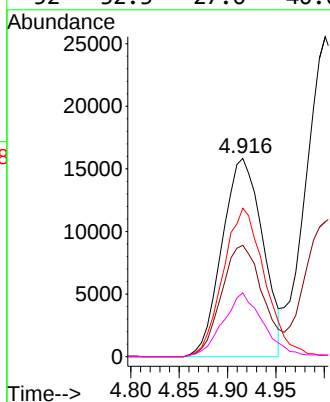
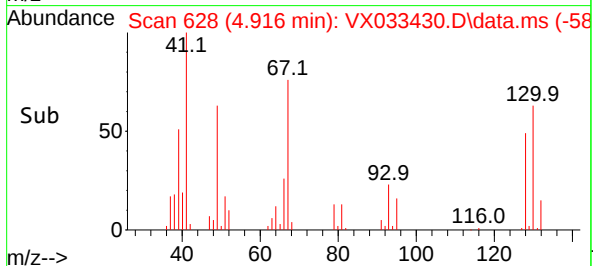
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	46339
Ion Ratio	100	Lower	Upper
39	57.9	47.5	71.3
67	77.1	60.5	90.7
52	32.3	27.0	40.6

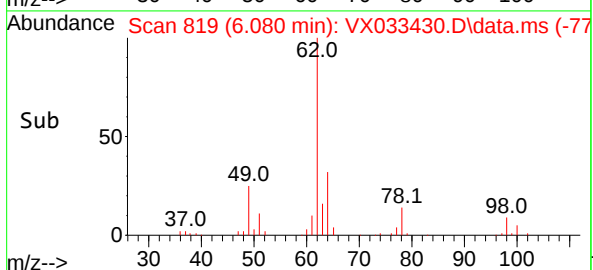
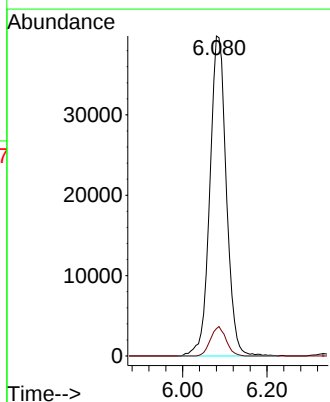
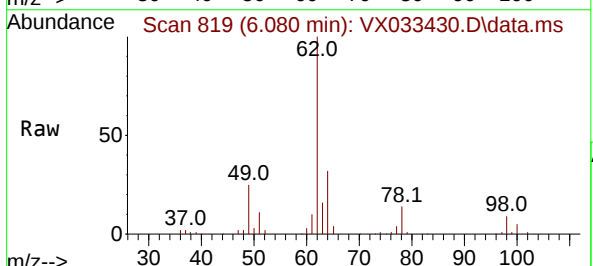
Manual Integrations
APPROVED

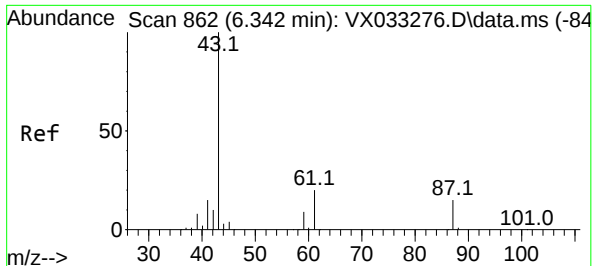
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#42
1,2-Dichloroethane
Concen: 49.784 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

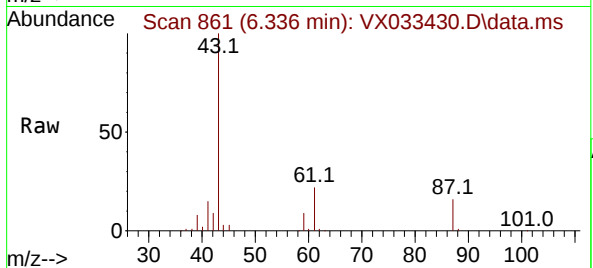
Tgt Ion:	62	Resp:	108334
Ion Ratio	100	Lower	Upper
98	8.7	0.0	16.0





#43
Isopropyl Acetate
Concen: 47.844 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

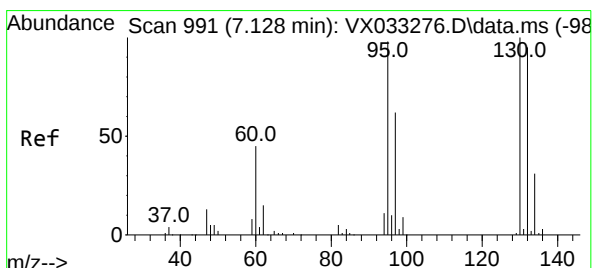
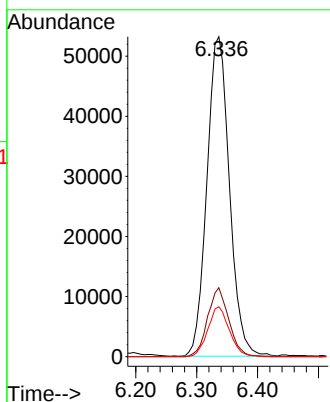
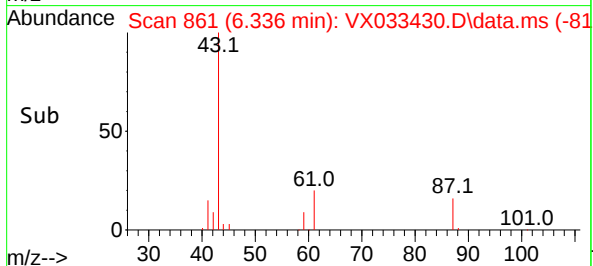
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 136769
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 14.9 10.8 16.2

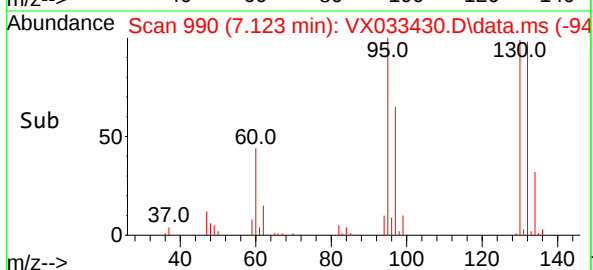
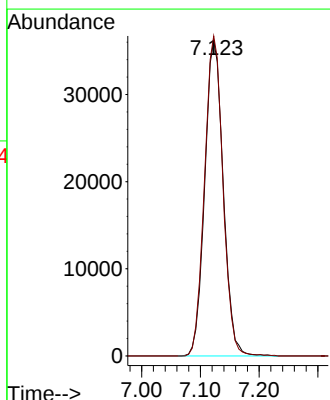
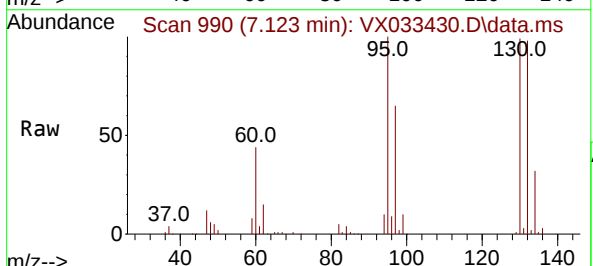
Manual Integrations
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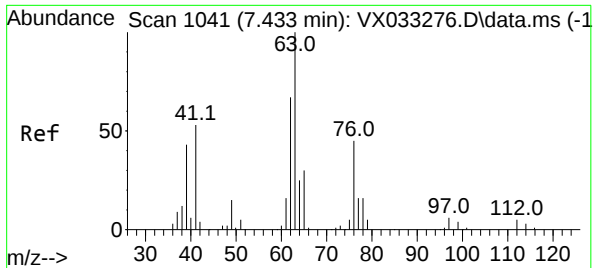
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#44
Trichloroethene
Concen: 52.390 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion:130 Resp: 79155
Ion Ratio Lower Upper
130 100
95 101.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 50.412 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7065

Ion Ratio Lower Upper

63 100

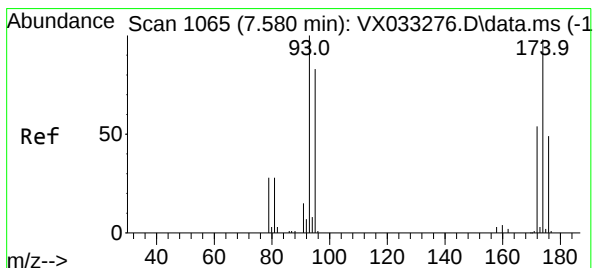
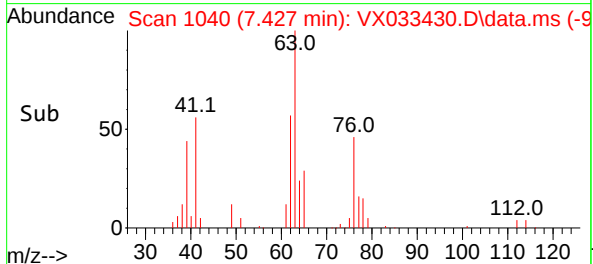
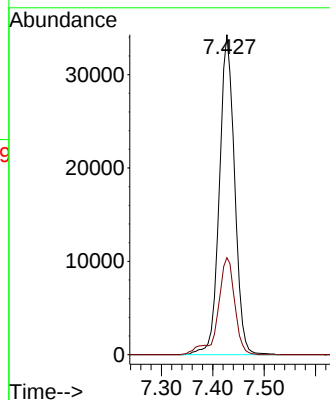
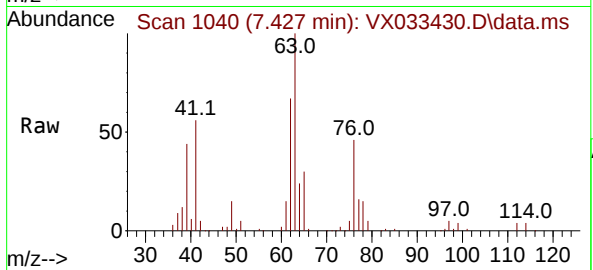
65 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#46

Dibromomethane

Concen: 50.361 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

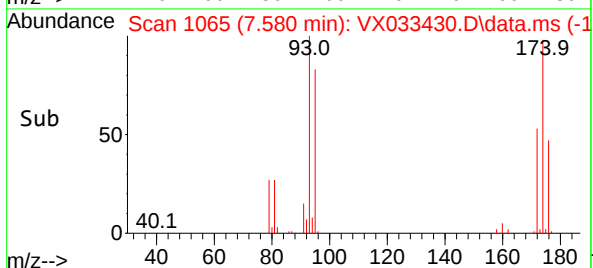
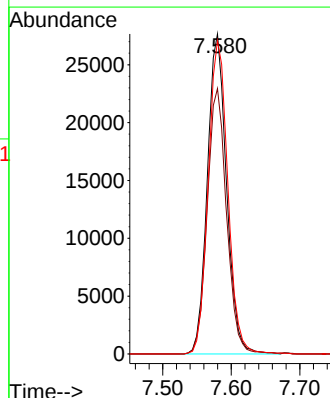
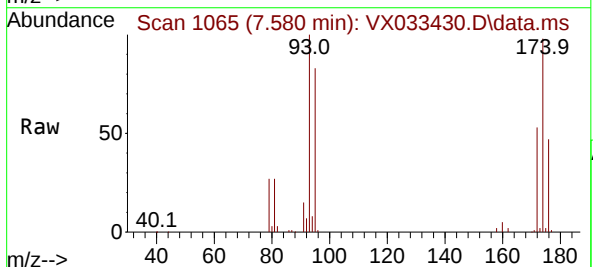
Tgt Ion: 93 Resp: 53766

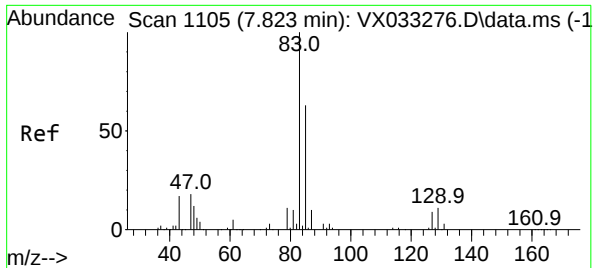
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.8

174 100.3 79.8 119.6





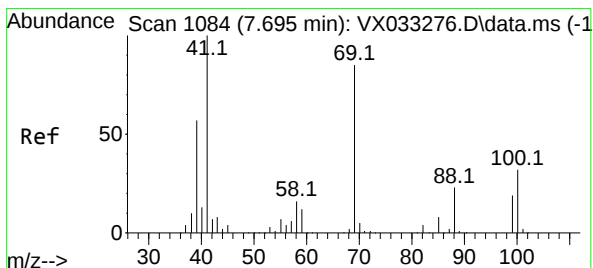
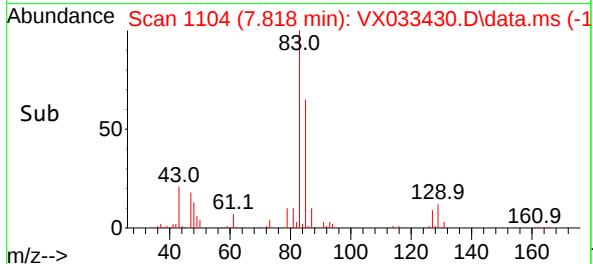
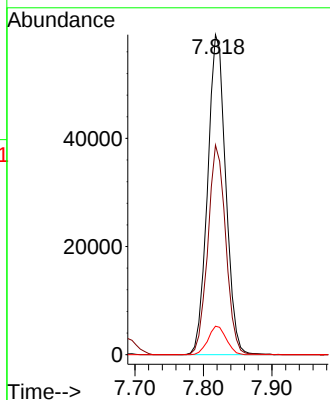
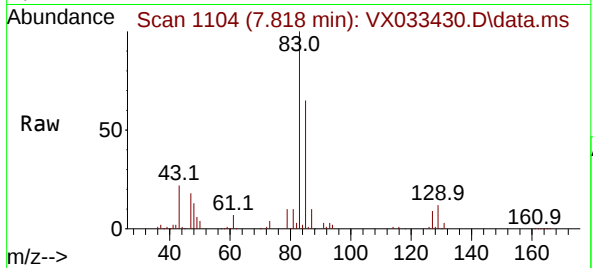
#47
Bromodichloromethane
Concen: 52.352 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 108950
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4
127 8.9 7.4 11.2

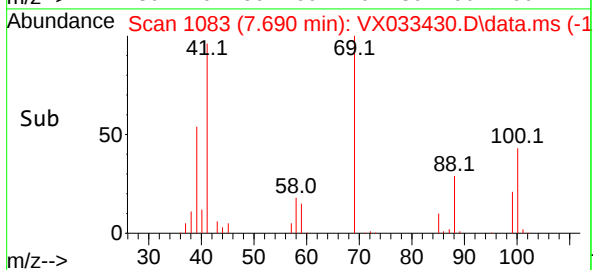
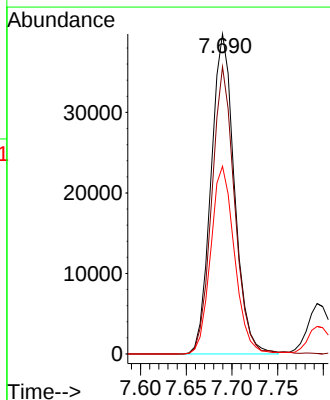
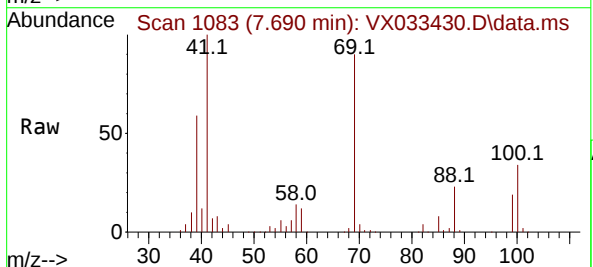
Manual Integrations
APPROVED

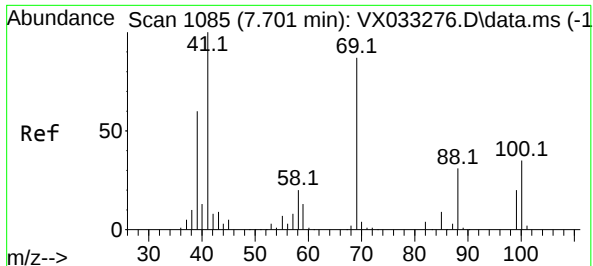
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#48
Methyl methacrylate
Concen: 47.923 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 41 Resp: 70703
Ion Ratio Lower Upper
41 100
69 87.8 65.1 97.7
39 59.8 51.9 77.9





#49

1,4-Dioxane

Concen: 884.207 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2974

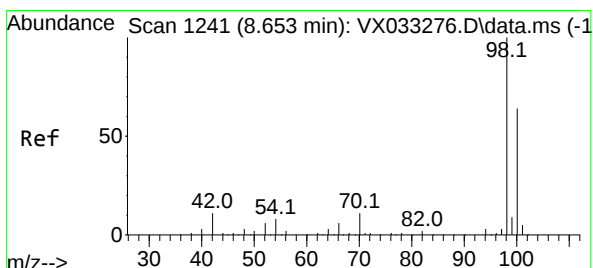
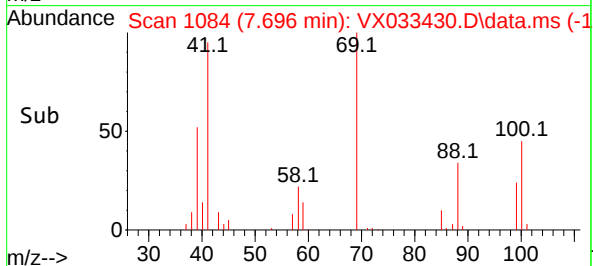
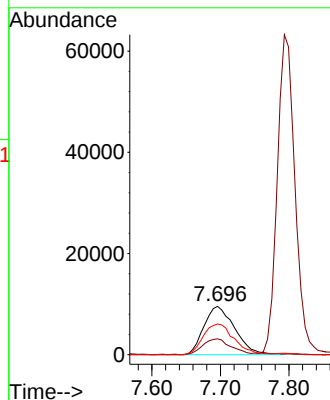
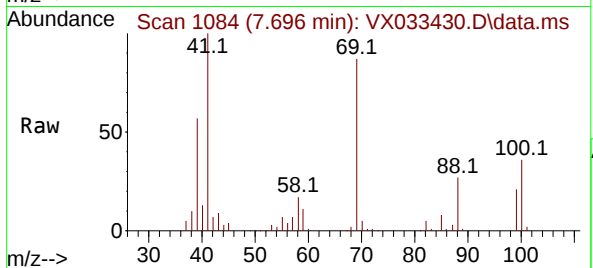
Ion	Ratio	Lower	Upper
88	100		
43	30.2	26.6	39.8
58	63.8	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#50

Toluene-d8

Concen: 48.378 ug/l

RT: 8.647 min Scan# 1240

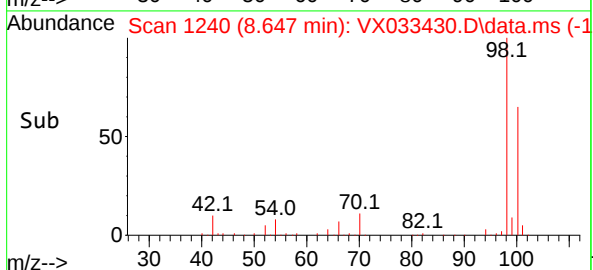
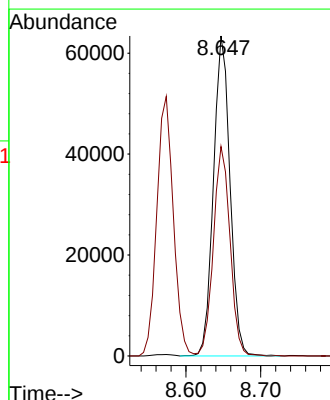
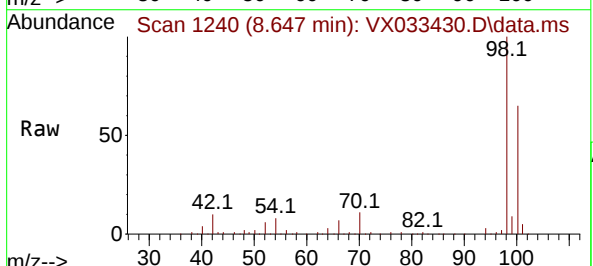
Delta R.T. -0.006 min

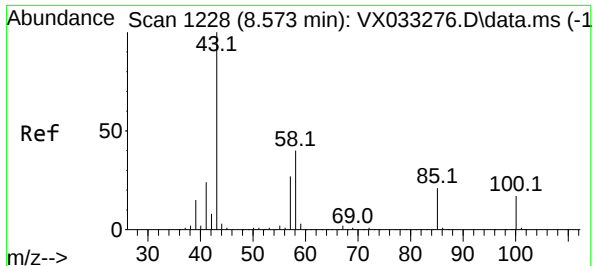
Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Tgt Ion: 98 Resp: 97560

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.9	76.3





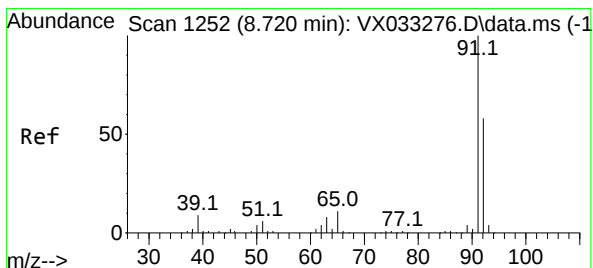
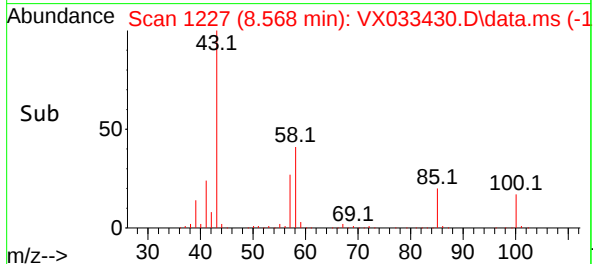
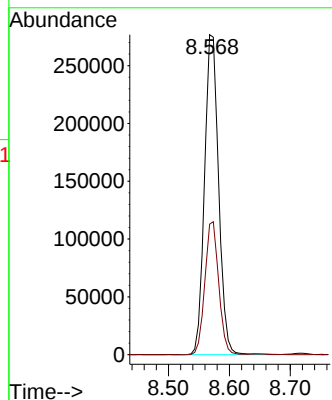
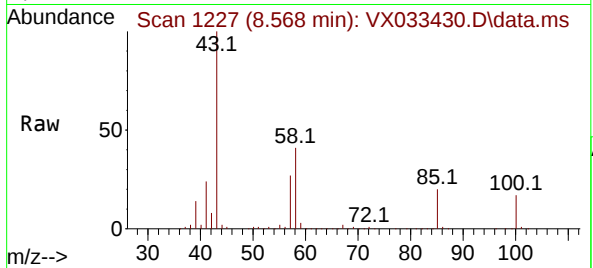
#51
4-Methyl-2-Pentanone
Concen: 246.435 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 44549
Ion Ratio Lower Upper
43 100
58 40.8 30.9 46.3

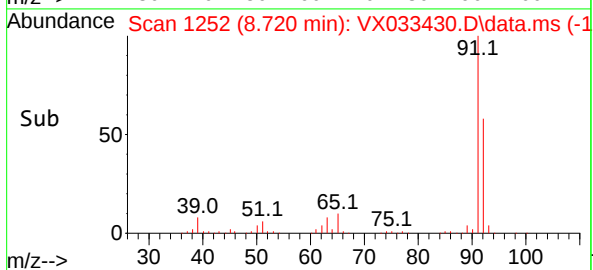
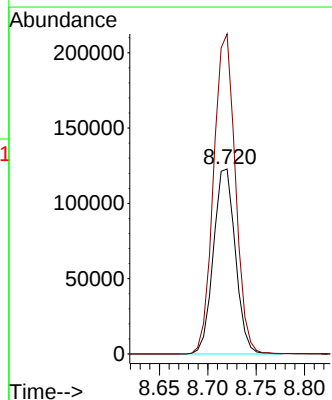
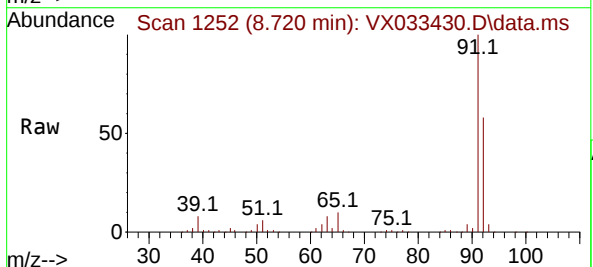
Manual Integrations
APPROVED

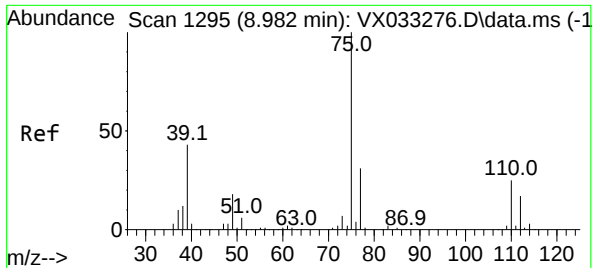
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#52
Toluene
Concen: 54.761 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 92 Resp: 194022
Ion Ratio Lower Upper
92 100
91 171.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 49.141 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 10976

Ion Ratio Lower Upper

75 100

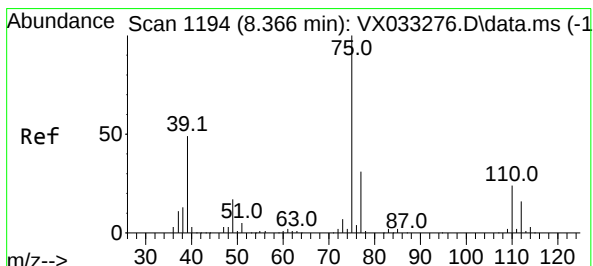
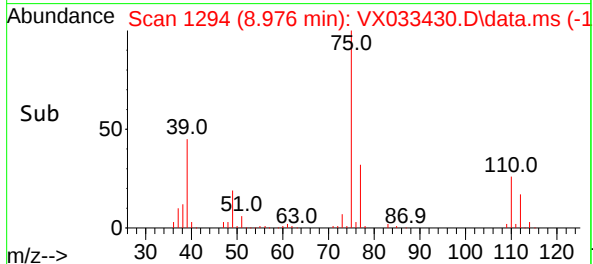
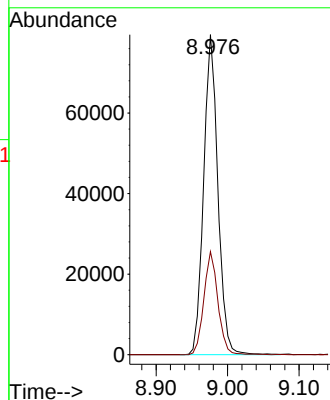
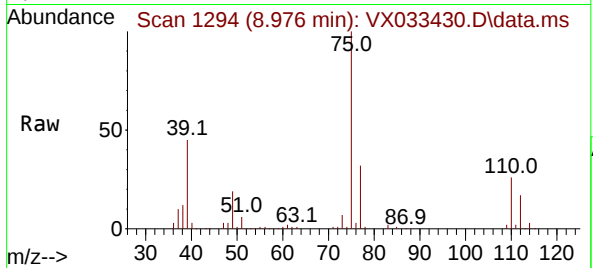
77 32.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#54

cis-1,3-Dichloropropene

Concen: 53.138 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

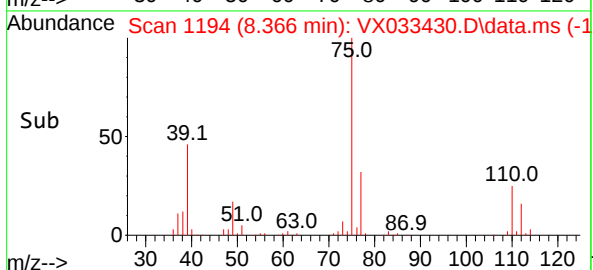
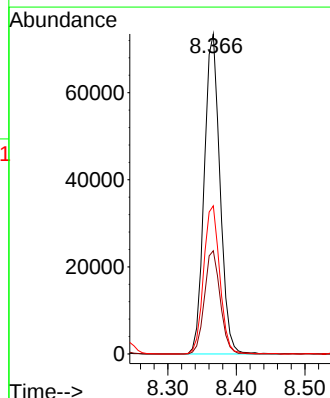
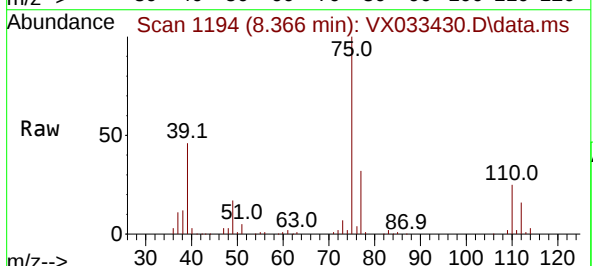
Tgt Ion: 75 Resp: 117676

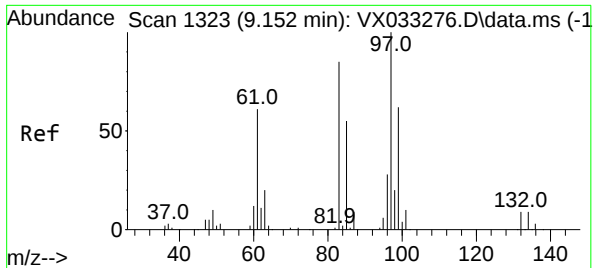
Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

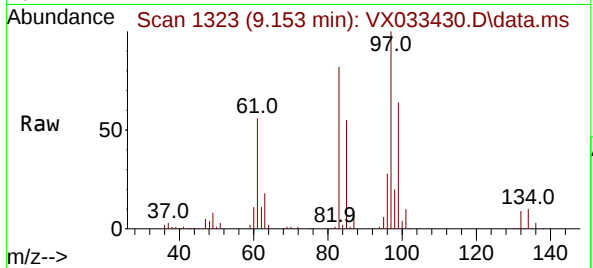
39 46.3 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 52.574 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

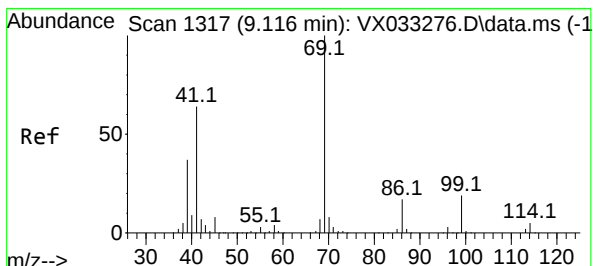
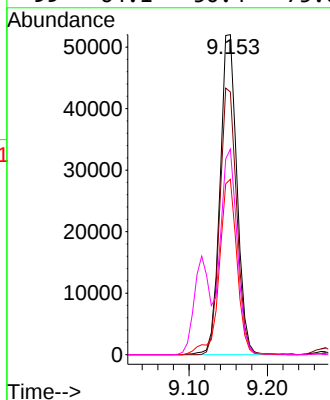
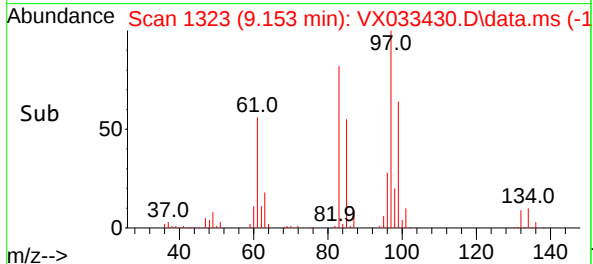
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



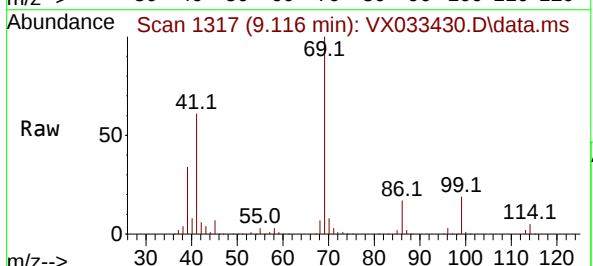
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.1	102.1
85	54.8	43.3	64.9
99	64.1	50.4	75.6

Manual Integrations
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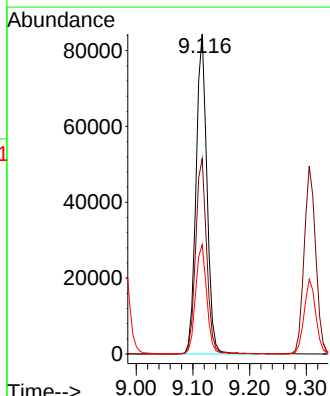
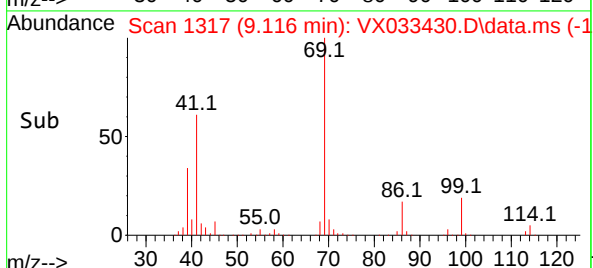
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

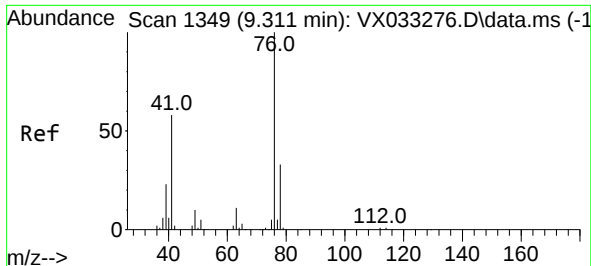


#56
Ethyl methacrylate
Concen: 53.687 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	54.3	81.5
39	34.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 52.677 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 126034

Ion Ratio Lower Upper

76 100

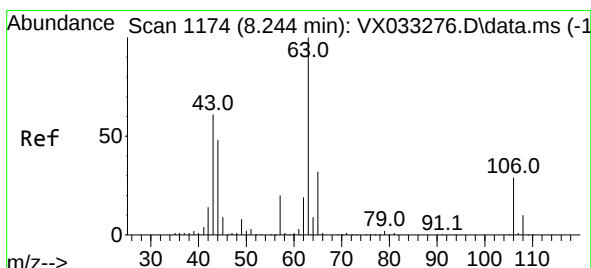
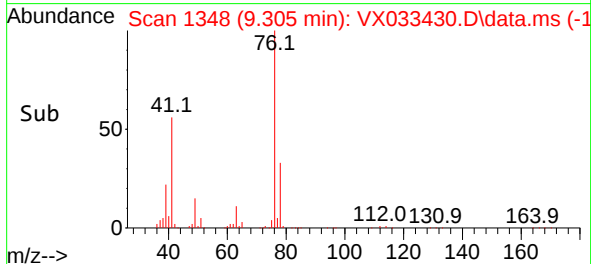
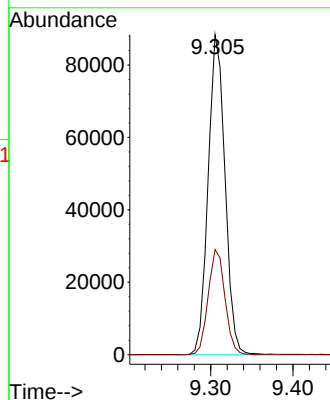
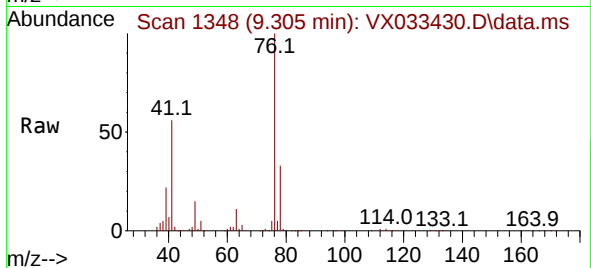
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 238.862 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033430.D

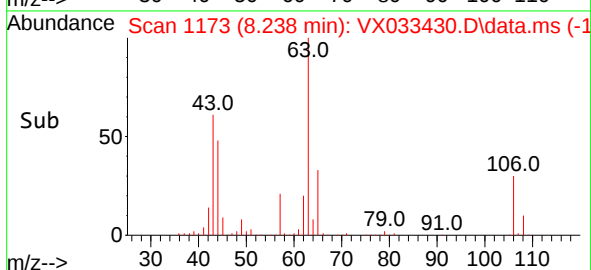
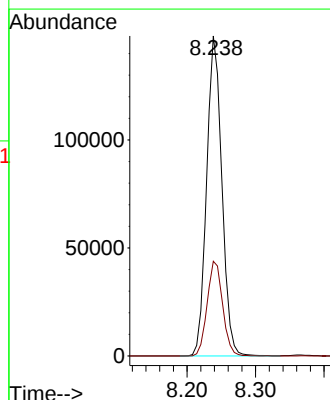
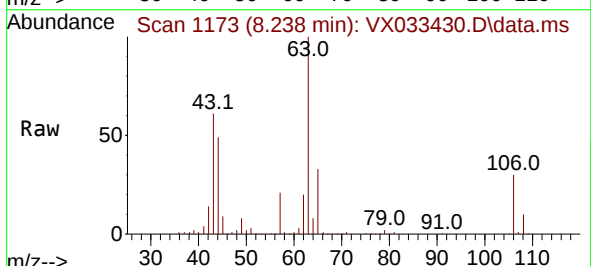
Acq: 15 Dec 2022 10:10

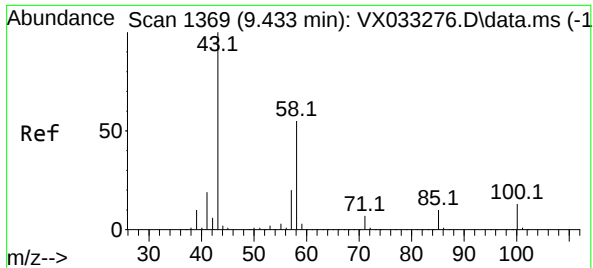
Tgt Ion: 63 Resp: 229186

Ion Ratio Lower Upper

63 100

106 30.1 23.3 34.9





#59

2-Hexanone

Concen: 255.739 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 340694

Ion Ratio Lower Upper

43 100

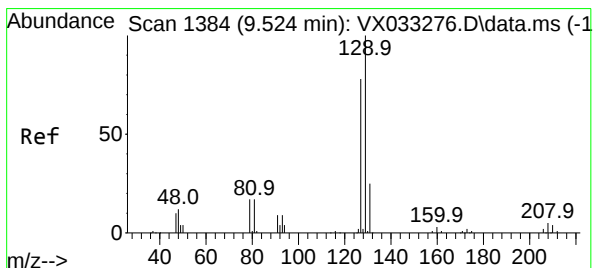
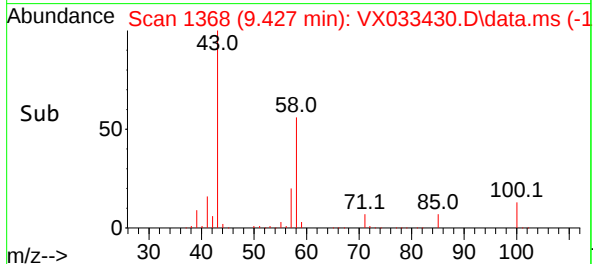
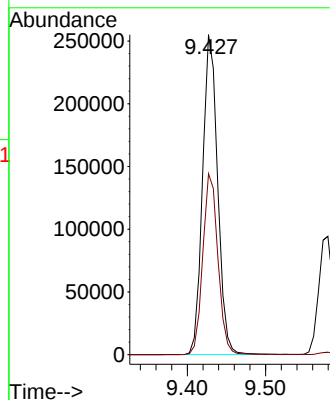
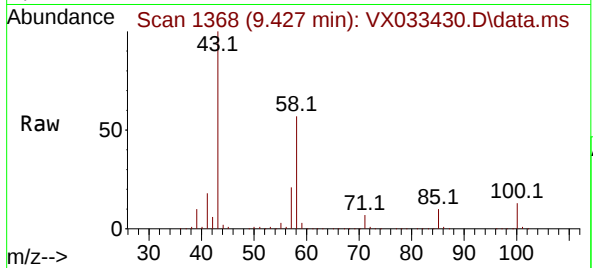
58 56.8 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#60

Dibromochloromethane

Concen: 54.930 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033430.D

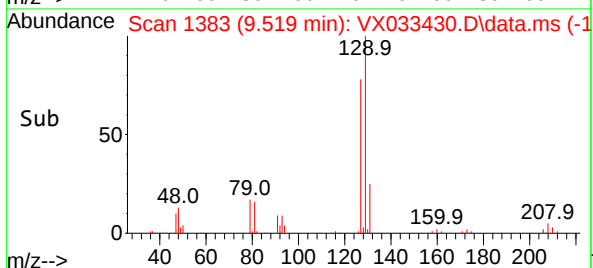
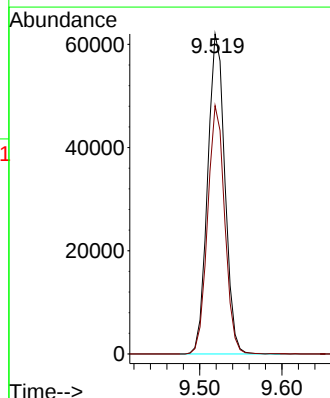
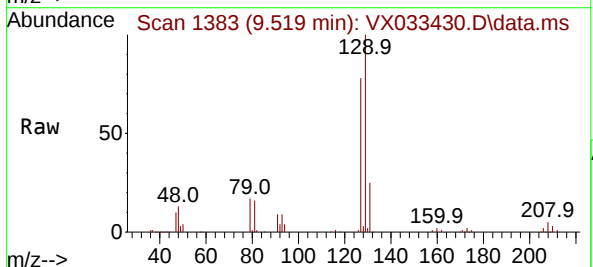
Acq: 15 Dec 2022 10:10

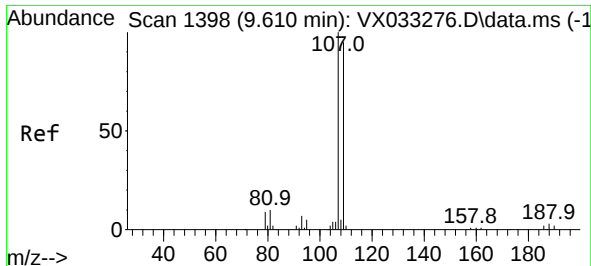
Tgt Ion:129 Resp: 90138

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.8





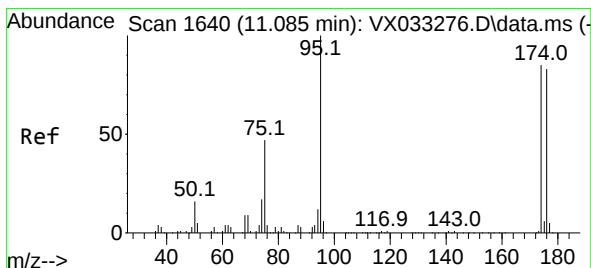
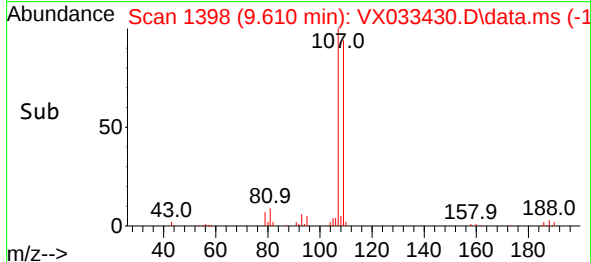
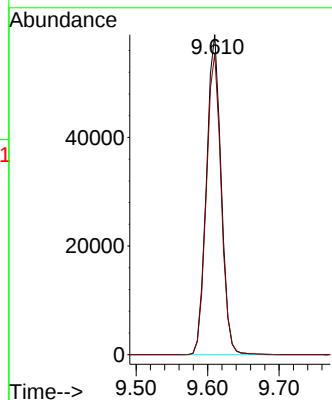
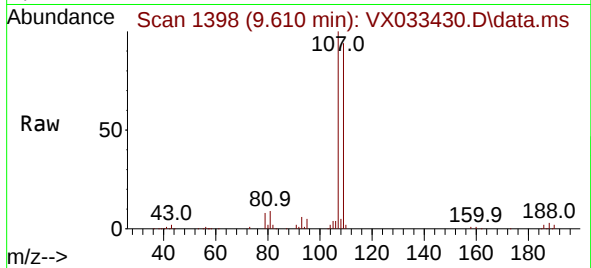
#61
1,2-Dibromoethane
Concen: 53.222 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8431
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0

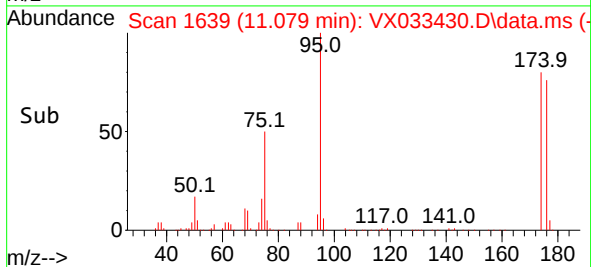
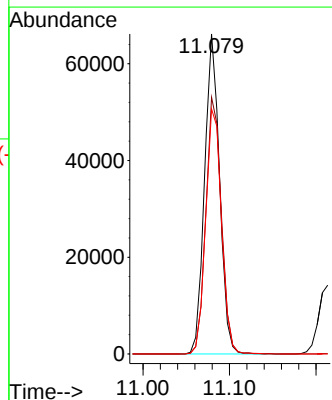
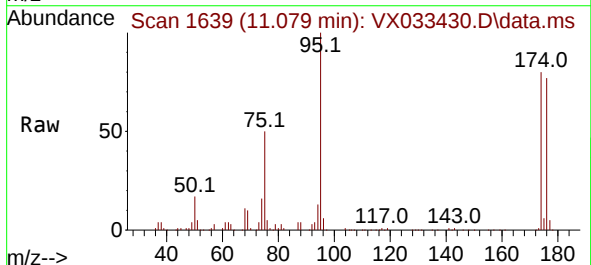
Manual Integrations
APPROVED

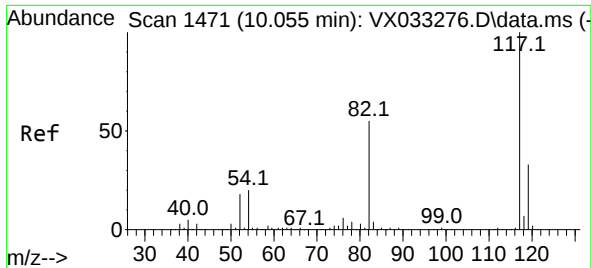
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#62
4-Bromofluorobenzene
Concen: 51.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

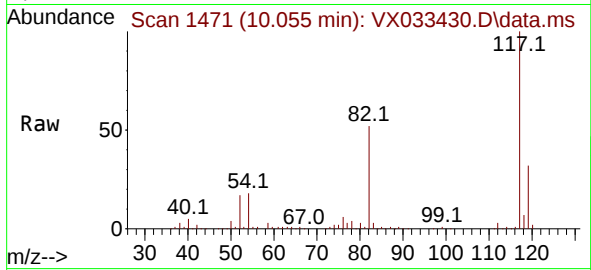
Tgt Ion: 95 Resp: 79249
Ion Ratio Lower Upper
95 100
174 83.4 0.0 164.0
176 81.0 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

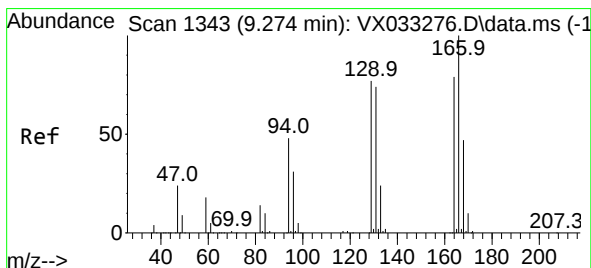
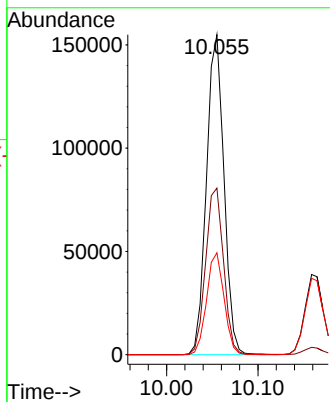
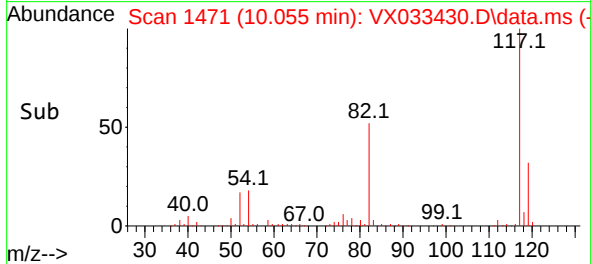
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 205390
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 31.9 25.7 38.5

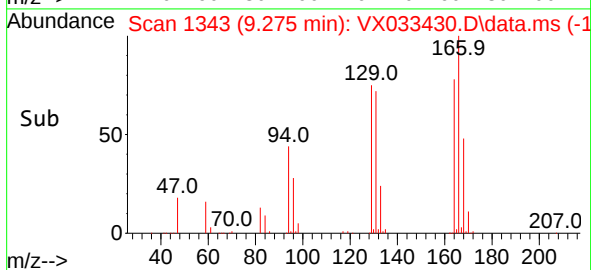
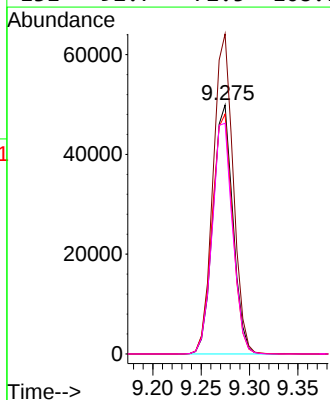
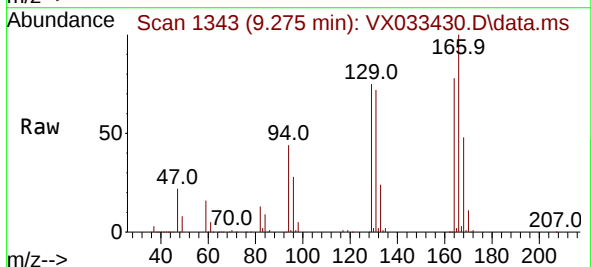
Manual Integrations
APPROVED

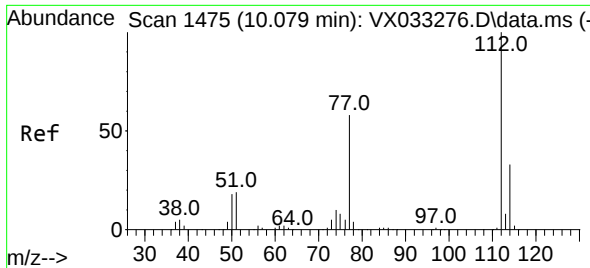
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#64
Tetrachloroethene
Concen: 50.953 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

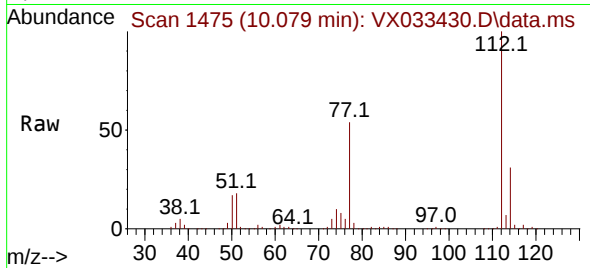
Tgt Ion:164 Resp: 71561
Ion Ratio Lower Upper
164 100
166 128.5 105.4 158.2
129 96.3 78.2 117.2
131 92.7 72.5 108.7





#65
Chlorobenzene
Concen: 51.464 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

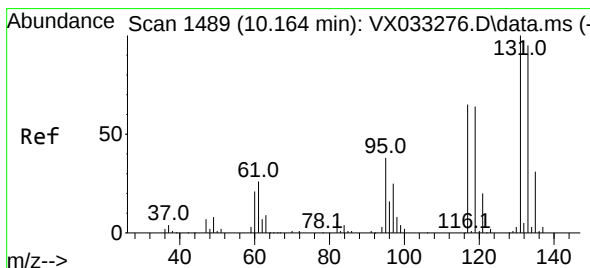
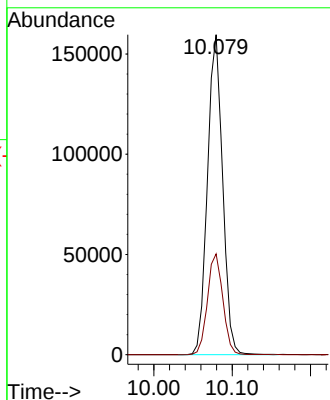
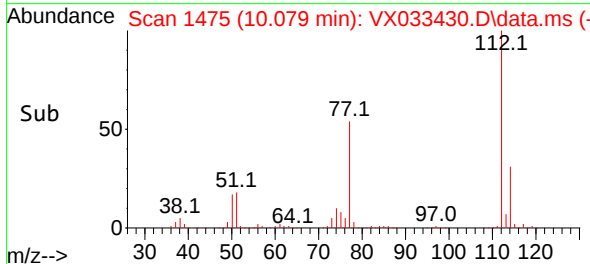
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



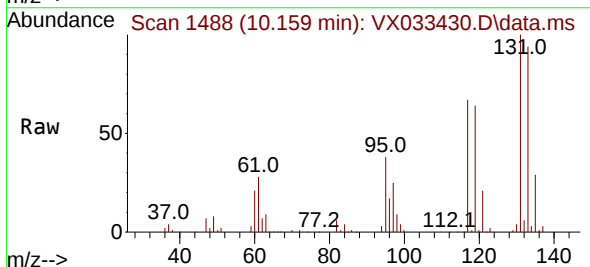
Tgt Ion:112 Resp: 214048
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
APPROVED

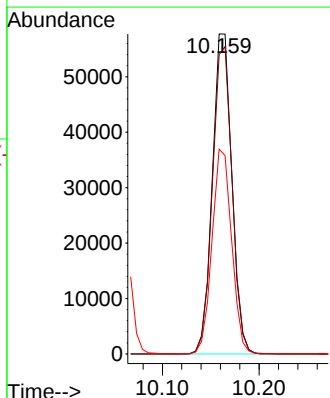
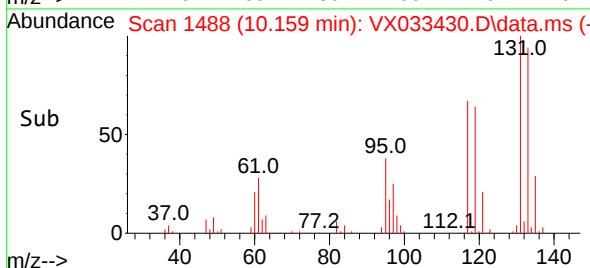
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

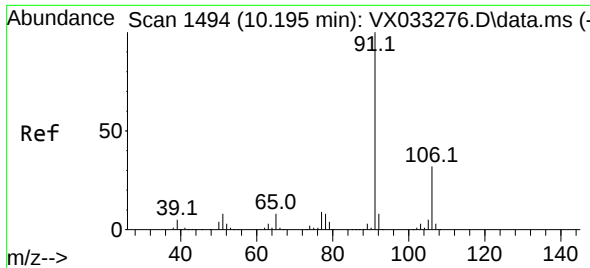


#66
1,1,1,2-Tetrachloroethane
Concen: 51.451 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



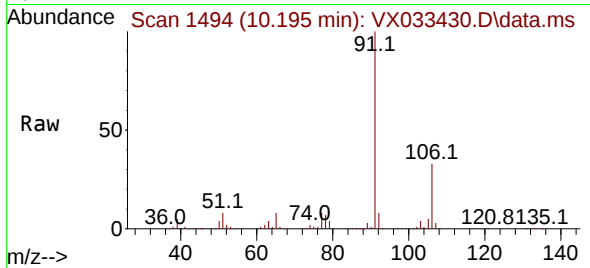
Tgt Ion:131 Resp: 80870
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 64.3 32.4 97.0





#67
Ethyl Benzene
Concen: 52.692 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

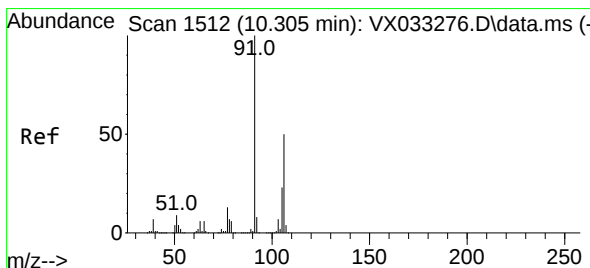
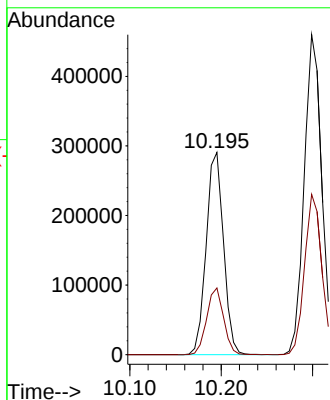
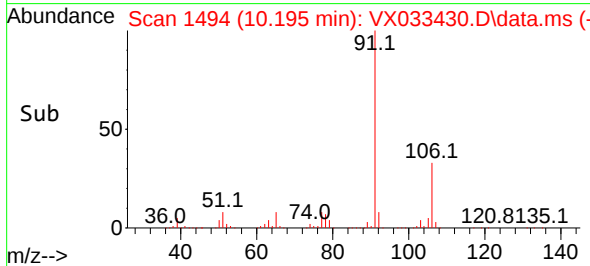
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



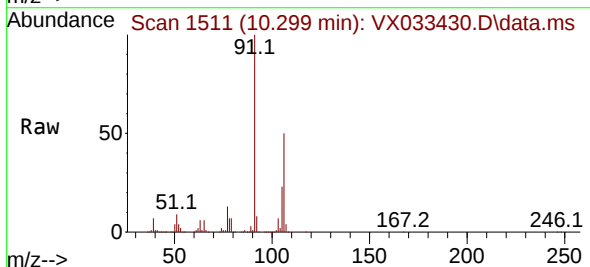
Tgt Ion: 91 Resp: 381798
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.6

Manual Integrations
APPROVED

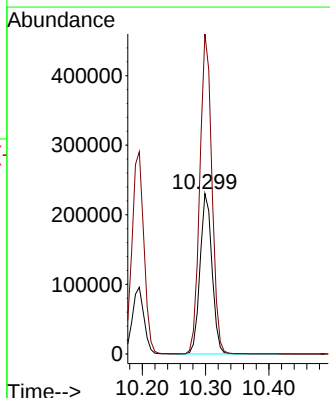
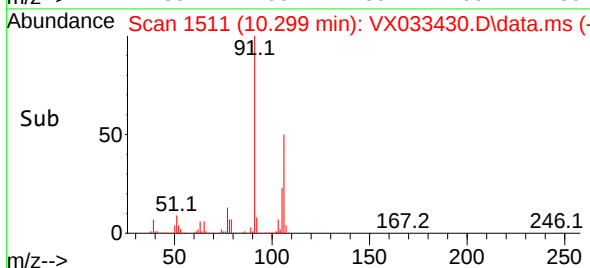
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

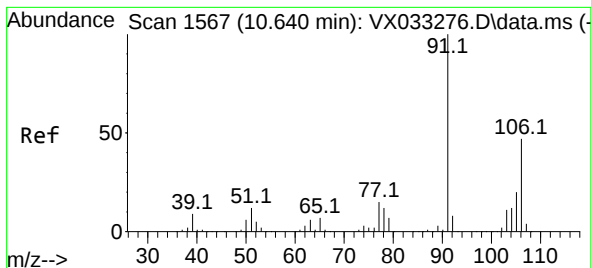


#68
m/p-Xylenes
Concen: 107.856 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



Tgt Ion:106 Resp: 304061
Ion Ratio Lower Upper
106 100
91 201.4 164.5 246.7





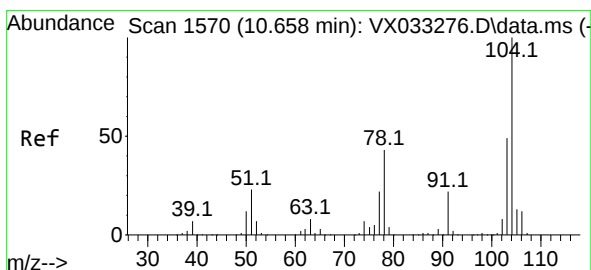
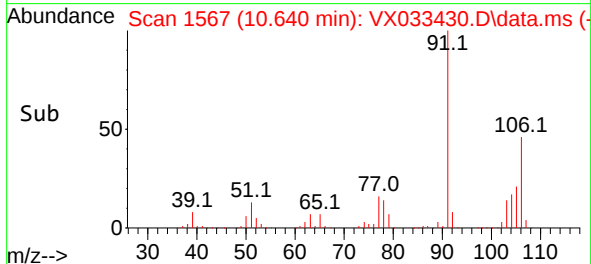
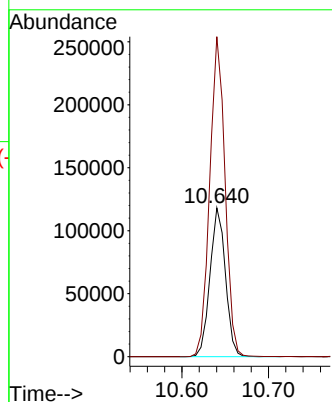
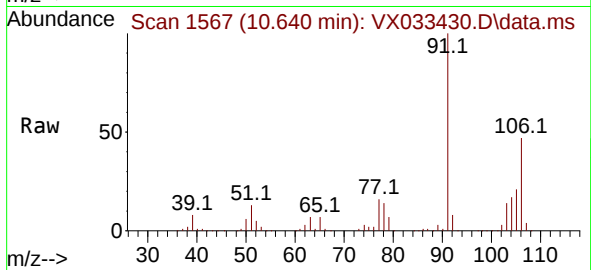
#69
o-Xylene
Concen: 52.510 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 14632
Ion Ratio Lower Upper
106 100
91 213.3 109.2 327.6

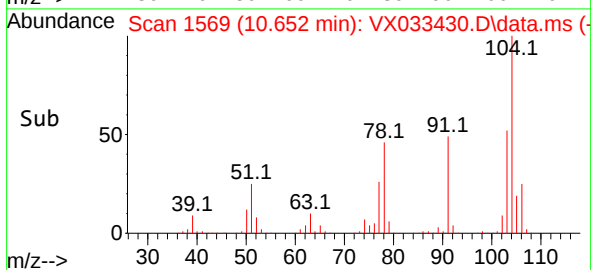
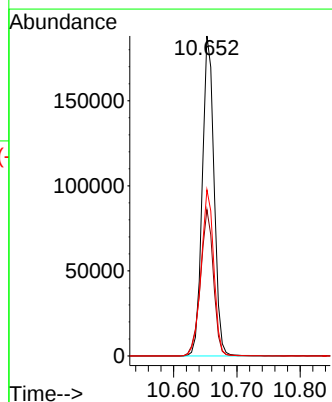
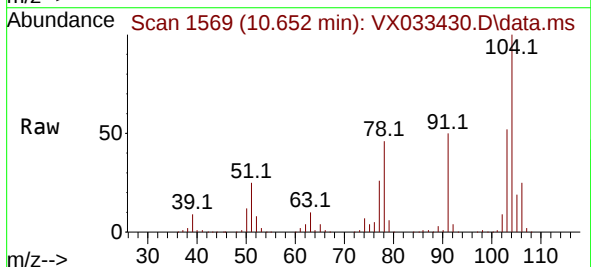
Manual Integrations
APPROVED

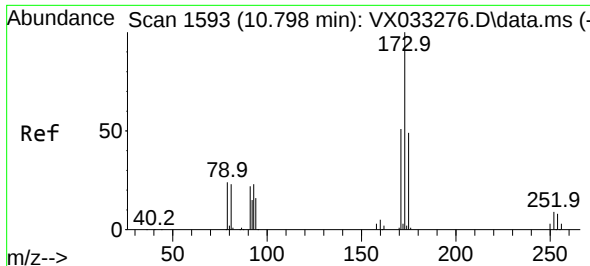
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#70
Styrene
Concen: 53.646 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

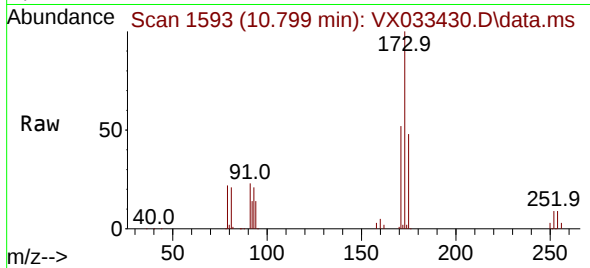
Tgt Ion:104 Resp: 244830
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 55.8 44.5 66.7





#71
Bromoform
Concen: 51.374 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

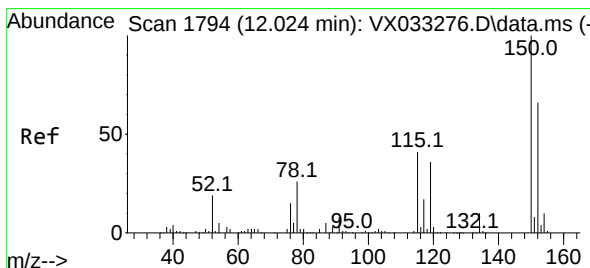
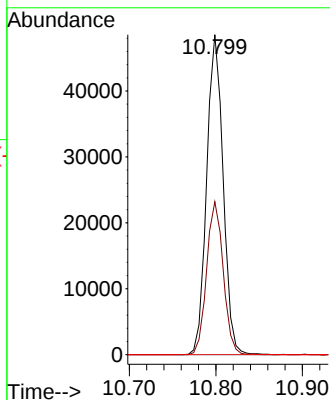
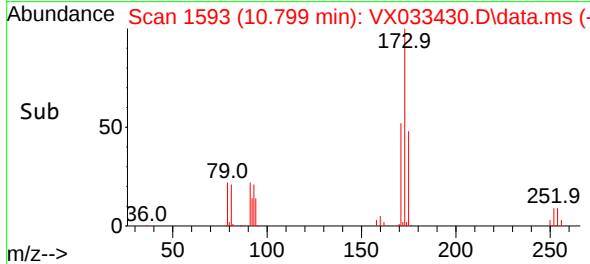
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 63910
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.0 0.0 0.0

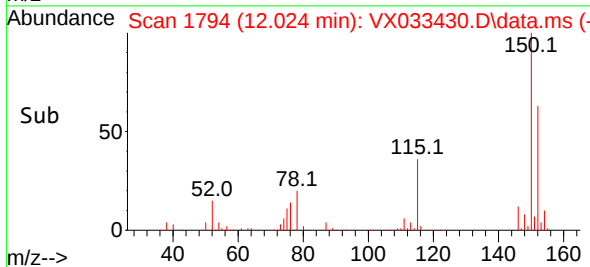
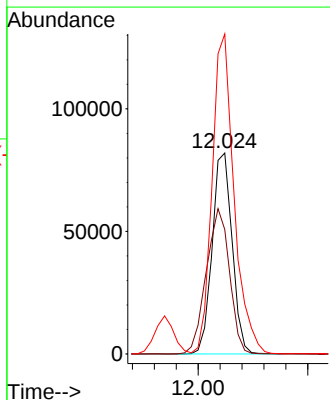
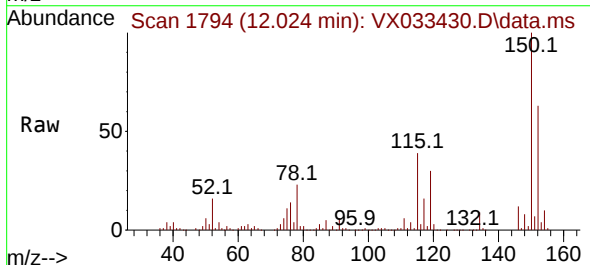
Manual Integrations
APPROVED

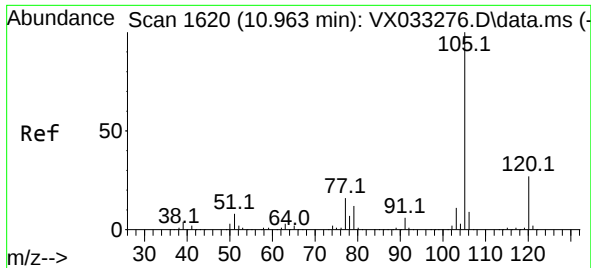
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

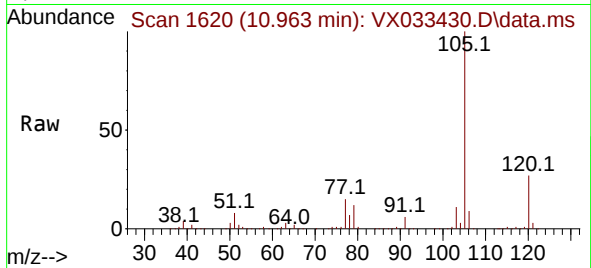
Tgt Ion:152 Resp: 103647
Ion Ratio Lower Upper
152 100
115 84.3 44.0 132.0
150 174.5 0.0 351.8





#73
Isopropylbenzene
Concen: 51.922 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

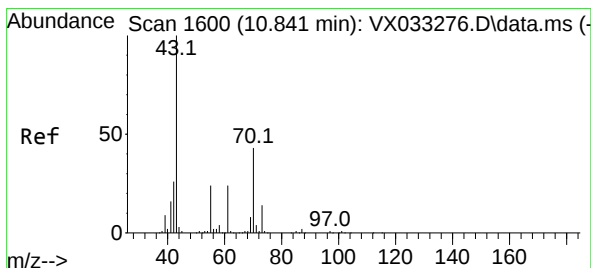
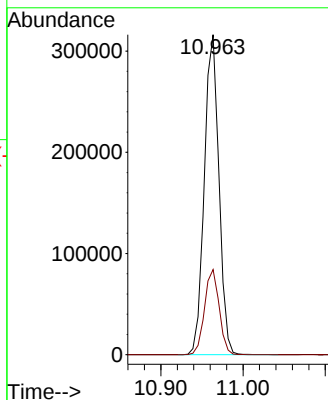
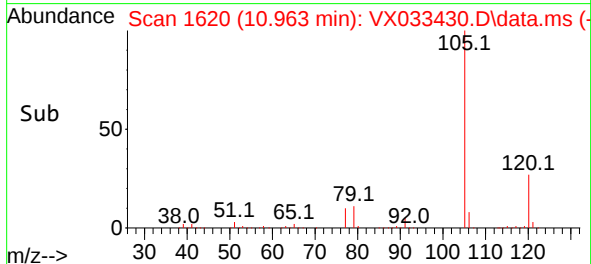
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



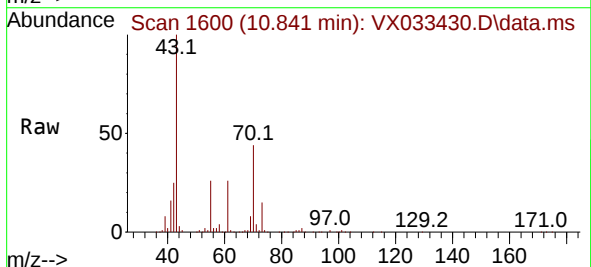
Tgt Ion:105 Resp: 390064
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

Manual Integrations
APPROVED

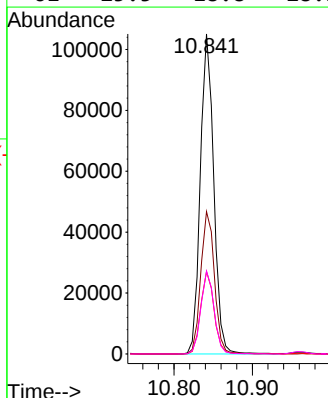
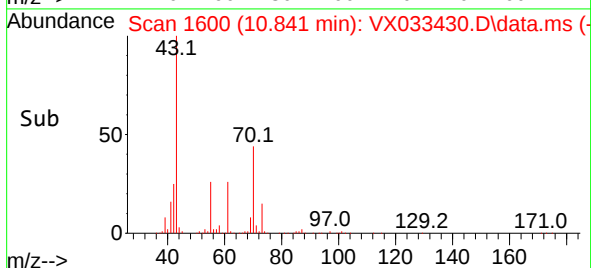
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

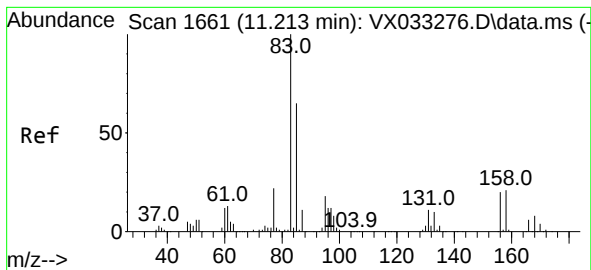


#74
N-ethyl acetate
Concen: 48.802 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



Tgt Ion: 43 Resp: 125085
Ion Ratio Lower Upper
43 100
70 45.3 33.6 50.4
55 25.7 19.4 29.2
61 25.5 18.8 28.2





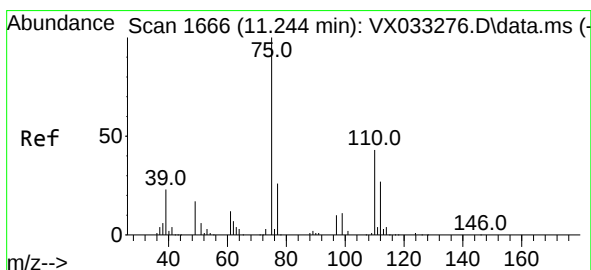
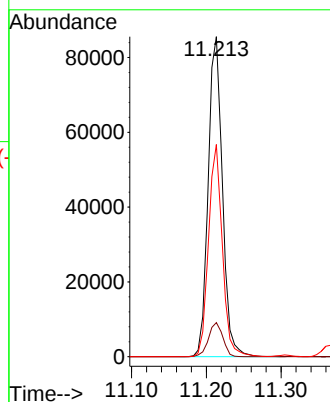
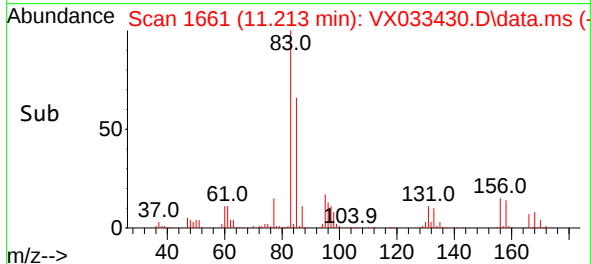
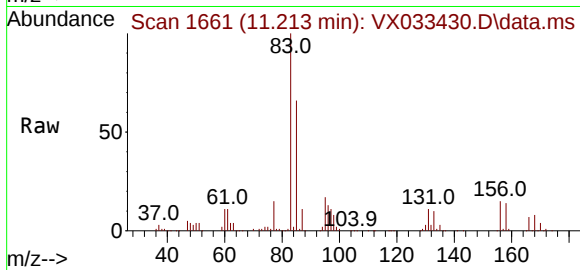
#75
1,1,2,2-Tetrachloroethane
Concen: 47.488 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11317
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.5 31.9 95.9

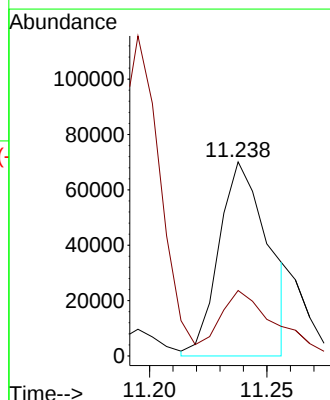
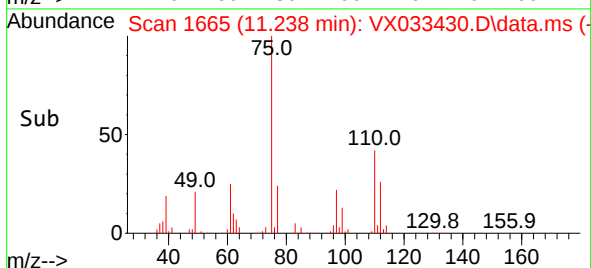
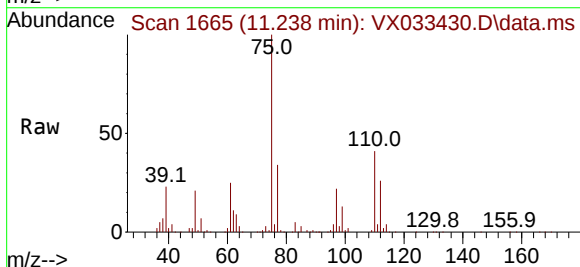
Manual Integrations
APPROVED

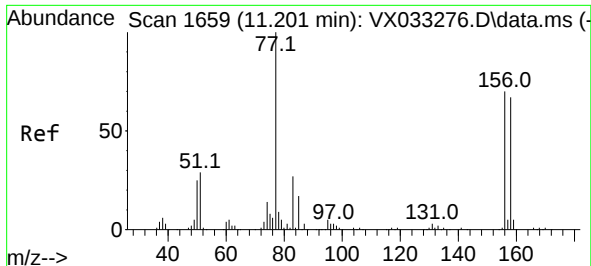
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#76
1,2,3-Trichloropropane
Concen: 48.402 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

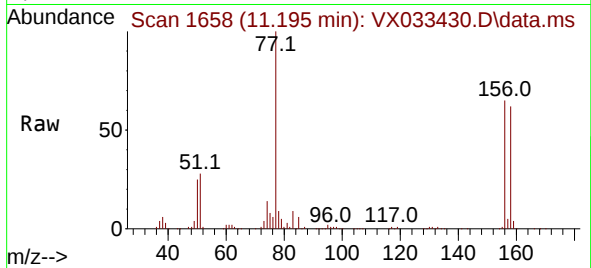
Tgt Ion: 75 Resp: 102065
Ion Ratio Lower Upper
75 100
77 38.4 20.0 60.0





#77
Bromobenzene
Concen: 50.759 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

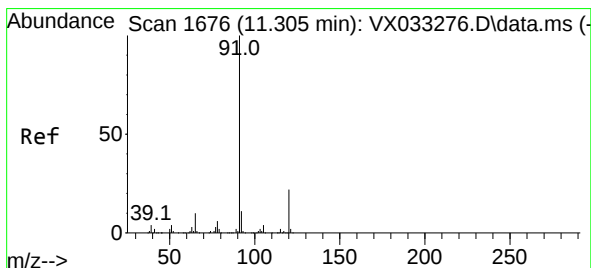
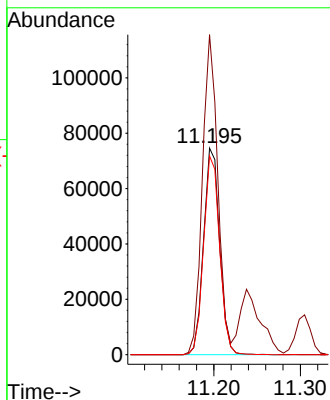
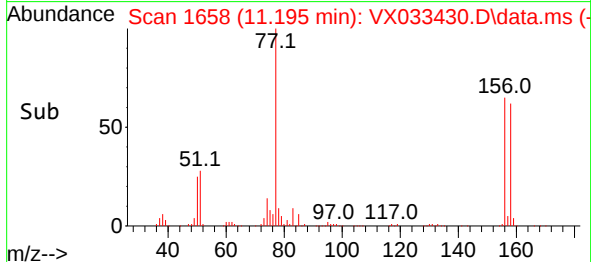
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



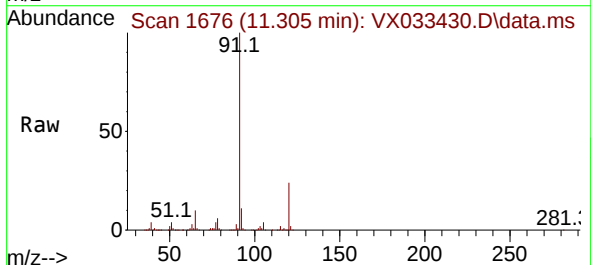
Tgt Ion:156 Resp: 9629
Ion Ratio Lower Upper
156 100
77 148.0 76.1 228.4
158 95.8 48.8 146.3

Manual Integrations
APPROVED

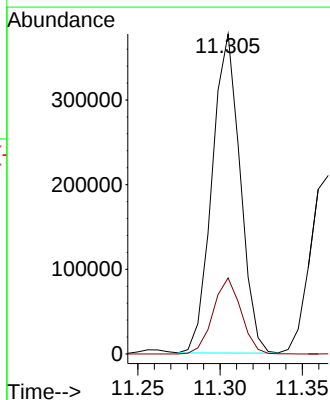
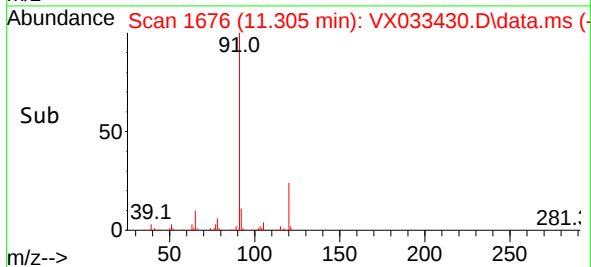
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

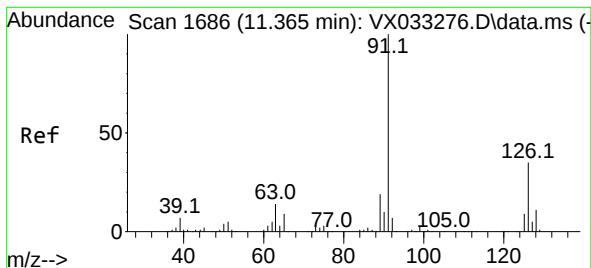


#78
n-propylbenzene
Concen: 53.354 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



Tgt Ion: 91 Resp: 447548
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8





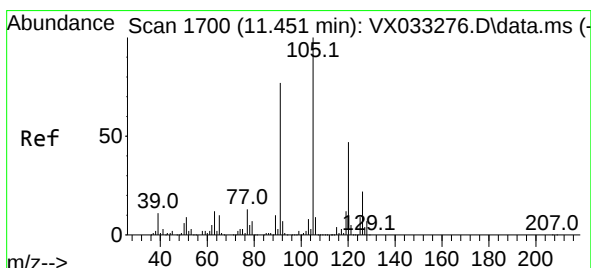
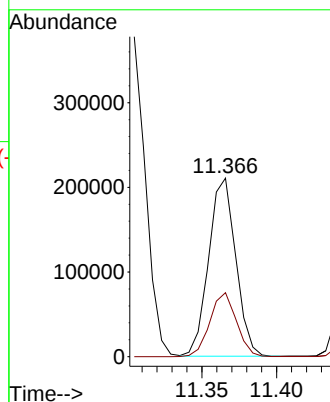
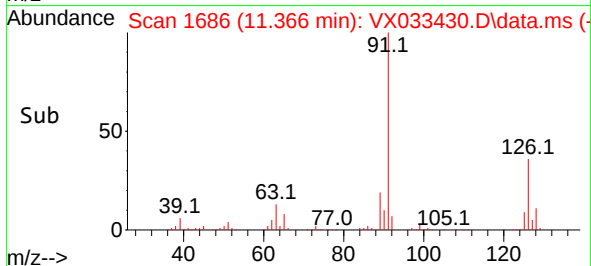
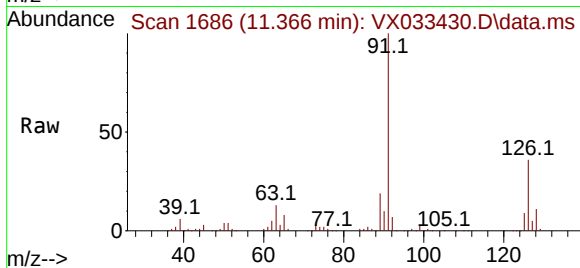
#79
2-Chlorotoluene
Concen: 51.178 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 26531
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.2

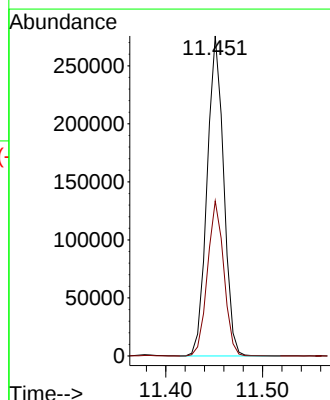
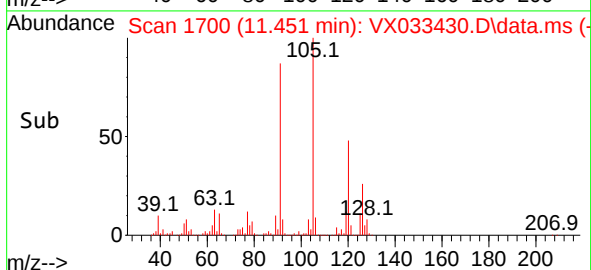
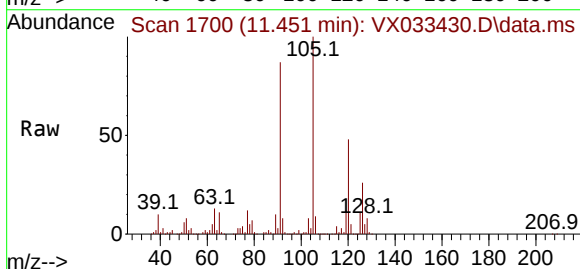
Manual Integrations
APPROVED

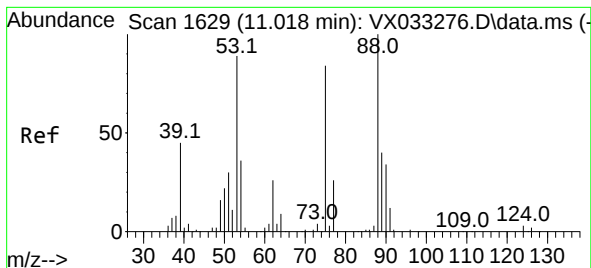
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.584 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

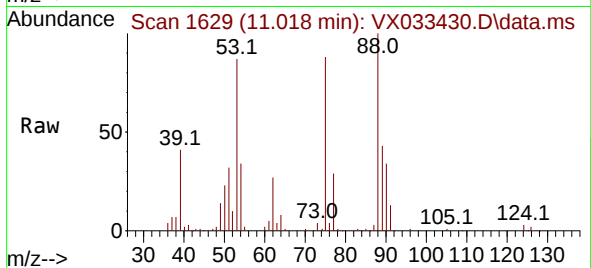
Tgt Ion:105 Resp: 328826
Ion Ratio Lower Upper
105 100
120 47.9 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.686 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

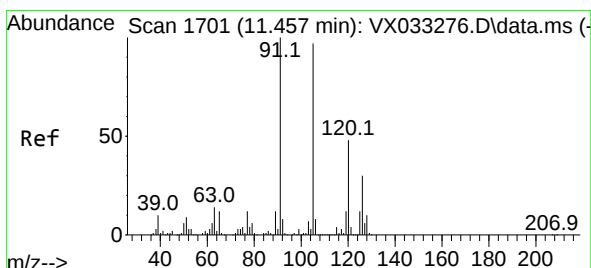
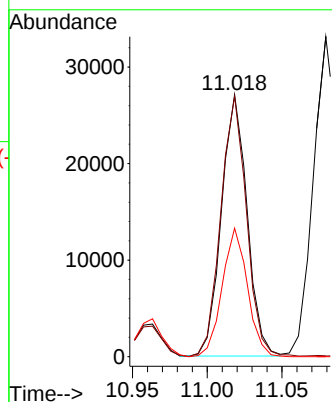
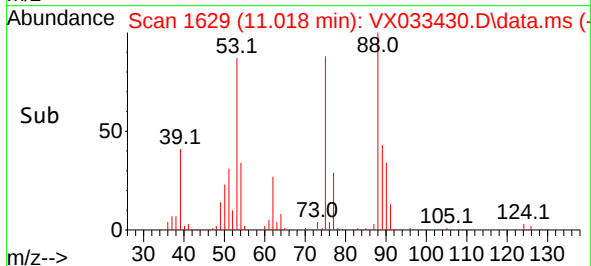
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 32320
Ion Ratio Lower Upper
75 100
53 100.0 86.9 130.3
89 48.3 38.3 57.5

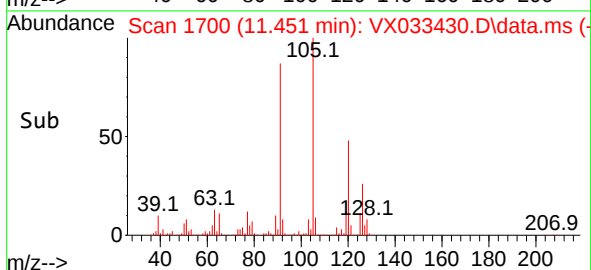
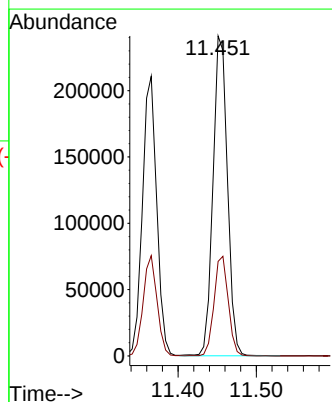
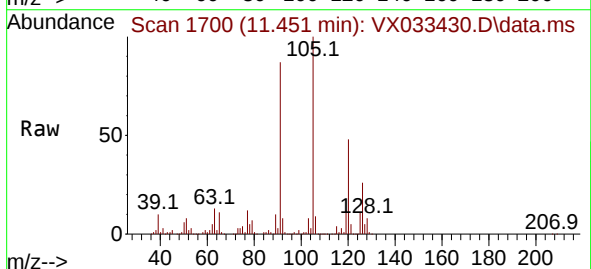
Manual Integrations
APPROVED

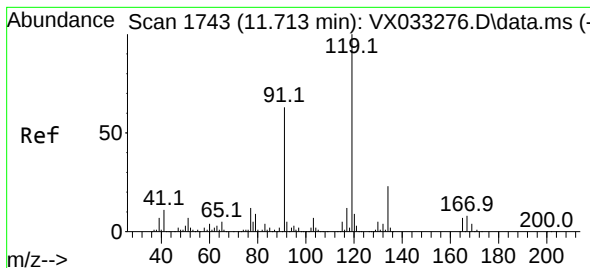
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#82
4-Chlorotoluene
Concen: 51.072 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion: 91 Resp: 307861
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4





#83

tert-Butylbenzene

Concen: 52.240 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 32576

Ion Ratio Lower Upper

119 100

91 58.2 29.4 88.2

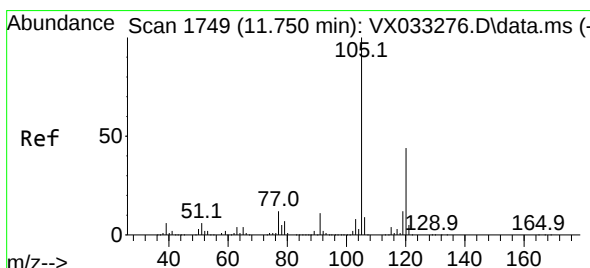
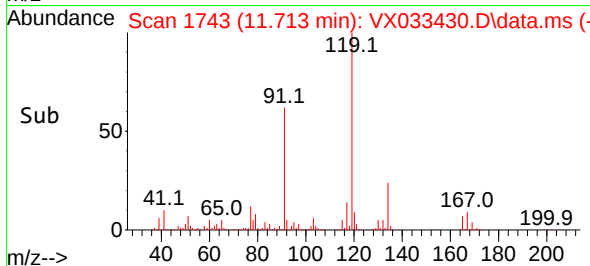
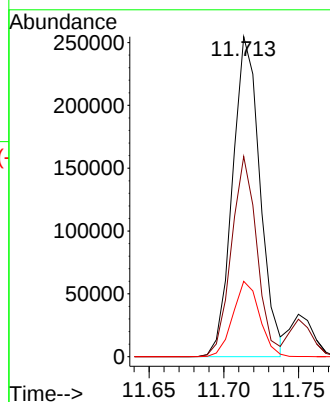
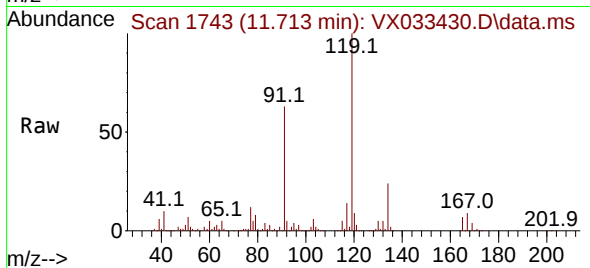
134 22.9 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#84

1,2,4-Trimethylbenzene

Concen: 52.274 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033430.D

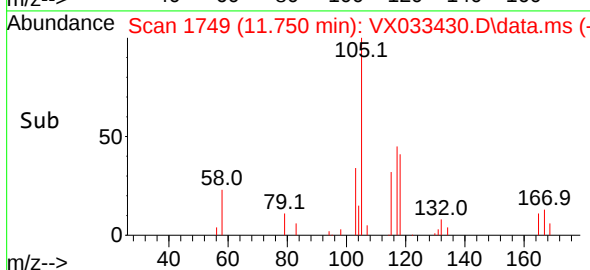
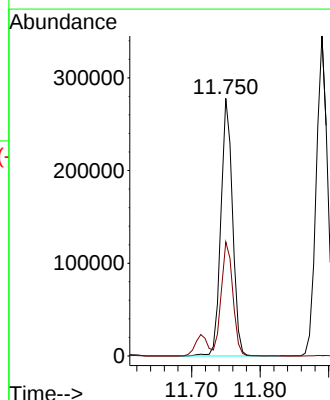
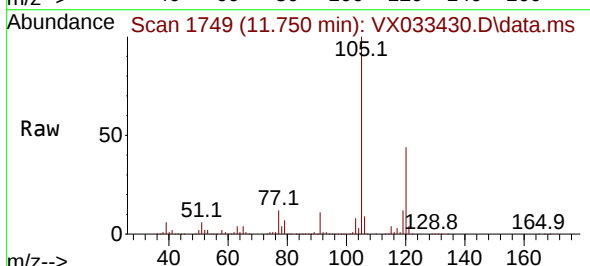
Acq: 15 Dec 2022 10:10

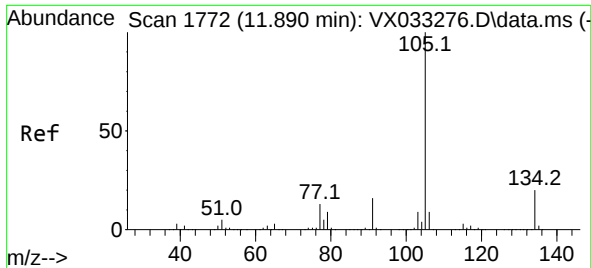
Tgt Ion:105 Resp: 326303

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.5





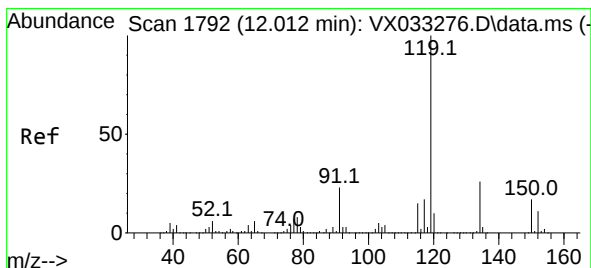
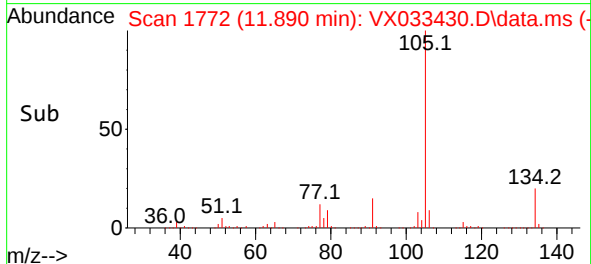
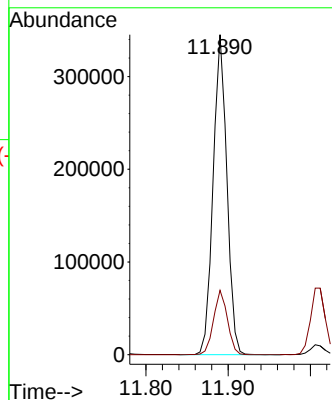
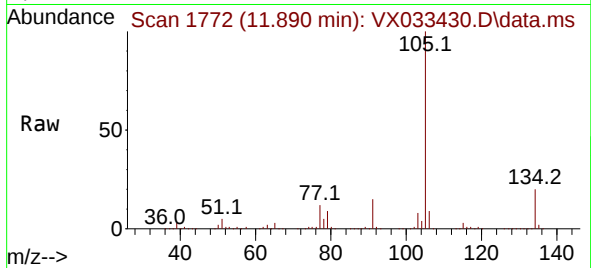
#85
 sec-Butylbenzene
 Concen: 55.088 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033430.D
 Acq: 15 Dec 2022 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 400794
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

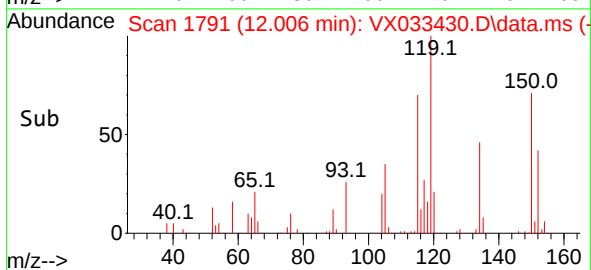
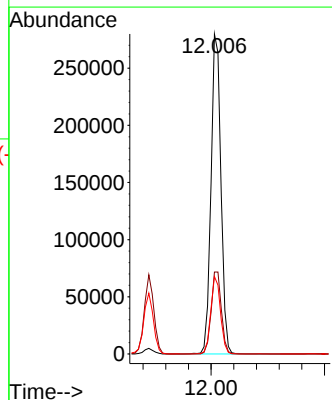
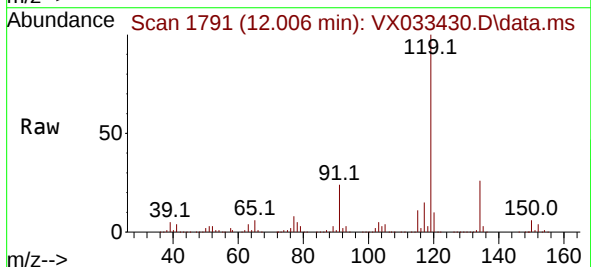
Manual Integrations
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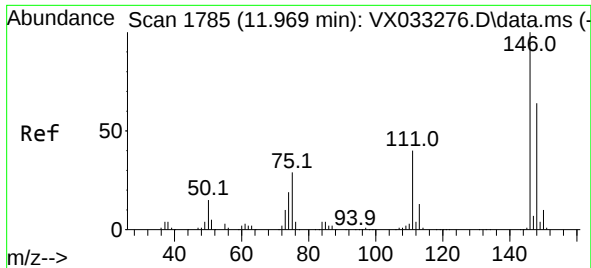
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#86
 p-Isopropyltoluene
 Concen: 54.230 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033430.D
 Acq: 15 Dec 2022 10:10

Tgt Ion:119 Resp: 340165
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.8 12.5 37.5





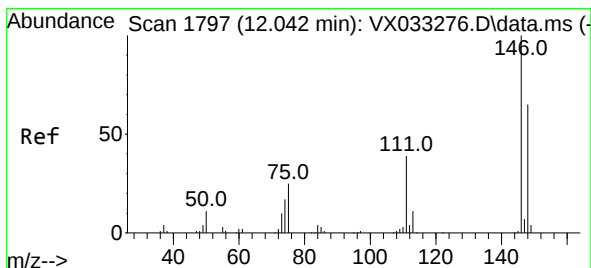
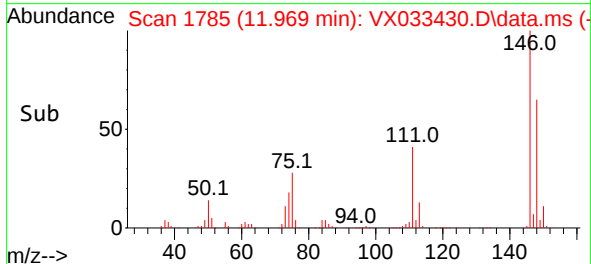
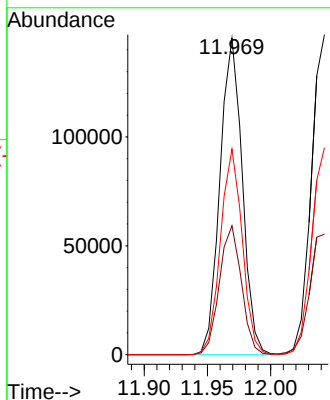
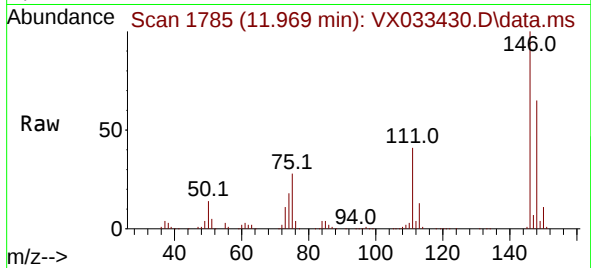
#87
1,3-Dichlorobenzene
Concen: 51.761 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 17787
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.8
148 63.7 31.7 95.1

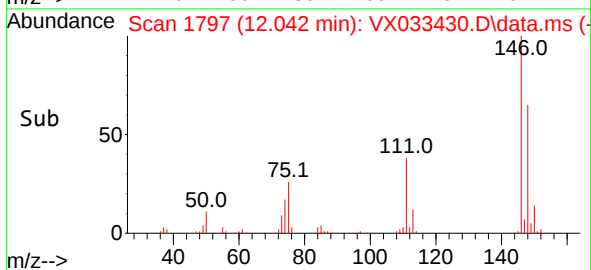
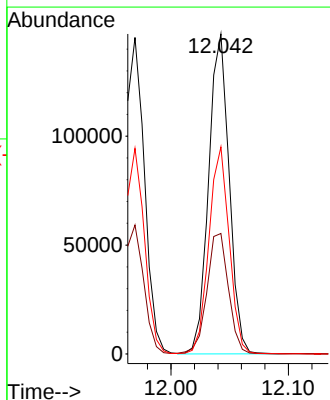
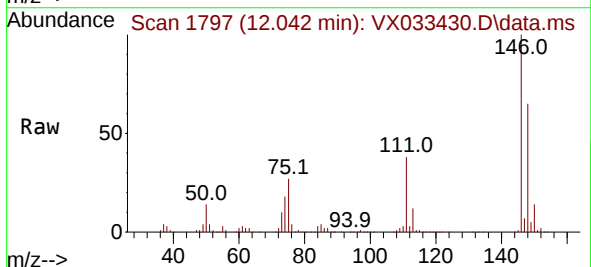
Manual Integrations
APPROVED

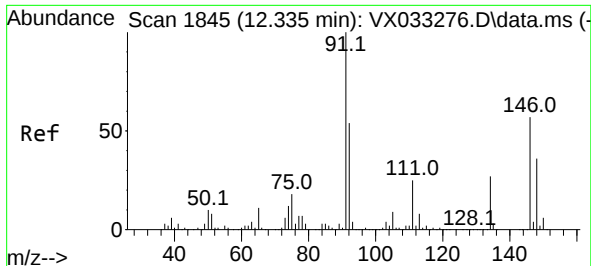
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#88
1,4-Dichlorobenzene
Concen: 50.770 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion:146 Resp: 178208
Ion Ratio Lower Upper
146 100
111 39.5 20.5 61.6
148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 56.031 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033430.D

Acq: 15 Dec 2022 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 28786

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.6

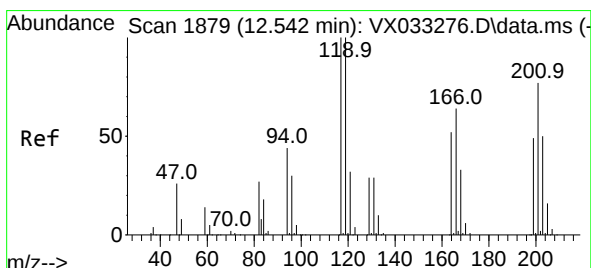
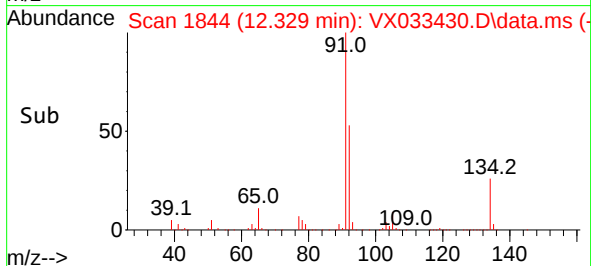
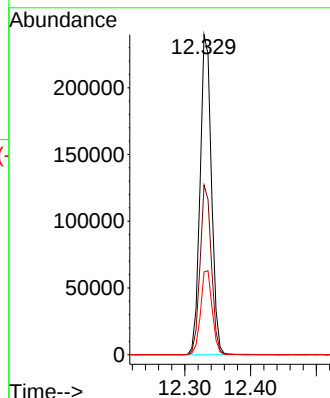
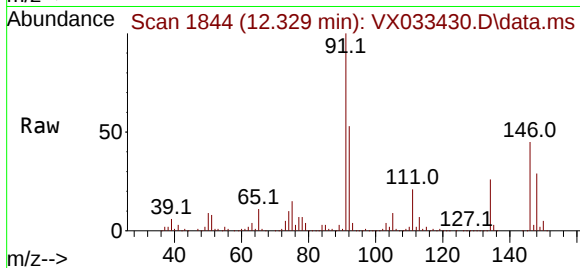
134 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#90

Hexachloroethane

Concen: 51.259 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033430.D

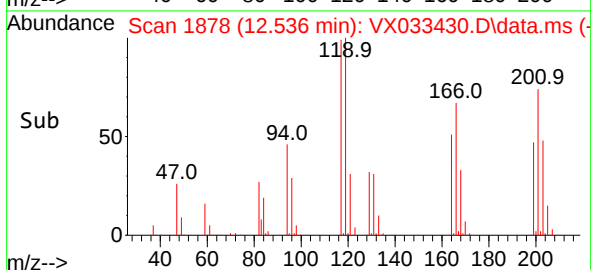
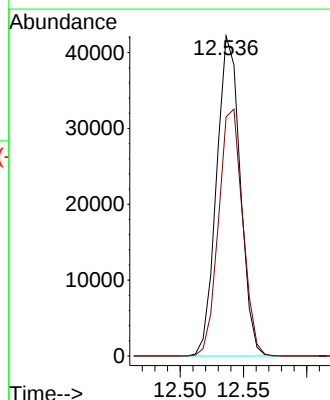
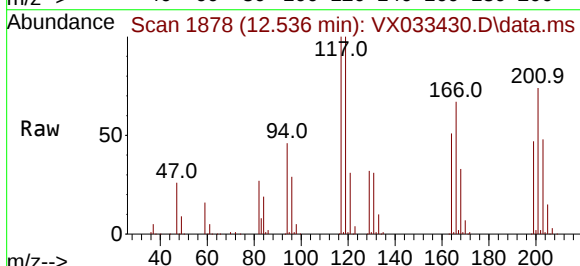
Acq: 15 Dec 2022 10:10

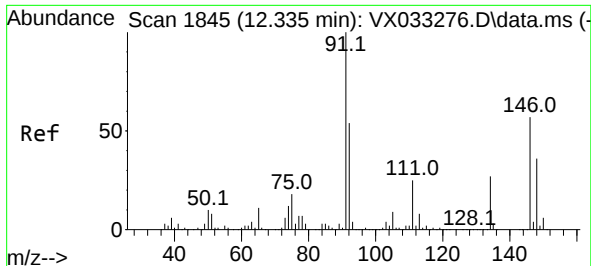
Tgt Ion:117 Resp: 54653

Ion Ratio Lower Upper

117 100

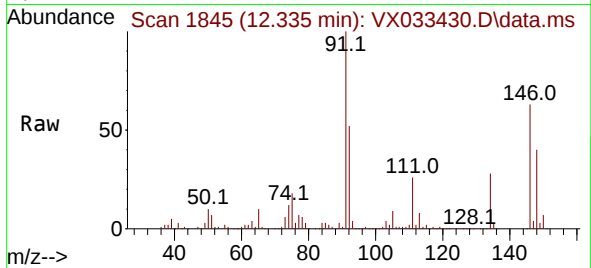
201 78.8 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 49.768 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

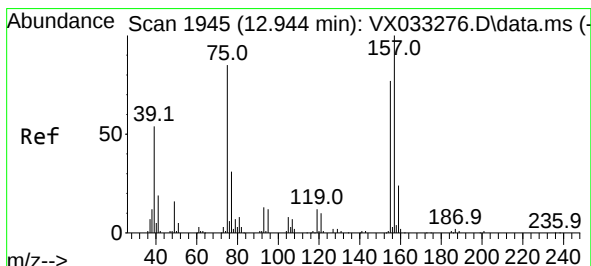
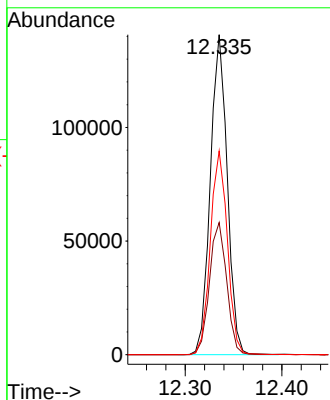
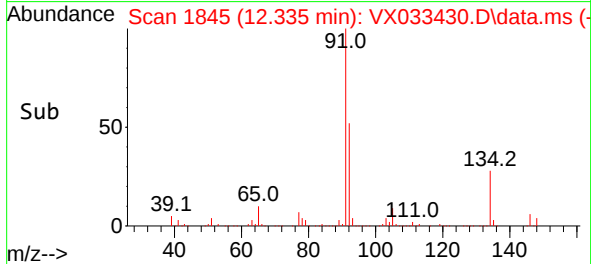
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



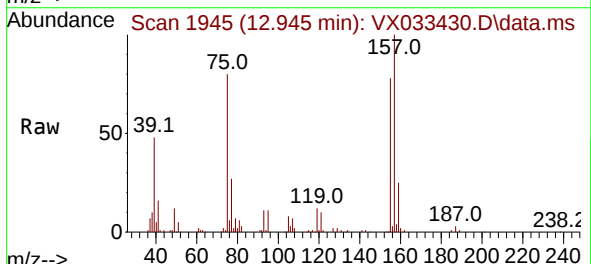
Tgt Ion:146 Resp: 170984
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 64.2 32.0 96.2

Manual Integrations
APPROVED

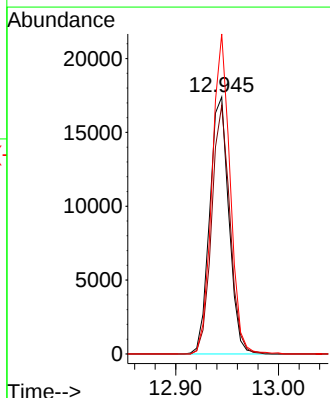
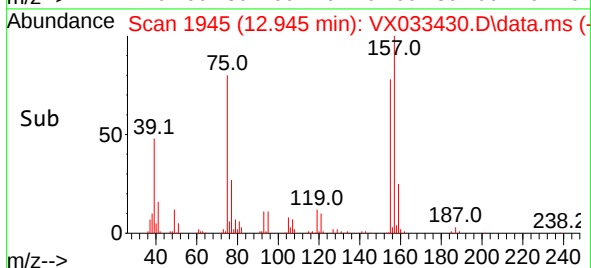
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

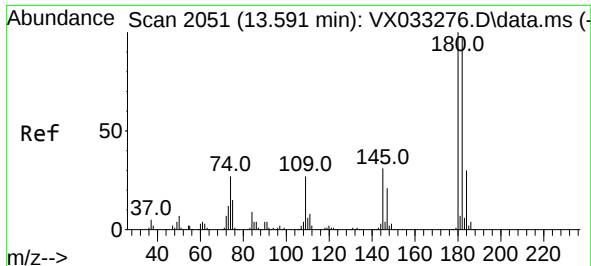


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.655 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10



Tgt Ion: 75 Resp: 22473
Ion Ratio Lower Upper
75 100
155 91.9 41.6 124.8
157 117.0 54.1 162.4





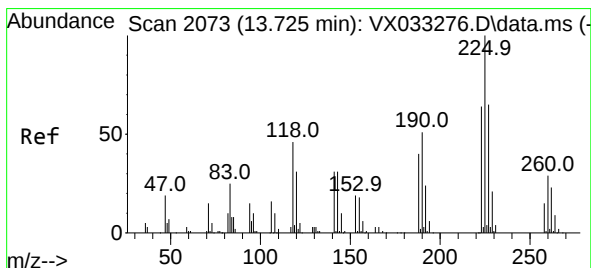
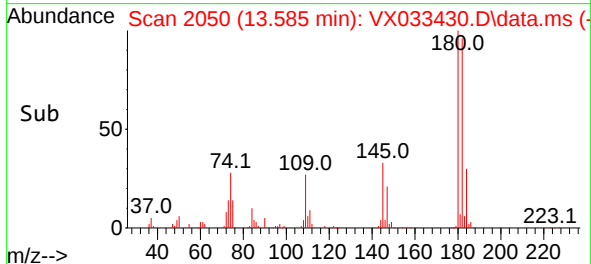
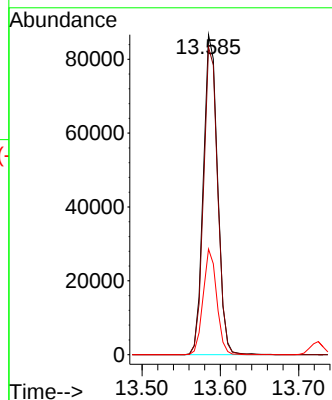
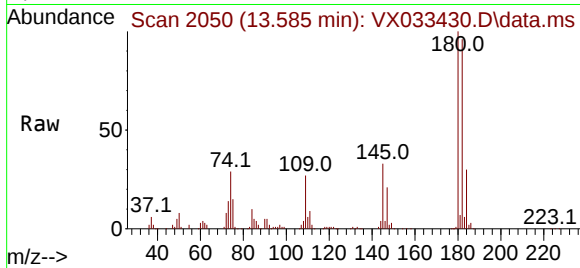
#93
1,2,4-Trichlorobenzene
Concen: 52.564 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 10906
Ion Ratio Lower Upper
180 100
182 95.7 48.4 145.0
145 31.6 16.2 48.5

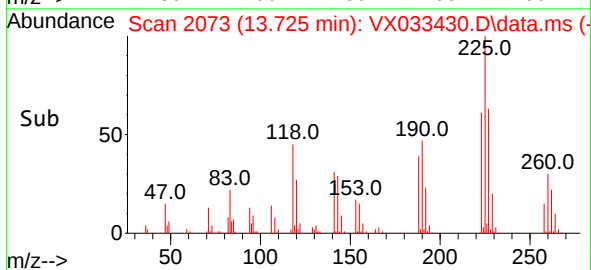
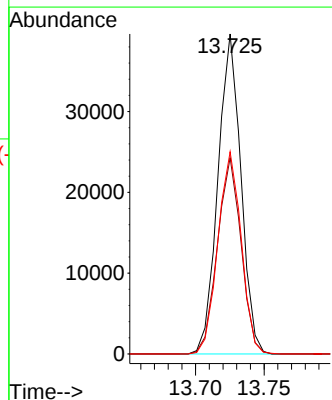
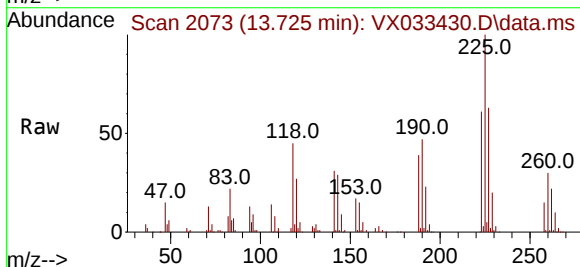
Manual Integrations
APPROVED

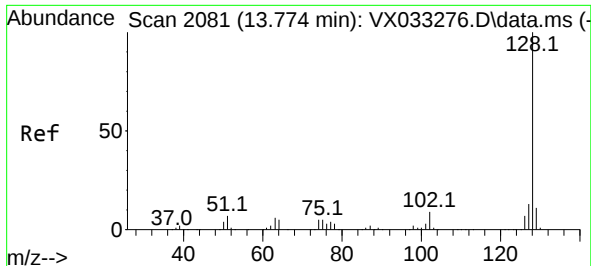
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#94
Hexachlorobutadiene
Concen: 55.517 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

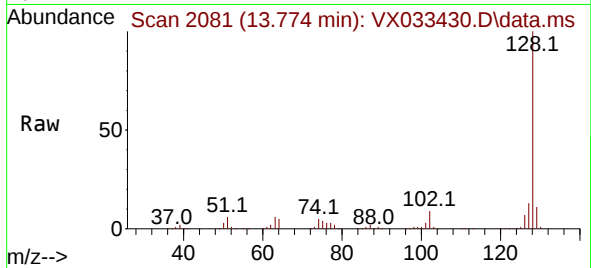
Tgt Ion:225 Resp: 46128
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.9
227 64.1 31.9 95.5





#95
Naphthalene
Concen: 50.172 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

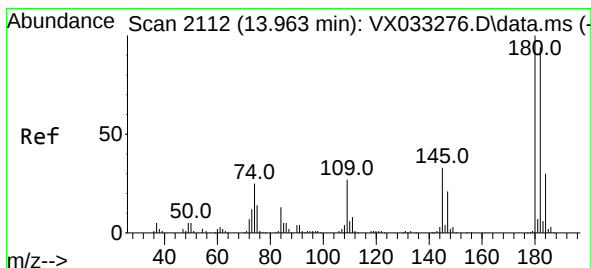
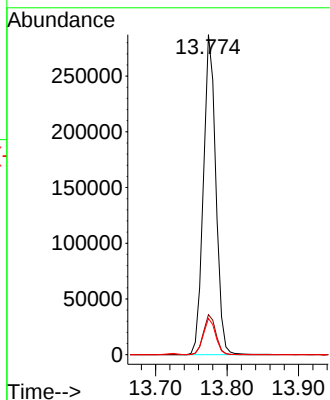
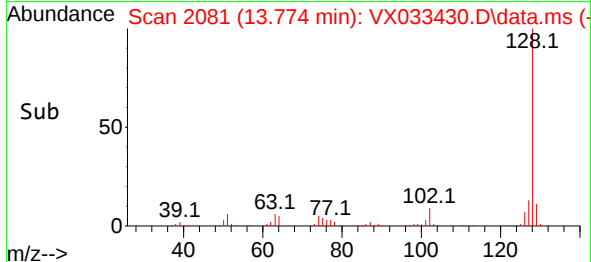
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 34725
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.2 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.808 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033430.D
Acq: 15 Dec 2022 10:10

Tgt Ion:180 Resp: 106772
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 34.3 16.9 50.6

