

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034481.D
 Acq On : 15 Mar 2023 04:10
 Operator : JC/MD
 Sample : VX0314WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 06:58:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	279899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	481376	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	200074	49.135	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.260%		
35) Dibromofluoromethane	5.379	113	156917	49.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	584543	49.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.540%		
62) 4-Bromofluorobenzene	11.079	95	223949	46.730	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44469	17.042	ug/l	100
3) Chloromethane	1.301	50	66745	15.993	ug/l	99
4) Vinyl Chloride	1.374	62	62071	17.470	ug/l	98
5) Bromomethane	1.599	94	40858	22.792	ug/l	95
6) Chloroethane	1.685	64	38431	18.786	ug/l	97
7) Trichlorofluoromethane	1.886	101	100492	18.823	ug/l	96
8) Diethyl Ether	2.130	74	37516	19.250	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	52741	16.951	ug/l	100
10) Methyl Iodide	2.453	142	75698	18.532	ug/l	98
11) Tert butyl alcohol	2.953	59	73526	86.710	ug/l	100
12) 1,1-Dichloroethene	2.319	96	52002	16.971	ug/l	98
13) Acrolein	2.233	56	67974	101.330	ug/l	99
14) Allyl chloride	2.660	41	102269	16.463	ug/l	98
15) Acrylonitrile	3.062	53	167975	91.702	ug/l	100
16) Acetone	2.374	43	146735	76.500	ug/l	98
17) Carbon Disulfide	2.514	76	129773	15.049	ug/l	99
18) Methyl Acetate	2.703	43	116184	18.538	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	196454	17.907	ug/l	99
20) Methylene Chloride	2.788	84	63511	17.061	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	57930	17.802	ug/l	92
22) Diisopropyl ether	3.757	45	215817	18.222	ug/l	97
23) Vinyl Acetate	3.721	43	803498	89.138	ug/l	99
24) 1,1-Dichloroethane	3.611	63	111117	17.452	ug/l	99
25) 2-Butanone	4.550	43	236829	86.291	ug/l	99
26) 2,2-Dichloropropane	4.471	77	78067	14.106	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	68092	17.382	ug/l	98
28) Bromochloromethane	4.898	49	62958	21.267	ug/l	98
29) Tetrahydrofuran	5.001	42	155443	91.786	ug/l	100
30) Chloroform	5.093	83	113002	18.106	ug/l	98
31) Cyclohexane	5.471	56	99480	17.420	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	96075	17.389	ug/l	98
36) 1,1-Dichloropropene	5.690	75	80351	16.460	ug/l	99
37) Ethyl Acetate	4.715	43	95474	17.902	ug/l	99
38) Carbon Tetrachloride	5.678	117	80808	16.640	ug/l	96
39) Methylcyclohexane	7.379	83	95362	16.324	ug/l	96
40) Benzene	6.038	78	245050	17.160	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52191	17.857	ug/l	97
42) 1,2-Dichloroethane	6.086	62	94938	18.089	ug/l	99
43) Isopropyl Acetate	6.336	43	156068	17.275	ug/l	100
44) Trichloroethene	7.123	130	62733	16.907	ug/l	97
45) 1,2-Dichloropropane	7.428	63	65955	17.688	ug/l	99
46) Dibromomethane	7.580	93	43766	17.265	ug/l	99
47) Bromodichloromethane	7.818	83	83939	17.109	ug/l	100
48) Methyl methacrylate	7.690	41	77119	17.748	ug/l	99
49) 1,4-Dioxane	7.659	88	35172	385.387	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	482373	92.038	ug/l	99
52) Toluene	8.714	92	154629	17.490	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	87712	15.869	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96696	16.170	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	62881	17.921	ug/l	99
56) Ethyl methacrylate	9.116	69	100631	17.468	ug/l	100
57) 1,3-Dichloropropane	9.305	76	110515	17.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	267653	90.150	ug/l	100
59) 2-Hexanone	9.427	43	364223	89.901	ug/l	100
60) Dibromochloromethane	9.519	129	62978	17.114	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66151	17.471	ug/l	99
64) Tetrachloroethene	9.275	164	50006	17.312	ug/l	97
65) Chlorobenzene	10.079	112	163563	17.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	59630	17.354	ug/l	100
67) Ethyl Benzene	10.195	91	297261	17.600	ug/l	100
68) m/p-Xylenes	10.299	106	226224	34.868	ug/l	100
69) o-Xylene	10.640	106	112733	17.314	ug/l	99
70) Styrene	10.653	104	183861	17.502	ug/l	98
71) Bromoform	10.799	173	42682	16.137	ug/l #	100
73) Isopropylbenzene	10.963	105	295334	17.835	ug/l	100
74) N-amyl acetate	10.842	43	140529	17.718	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	102017	18.462	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82199m	16.708	ug/l	
77) Bromobenzene	11.195	156	68754	17.305	ug/l	99
78) n-propylbenzene	11.305	91	339081	17.730	ug/l	99
79) 2-Chlorotoluene	11.366	91	208418	17.646	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	245353	17.664	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25297	13.911	ug/l	91
82) 4-Chlorotoluene	11.451	91	240190	17.655	ug/l	99
83) tert-Butylbenzene	11.713	119	243928	17.418	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	250075	17.617	ug/l	99
85) sec-Butylbenzene	11.890	105	301405	17.605	ug/l	99
86) p-Isopropyltoluene	12.006	119	250629	17.418	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133775	17.185	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	134230	17.053	ug/l	99
89) n-Butylbenzene	12.329	91	213322	16.677	ug/l	98
90) Hexachloroethane	12.536	117	44037	16.540	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	131719	17.509	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20854	16.610	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	84211	17.900	ug/l	97
94) Hexachlorobutadiene	13.725	225	34277	18.085	ug/l	98
95) Naphthalene	13.774	128	299240	18.968	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85938	18.688	ug/l	99

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ClientSampleId :
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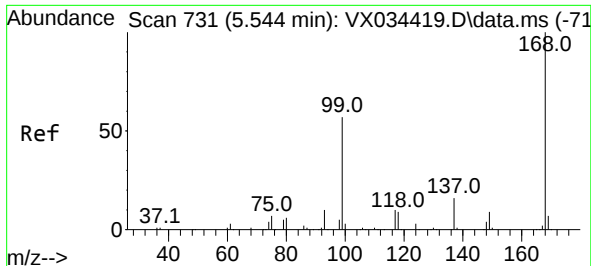
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

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



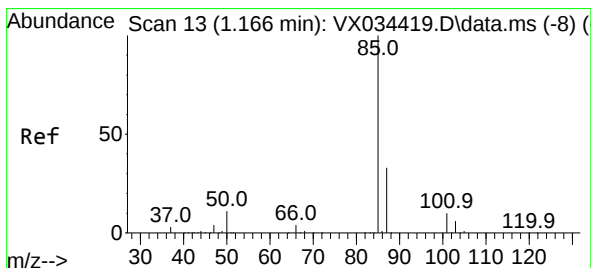
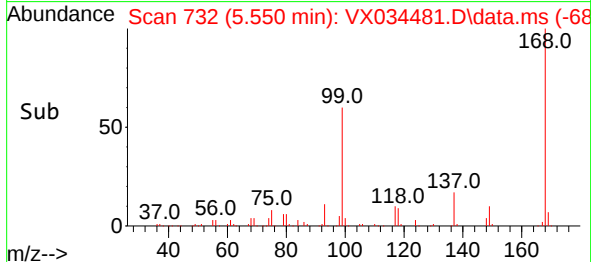
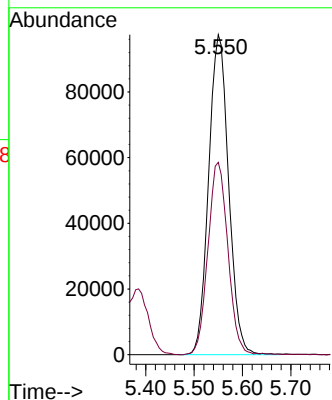
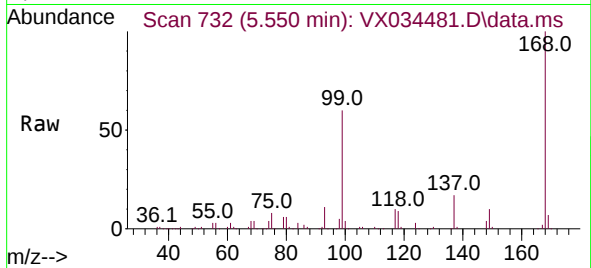
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion:168 Resp: 279899
Ion Ratio Lower Upper
168 100
99 60.1 45.7 68.5

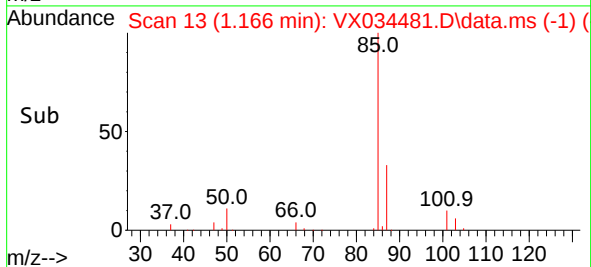
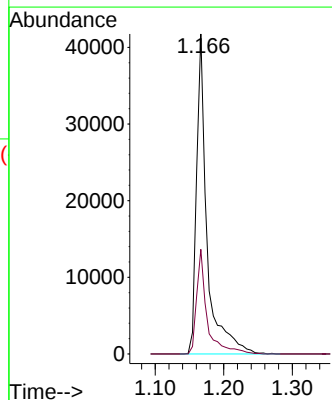
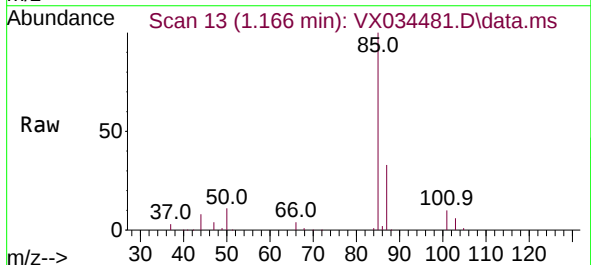
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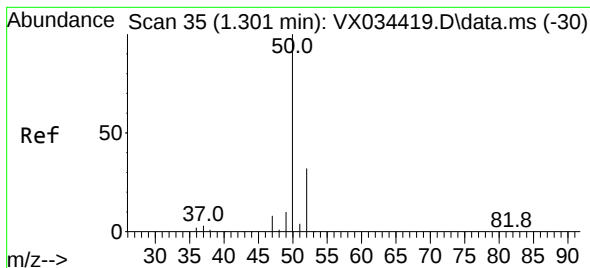
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 17.042 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion: 85 Resp: 44469
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





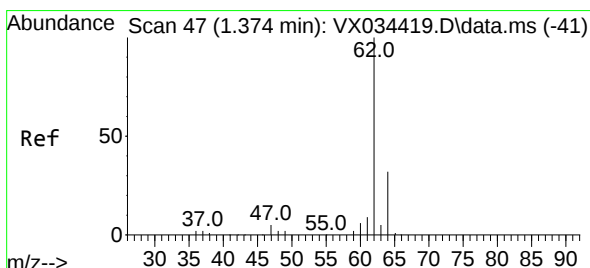
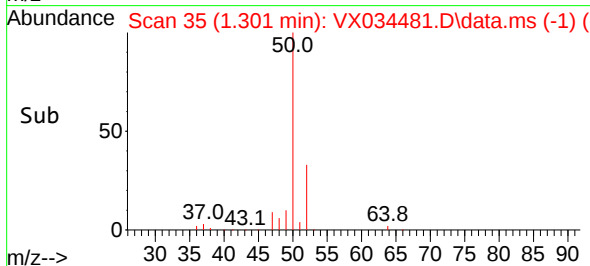
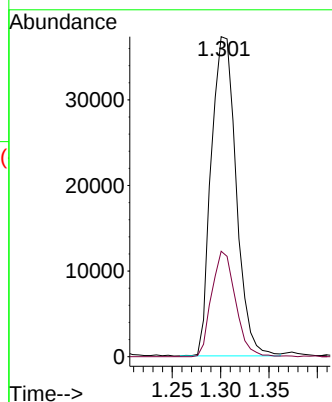
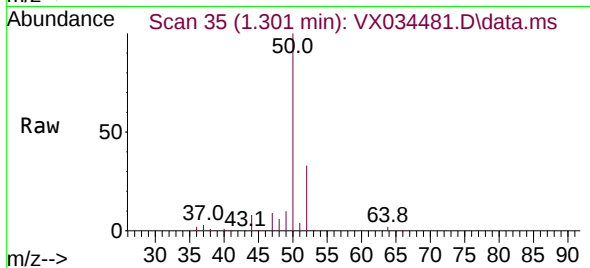
#3
Chloromethane
Concen: 15.993 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
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VX0314WBSD02

Tgt Ion: 50 Resp: 66745
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

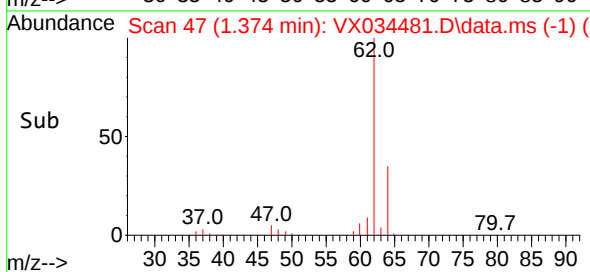
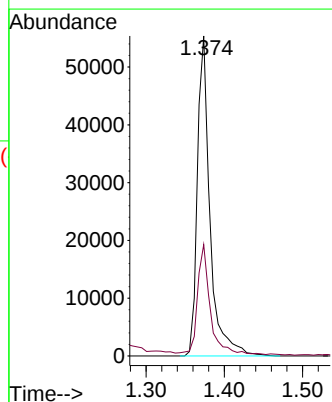
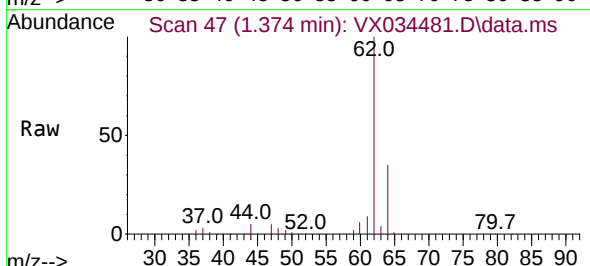
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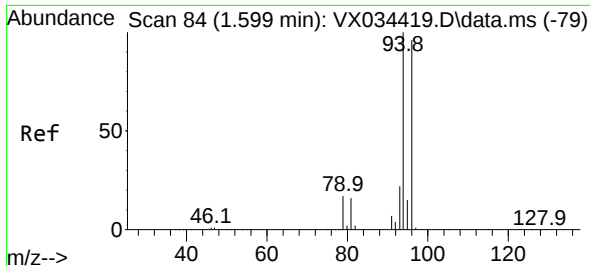
Reviewed By :John Carlone 03/15/2023
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#4
Vinyl Chloride
Concen: 17.470 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

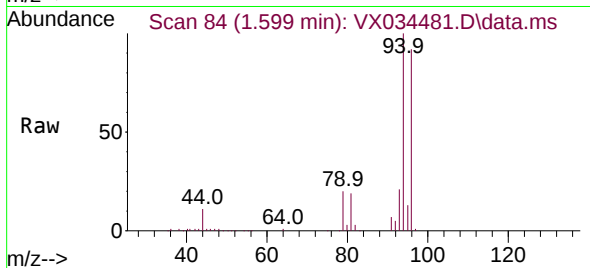
Tgt Ion: 62 Resp: 62071
Ion Ratio Lower Upper
62 100
64 34.4 26.4 39.6





#5
Bromomethane
Concen: 22.792 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

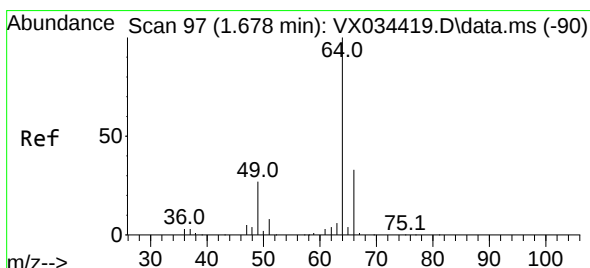
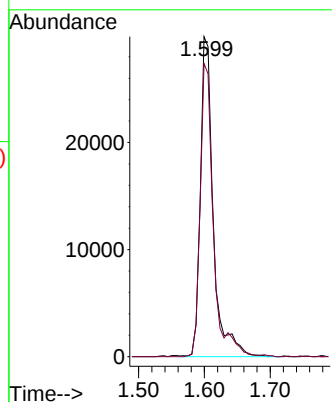
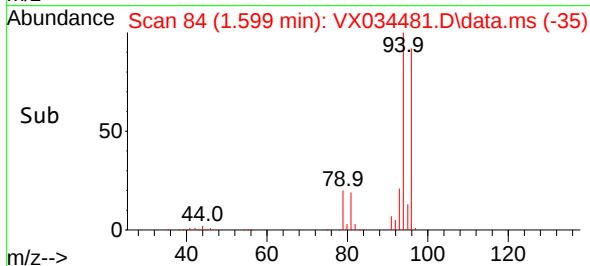
Instrument :
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Tgt Ion: 94 Resp: 40858
Ion Ratio Lower Upper
94 100
96 91.6 77.0 115.6

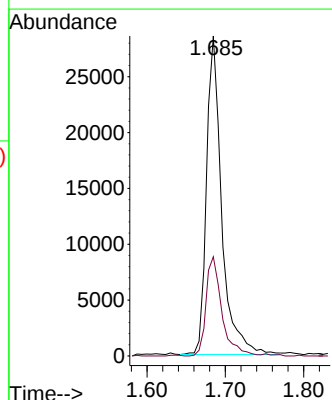
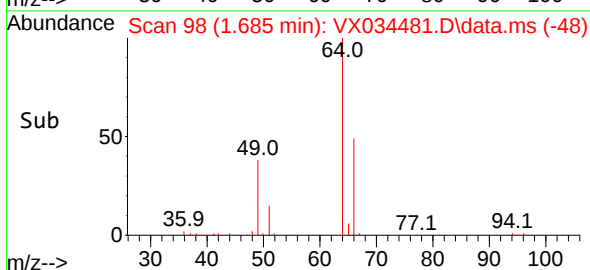
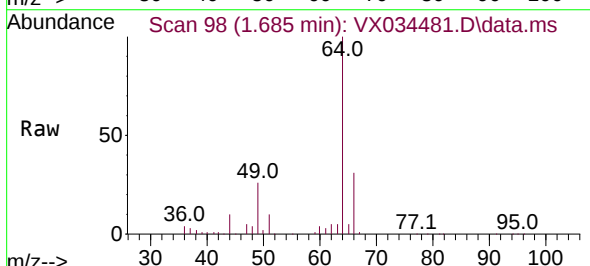
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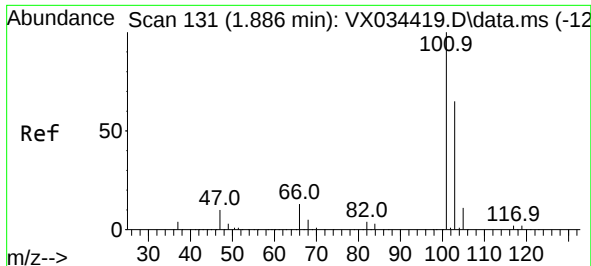
Reviewed By :John Carlone 03/15/2023
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#6
Chloroethane
Concen: 18.786 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034481.D
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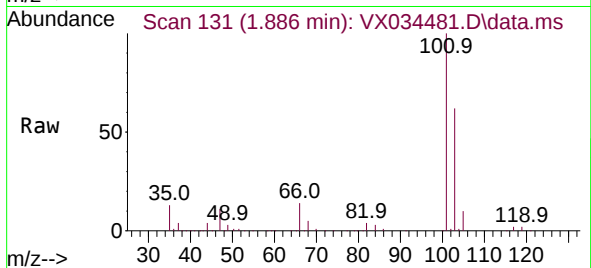
Tgt Ion: 64 Resp: 38431
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.823 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

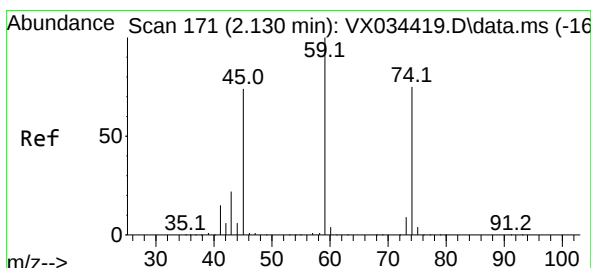
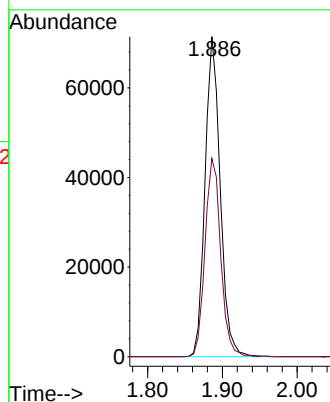
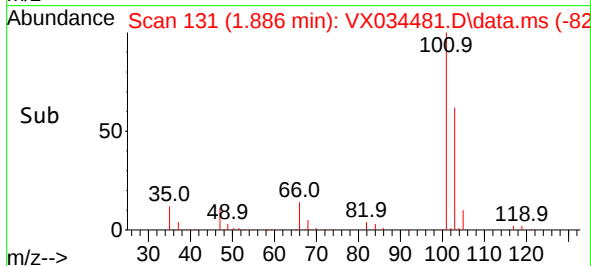
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



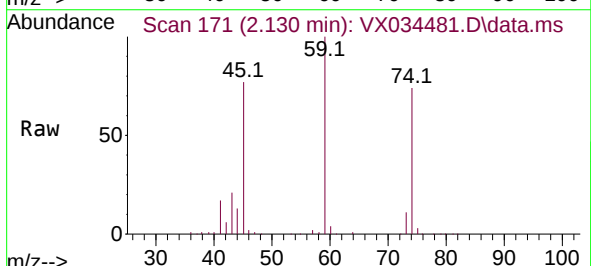
Tgt Ion:101 Resp: 100492
Ion Ratio Lower Upper
101 100
103 61.9 52.0 78.0

Manual Integrations
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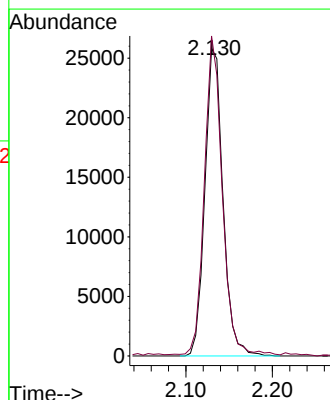
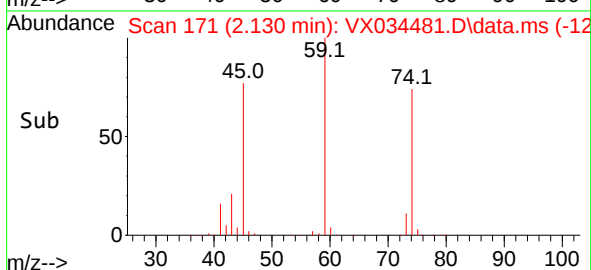
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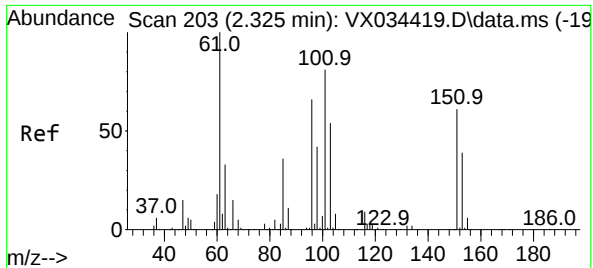


#8
Diethyl Ether
Concen: 19.250 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



Tgt Ion: 74 Resp: 37516
Ion Ratio Lower Upper
74 100
45 101.8 49.8 149.3





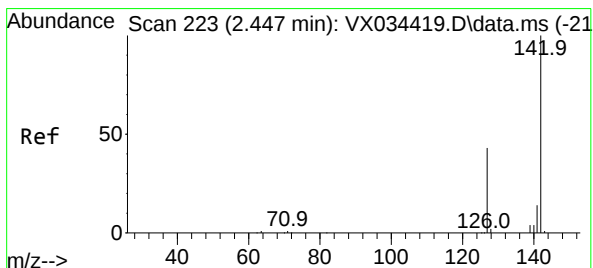
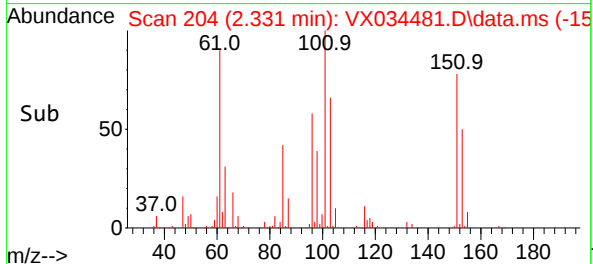
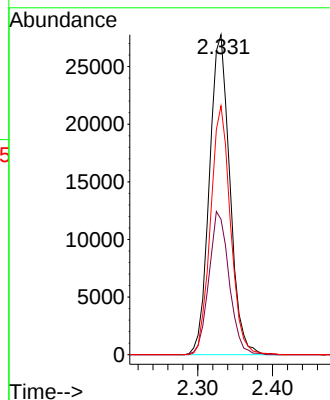
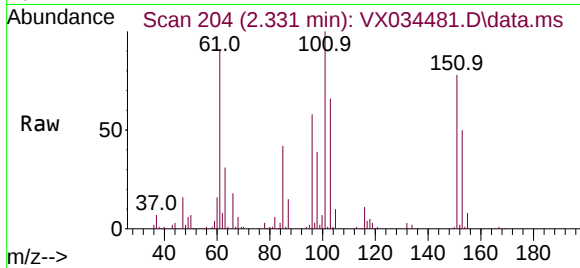
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.951 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion:101 Resp: 5274
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.2
151 75.9 60.2 90.4

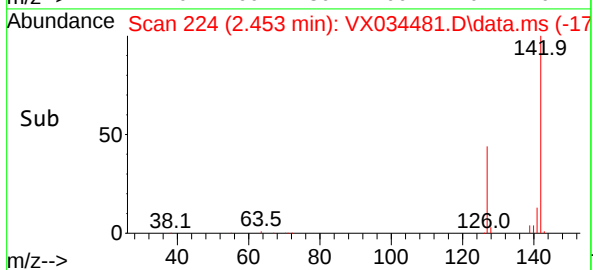
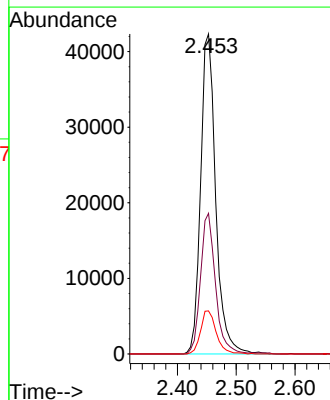
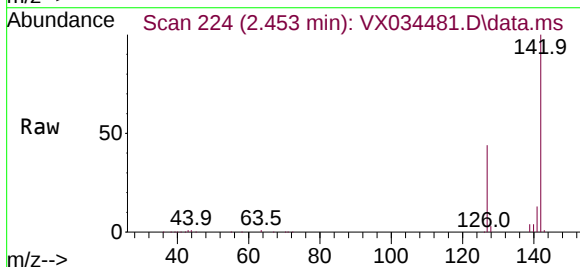
Manual Integrations
APPROVED

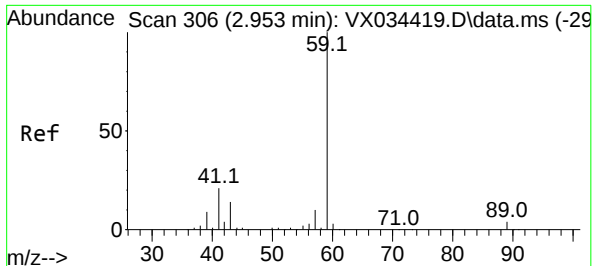
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 18.532 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion:142 Resp: 75698
Ion Ratio Lower Upper
142 100
127 43.9 34.0 51.0
141 14.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 86.710 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 59 Resp: 73520

Ion Ratio Lower Upper

59 100

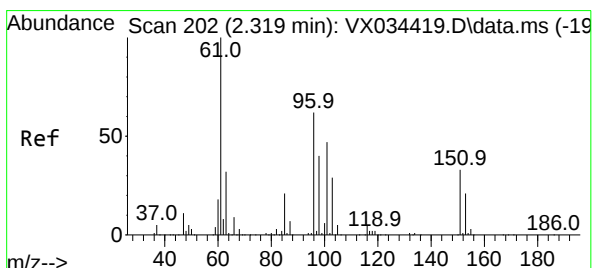
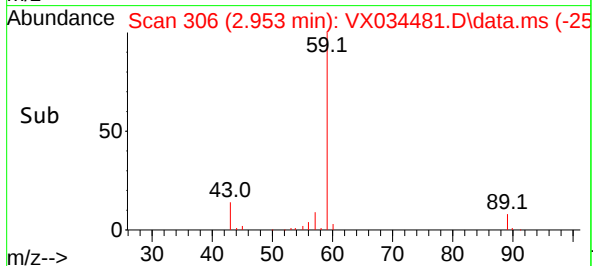
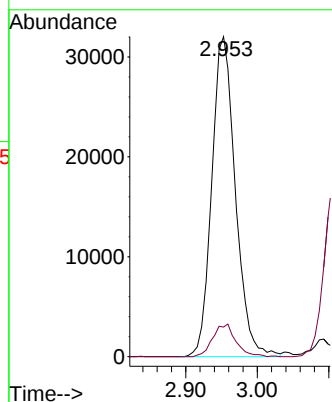
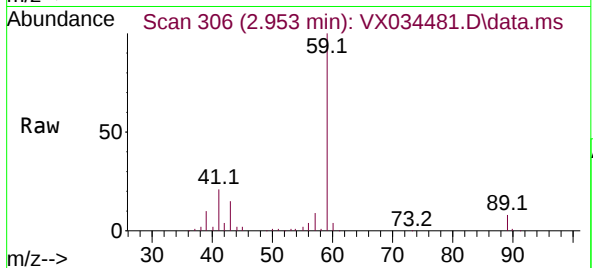
57 10.0 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#12

1,1-Dichloroethene

Concen: 16.971 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

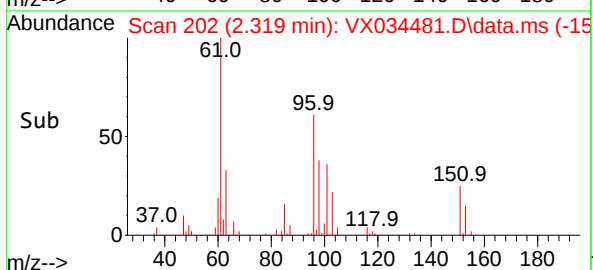
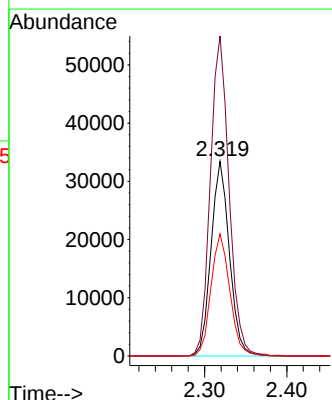
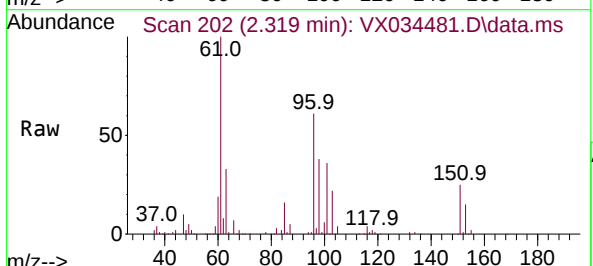
Tgt Ion: 96 Resp: 52002

Ion Ratio Lower Upper

96 100

61 164.5 128.8 193.2

98 62.8 51.4 77.0





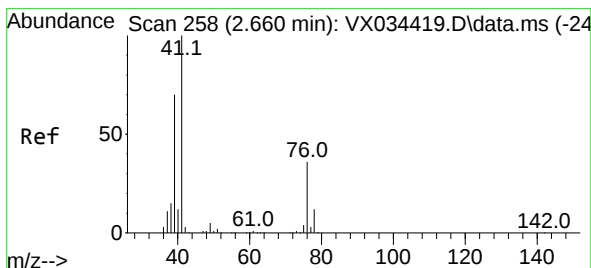
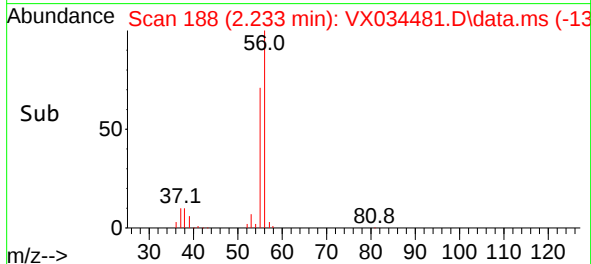
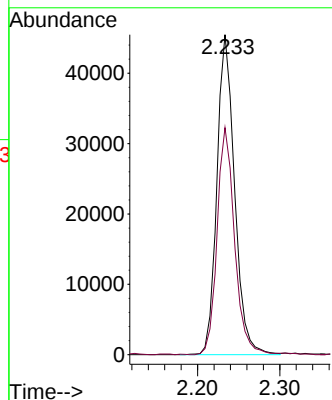
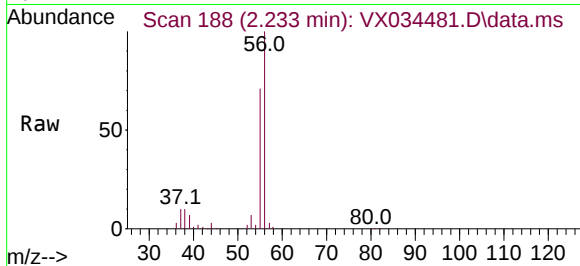
#13
Acrolein
Concen: 101.330 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion: 56 Resp: 67974
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

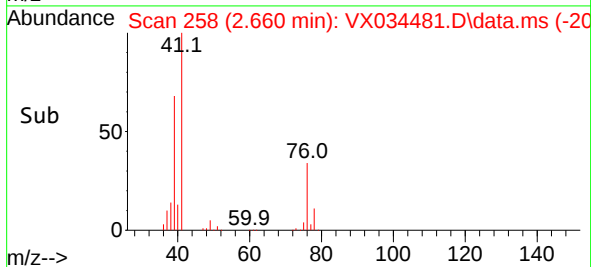
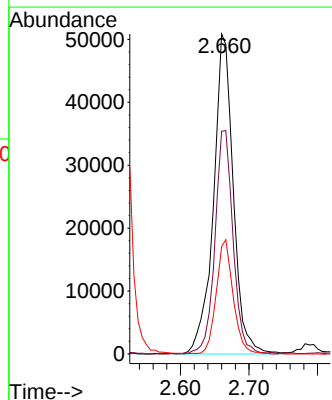
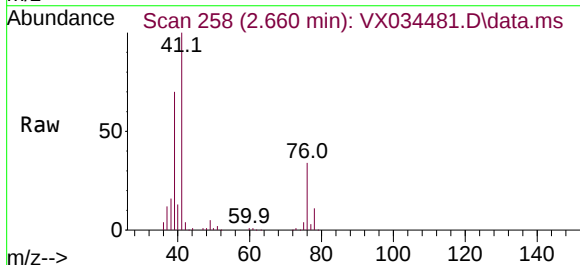
Manual Integrations
APPROVED

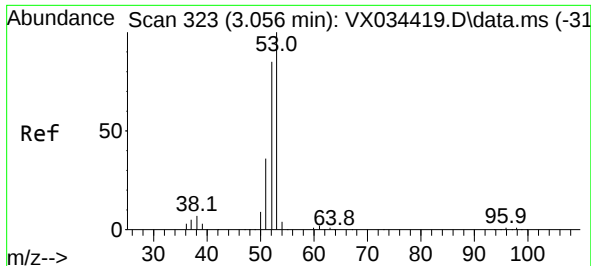
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Allyl chloride
Concen: 16.463 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

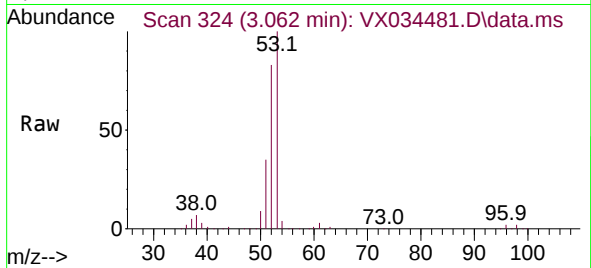
Tgt Ion: 41 Resp: 102269
Ion Ratio Lower Upper
41 100
39 64.1 52.4 78.6
76 30.4 26.0 39.0





#15
Acrylonitrile
Concen: 91.702 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

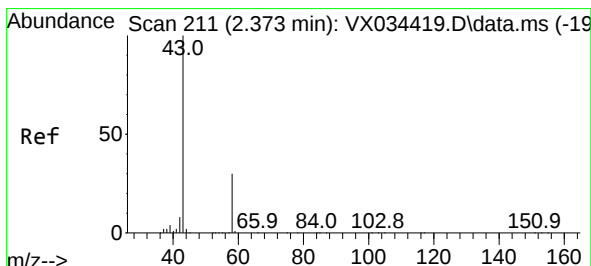
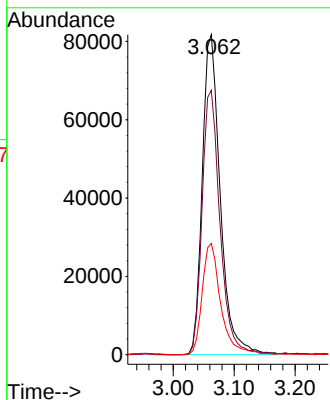
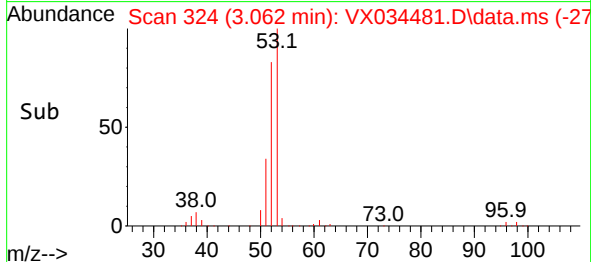
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion: 53 Resp: 167975
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.2
51 35.8 28.3 42.5

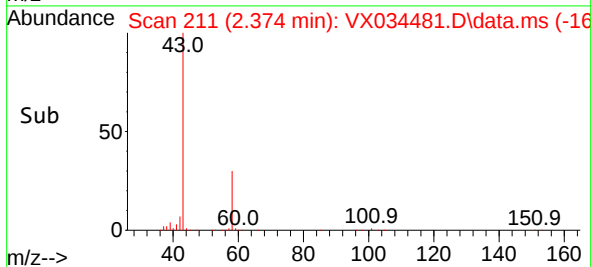
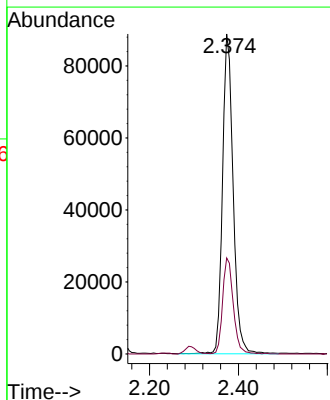
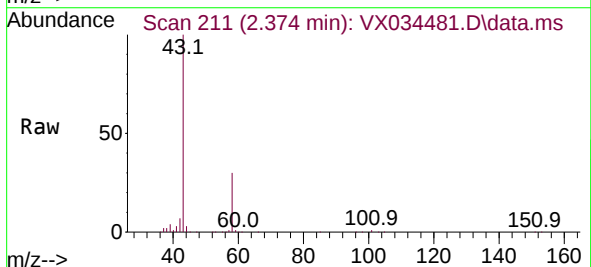
Manual Integrations
APPROVED

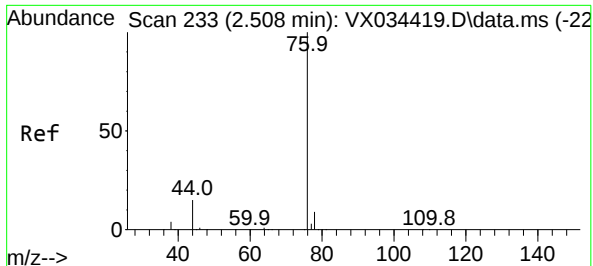
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#16
Acetone
Concen: 76.500 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion: 43 Resp: 146735
Ion Ratio Lower Upper
43 100
58 30.0 24.7 37.1





#17

Carbon Disulfide

Concen: 15.049 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 76 Resp: 12977

Ion Ratio Lower Upper

76 100

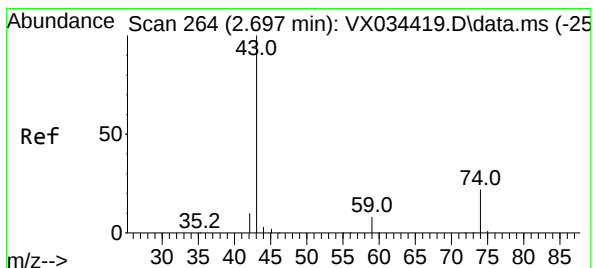
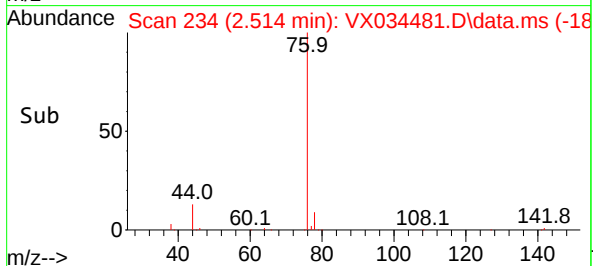
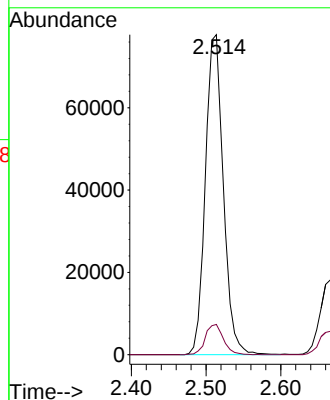
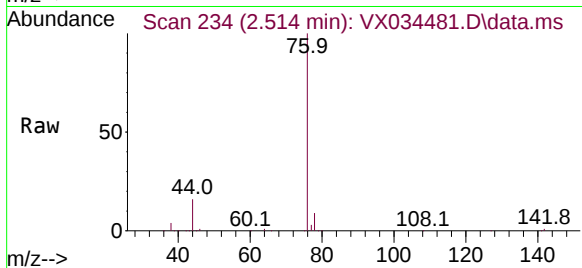
78 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#18

Methyl Acetate

Concen: 18.538 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034481.D

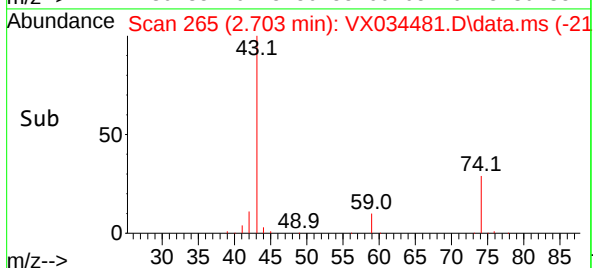
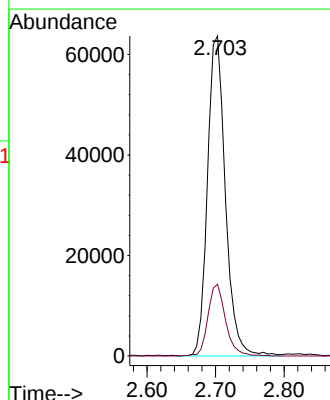
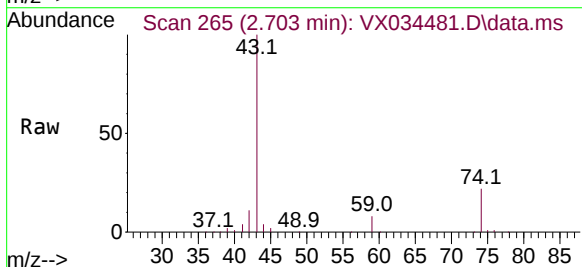
Acq: 15 Mar 2023 04:10

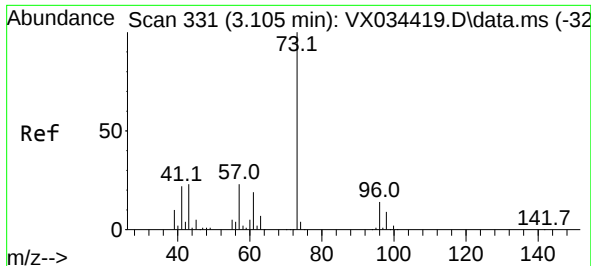
Tgt Ion: 43 Resp: 116184

Ion Ratio Lower Upper

43 100

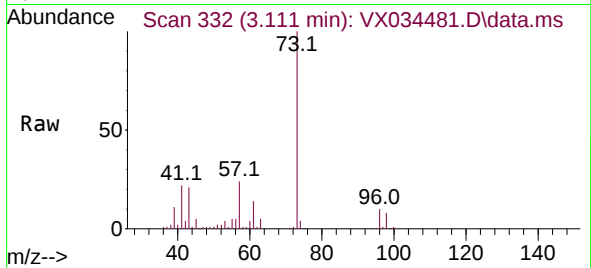
74 22.0 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 17.907 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

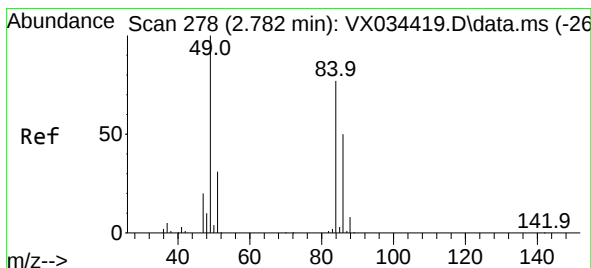
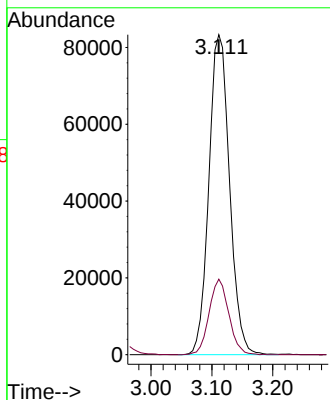
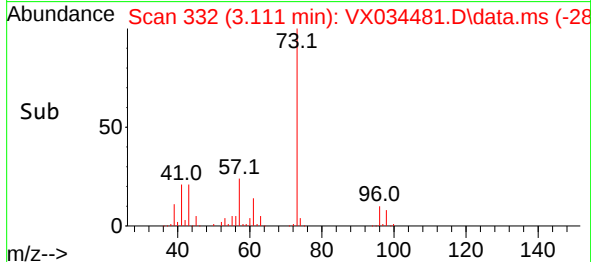
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion: 73 Resp: 196454
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7

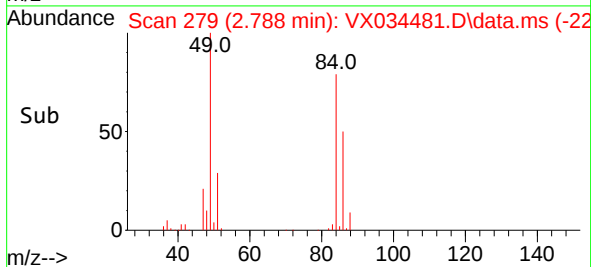
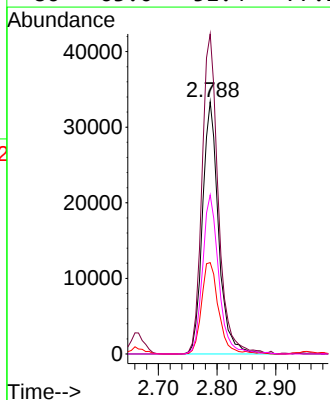
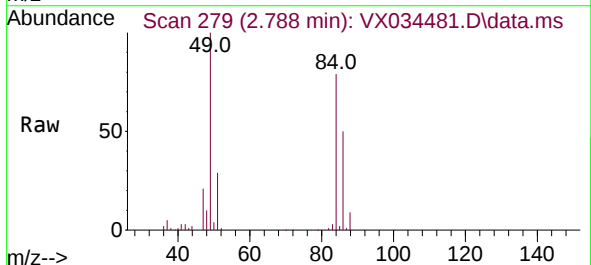
Manual Integrations
APPROVED

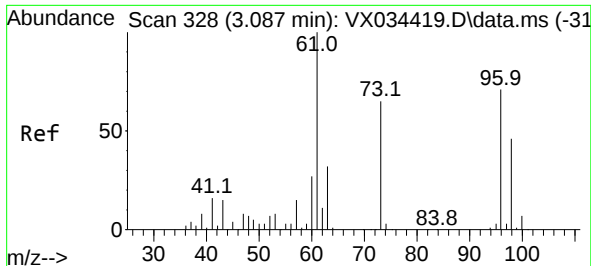
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 17.061 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

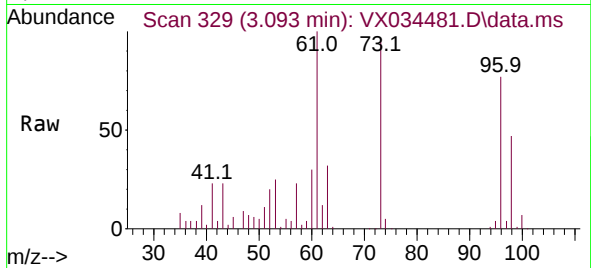
Tgt Ion: 84 Resp: 63511
Ion Ratio Lower Upper
84 100
49 126.9 103.8 155.8
51 36.2 31.8 47.8
86 63.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 17.802 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

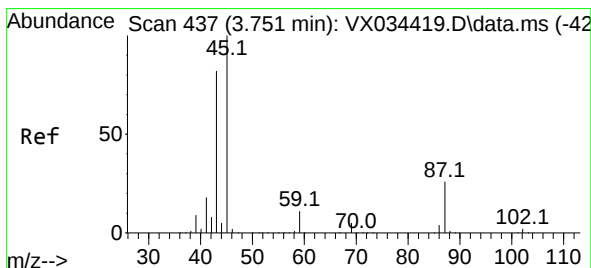
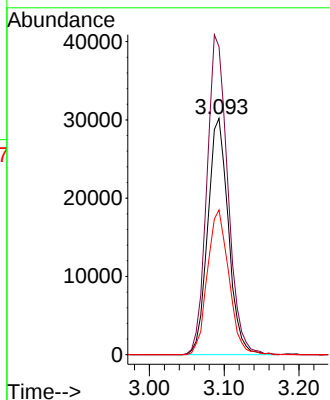
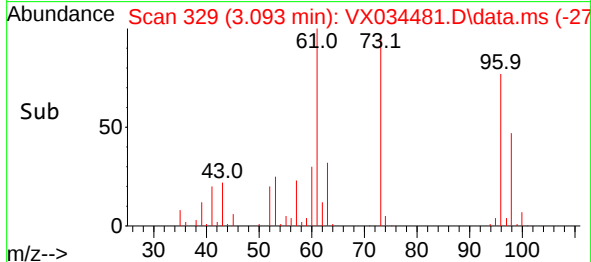
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



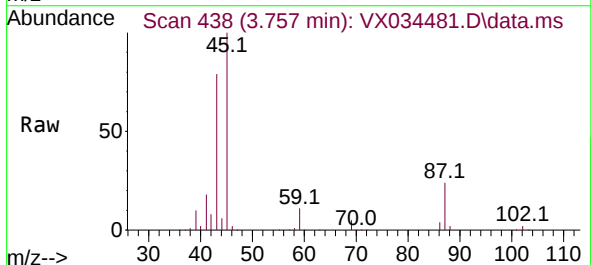
Tgt Ion: 96 Resp: 57930
Ion Ratio Lower Upper
96 100
61 130.4 113.0 169.6
98 61.3 52.1 78.1

Manual Integrations
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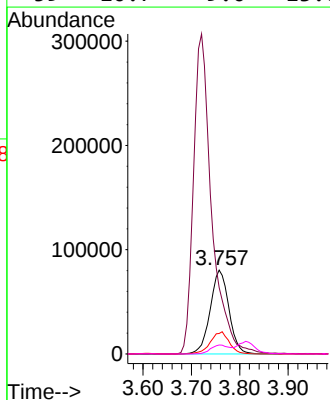
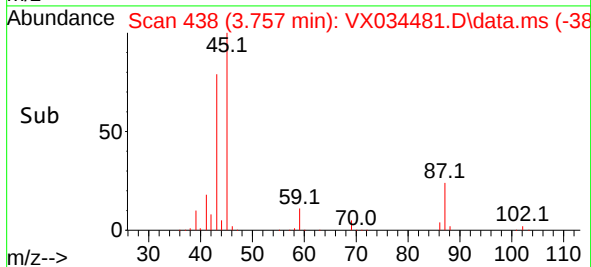
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

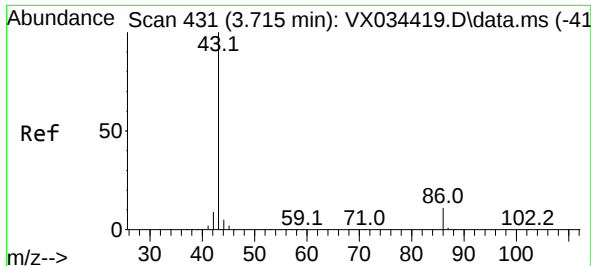


#22
Diisopropyl ether
Concen: 18.222 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



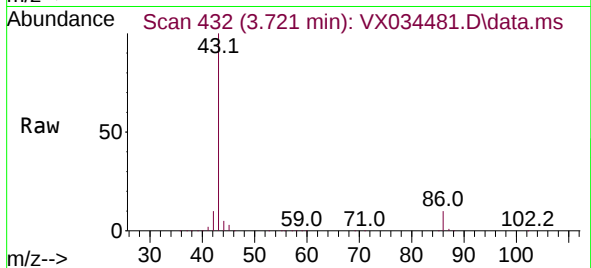
Tgt Ion: 45 Resp: 215817
Ion Ratio Lower Upper
45 100
43 78.8 65.4 98.2
87 24.4 20.6 31.0
59 10.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 89.138 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034481.D
 Acq: 15 Mar 2023 04:10

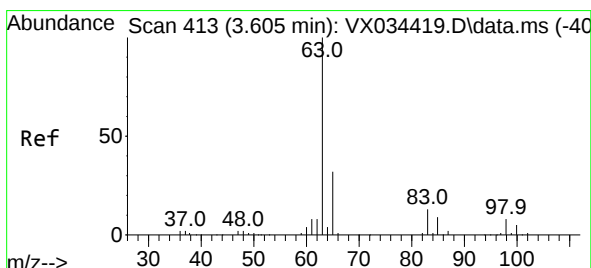
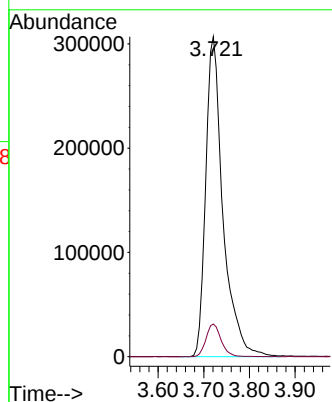
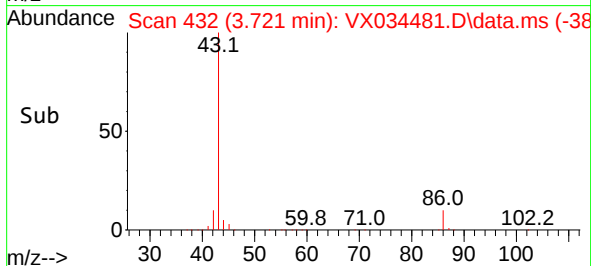
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD02



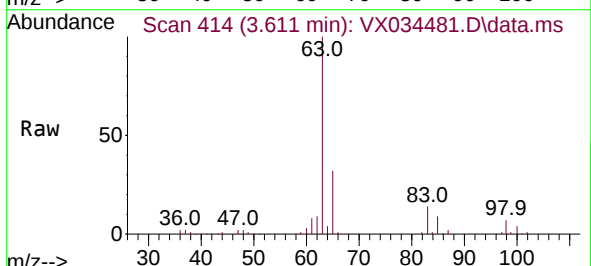
Tgt Ion: 43 Resp: 803498
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

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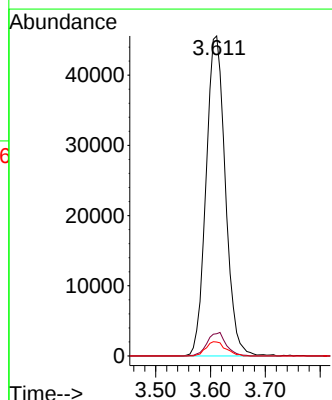
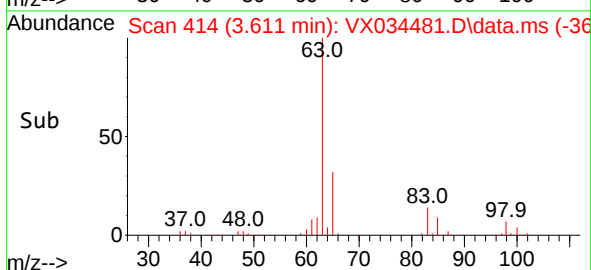
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

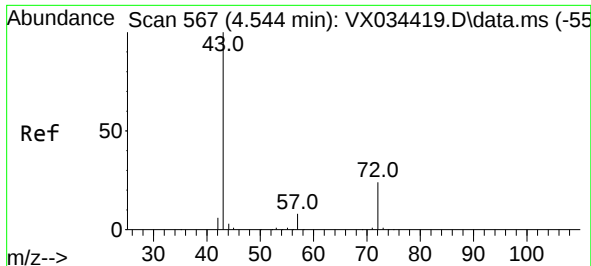


#24
 1,1-Dichloroethane
 Concen: 17.452 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034481.D
 Acq: 15 Mar 2023 04:10



Tgt Ion: 63 Resp: 111117
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.3 2.4 7.1





#25

2-Butanone

Concen: 86.291 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 43 Resp: 236829

Ion Ratio Lower Upper

43 100

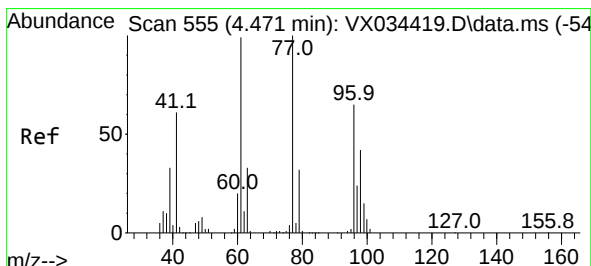
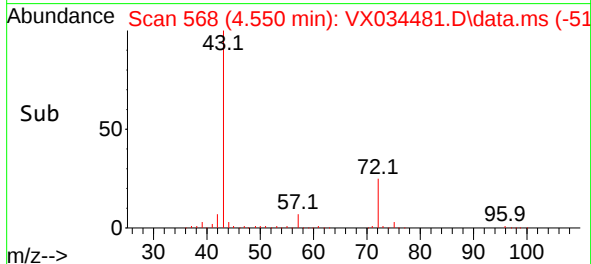
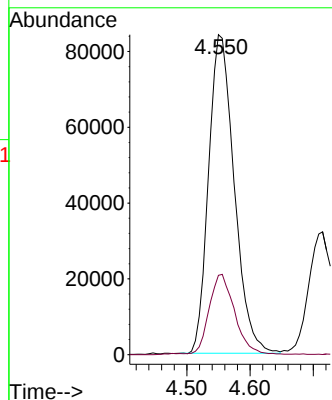
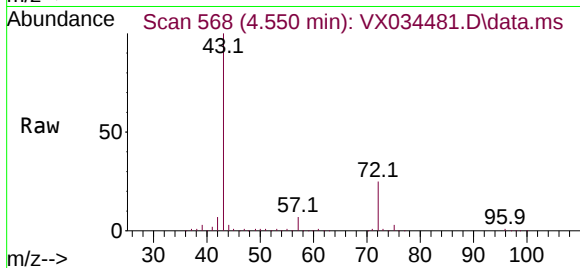
72 24.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#26

2,2-Dichloropropane

Concen: 14.106 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX034481.D

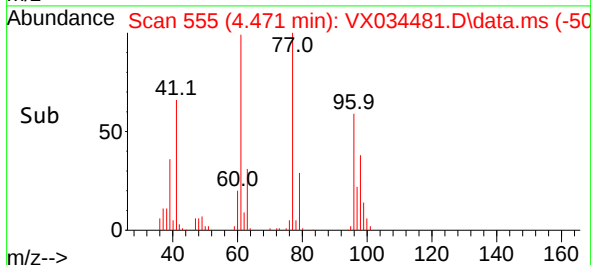
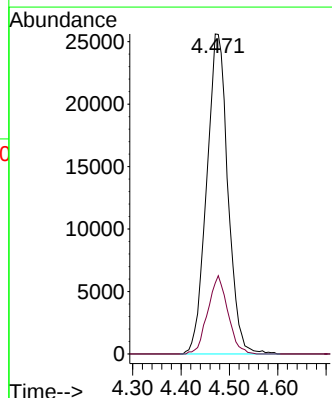
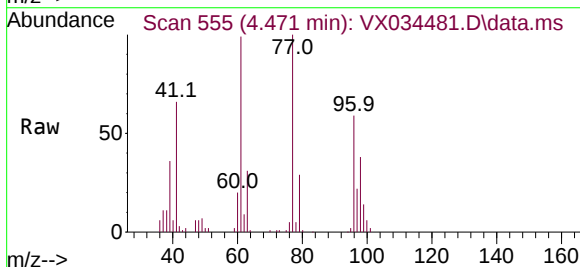
Acq: 15 Mar 2023 04:10

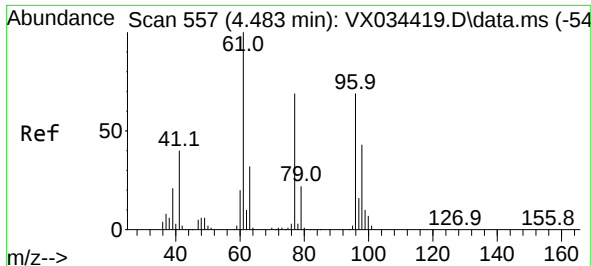
Tgt Ion: 77 Resp: 78067

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.382 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

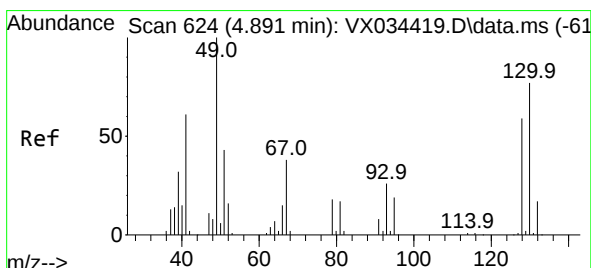
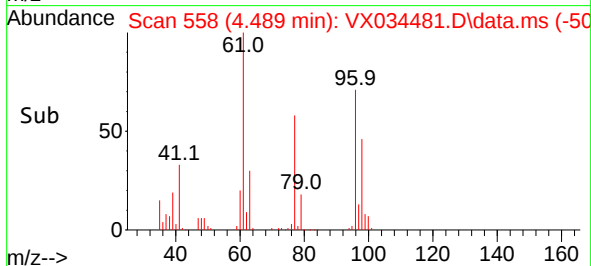
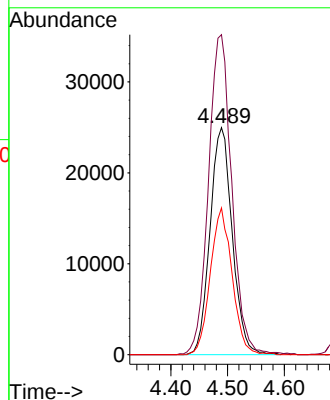
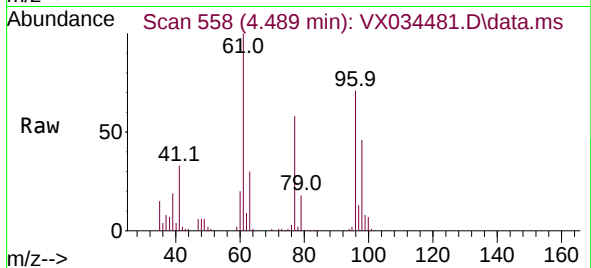
Tgt Ion: 96	Resp: 68092
Ion Ratio	Lower Upper
96 100	
61 147.7	0.0 300.4
98 63.3	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#28

Bromochloromethane

Concen: 21.267 ug/l

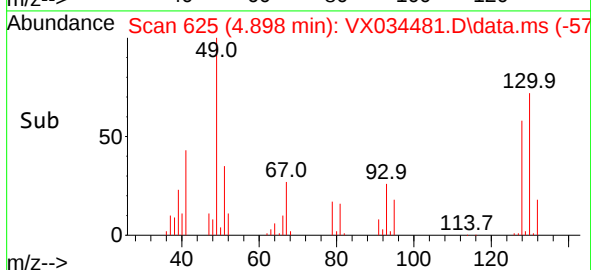
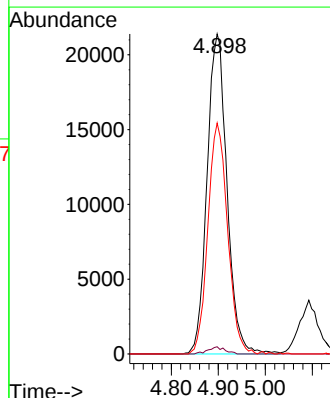
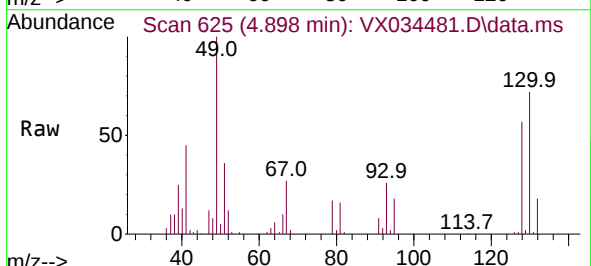
RT: 4.898 min Scan# 625

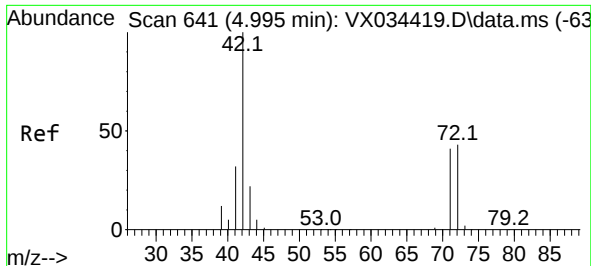
Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Tgt Ion: 49	Resp: 62958
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 4.0
130 71.2	58.2 87.2





#29

Tetrahydrofuran

Concen: 91.786 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034481.D

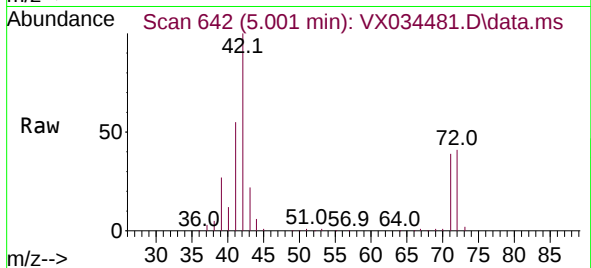
Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02



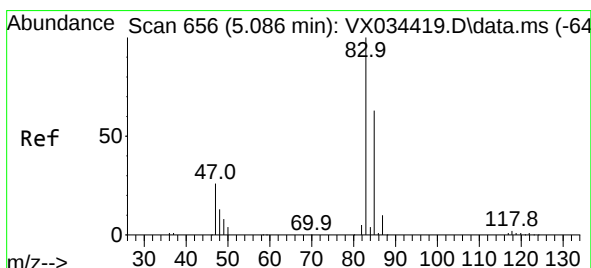
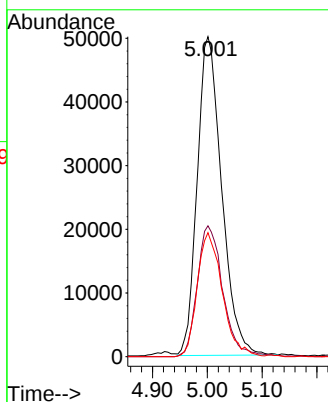
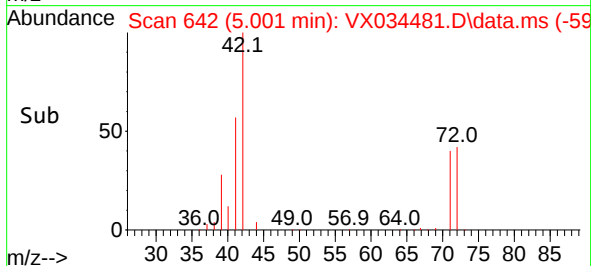
Tgt Ion:	42	Resp:	15544
Ion Ratio	100	Lower	Upper
42	100		
72	42.9	34.5	51.7
71	39.8	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 18.106 ug/l

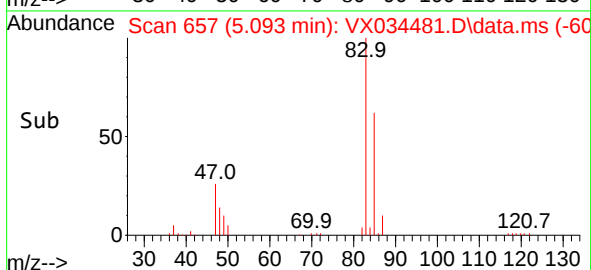
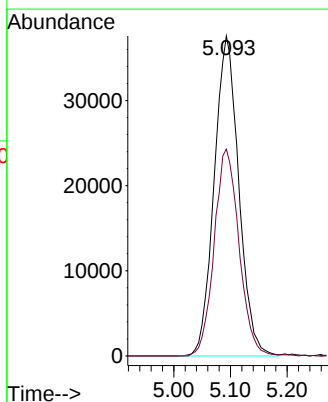
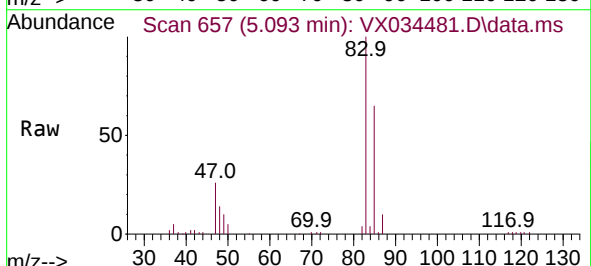
RT: 5.093 min Scan# 657

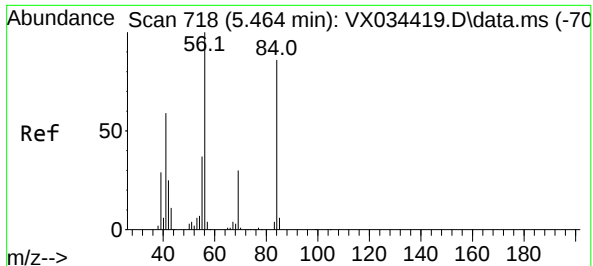
Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

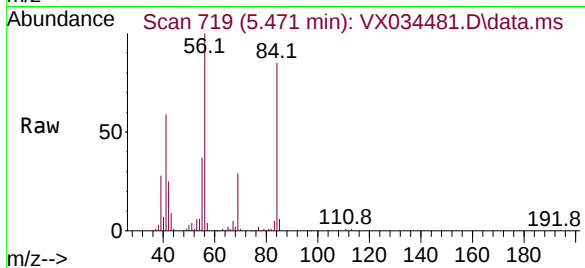
Tgt Ion:	83	Resp:	113002
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	50.6	76.0





#31
Cyclohexane
Concen: 17.420 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

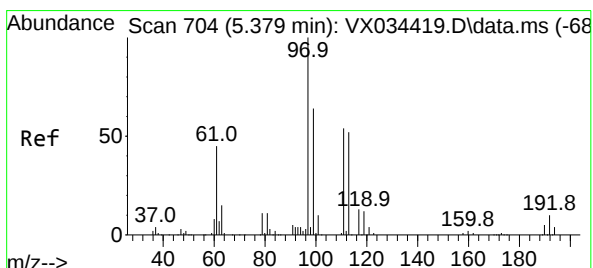
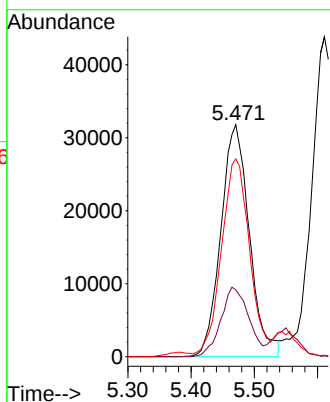
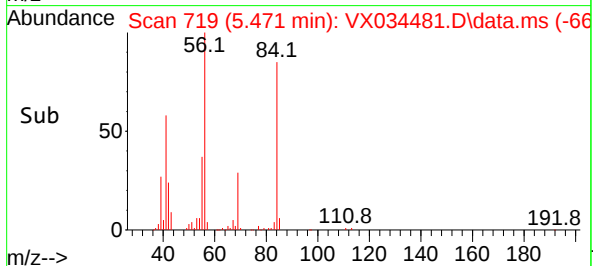
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion: 56 Resp: 99480
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 83.3 68.5 102.7

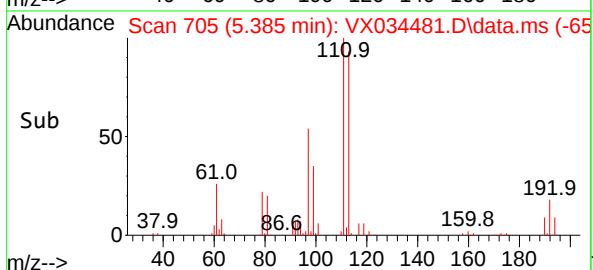
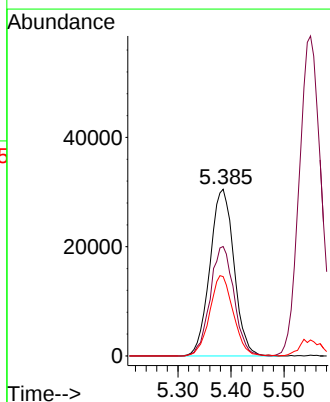
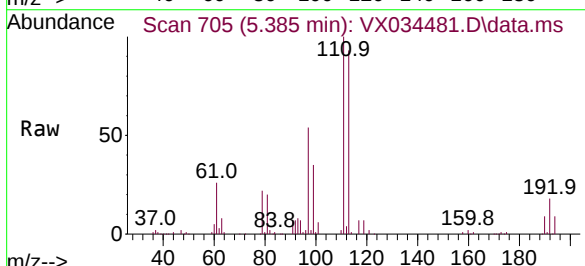
Manual Integrations
APPROVED

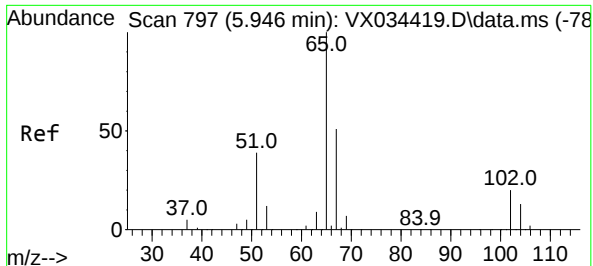
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#32
1,1,1-Trichloroethane
Concen: 17.389 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion: 97 Resp: 96075
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 47.1 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.135 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 65 Resp: 200074

Ion Ratio Lower Upper

65 100

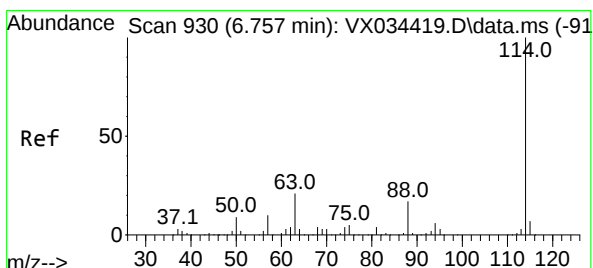
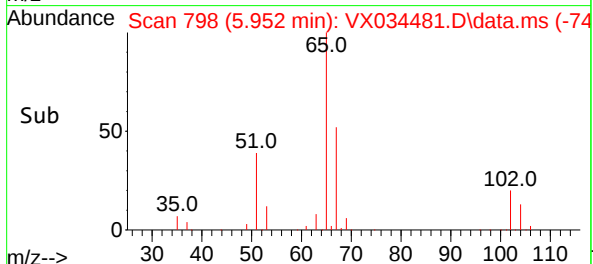
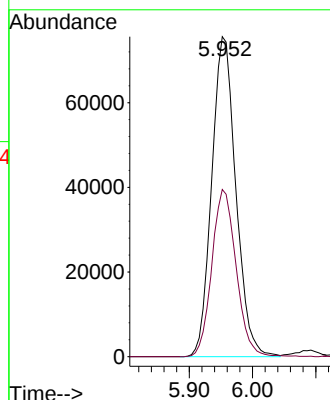
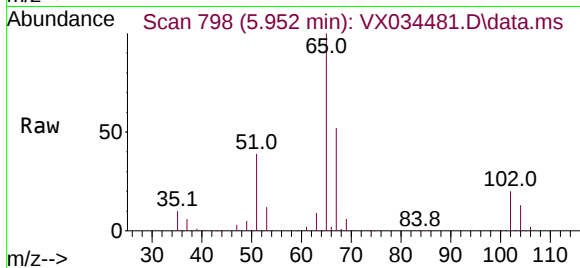
67 52.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

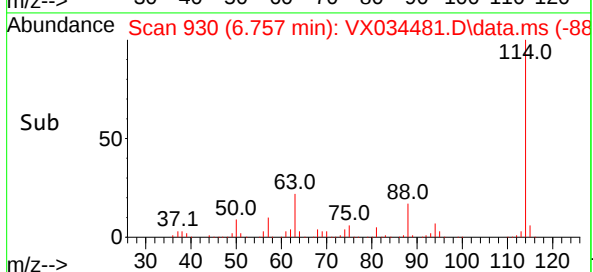
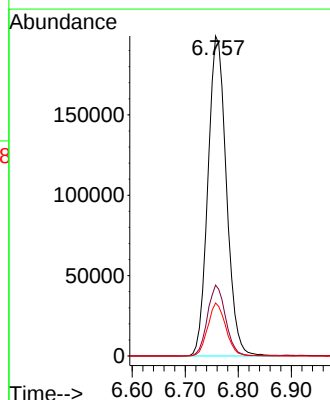
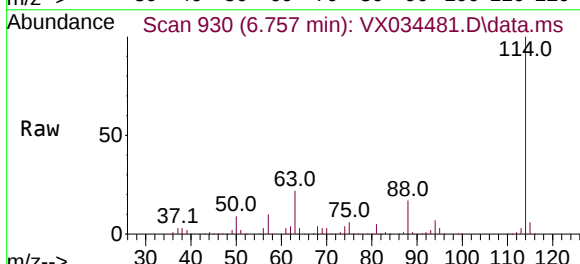
Tgt Ion:114 Resp: 481376

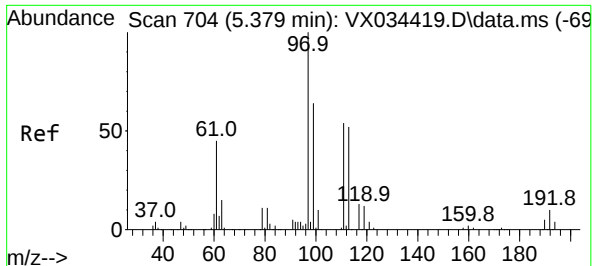
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.372 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034481.D

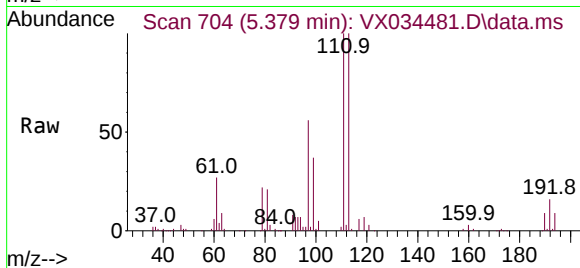
Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02



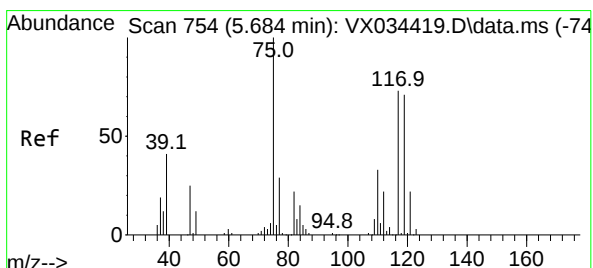
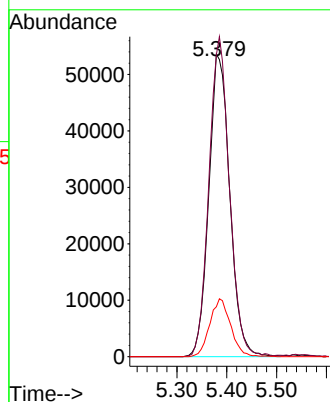
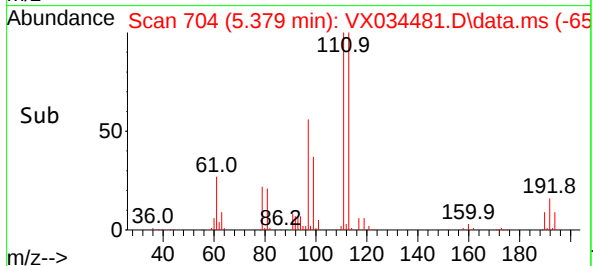
Tgt Ion:	113	Resp:	15691
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.7	125.5
192	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#36

1,1-Dichloropropene

Concen: 16.460 ug/l

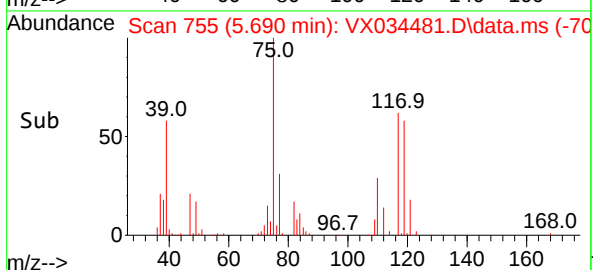
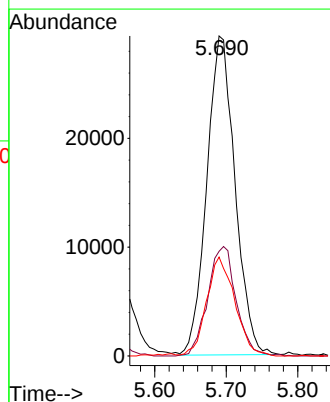
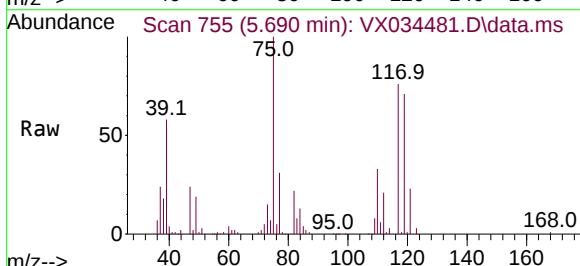
RT: 5.690 min Scan# 755

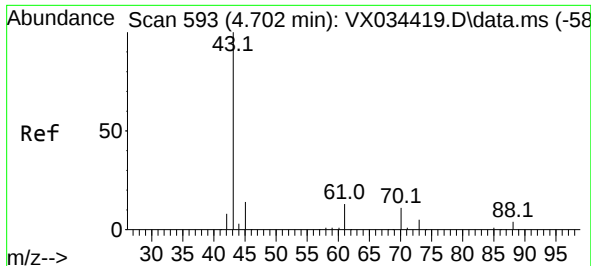
Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Tgt Ion:	75	Resp:	80351
Ion Ratio	Lower	Upper	
75	100		
110	34.7	17.5	52.5
77	31.2	24.3	36.5





#37

Ethyl Acetate

Concen: 17.902 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 43 Resp: 95474

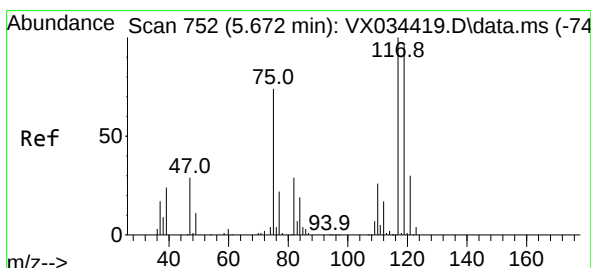
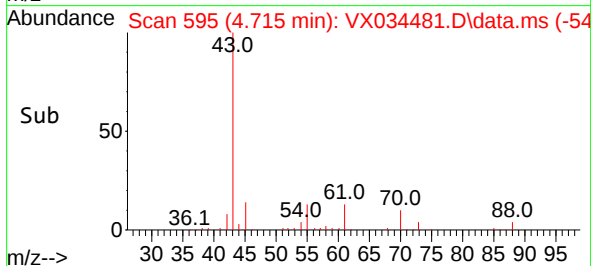
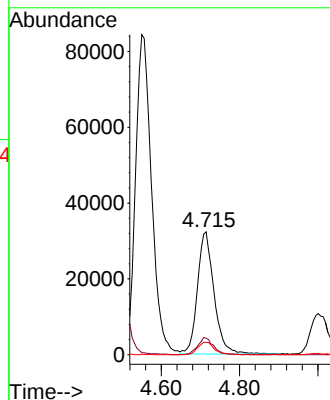
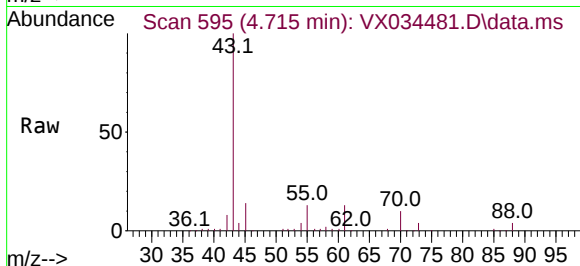
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	9.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 16.640 ug/l

RT: 5.678 min Scan# 753

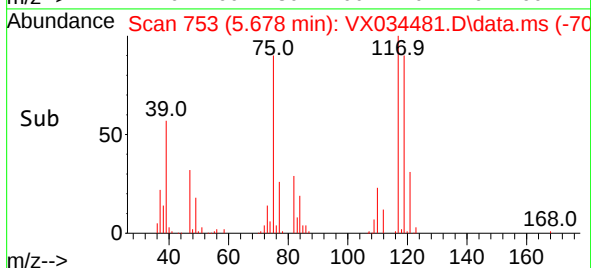
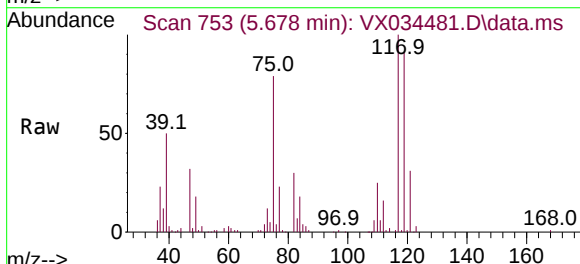
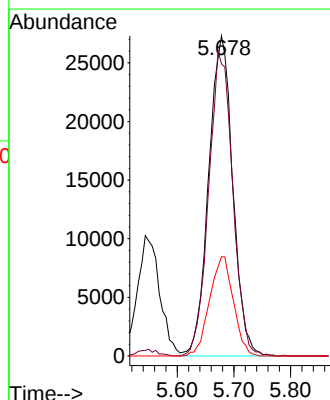
Delta R.T. 0.006 min

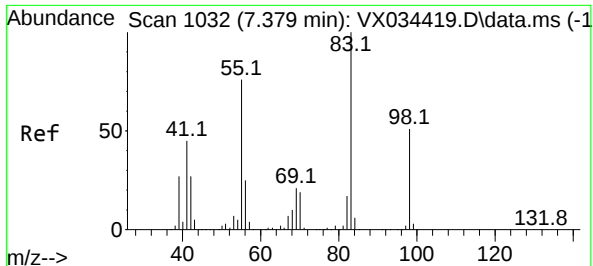
Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Tgt Ion:117 Resp: 80808

Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.6	114.8
121	31.0	23.8	35.6





#39

Methylcyclohexane

Concen: 16.324 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 83 Resp: 95362

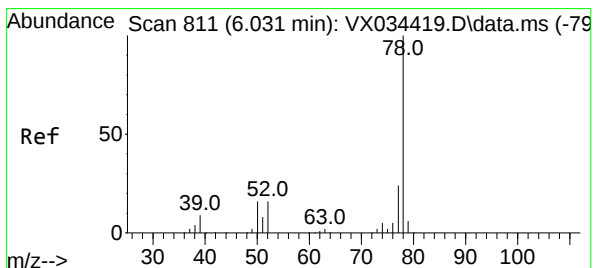
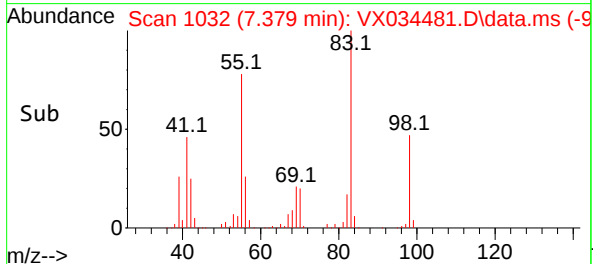
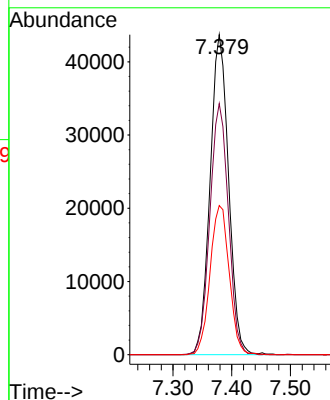
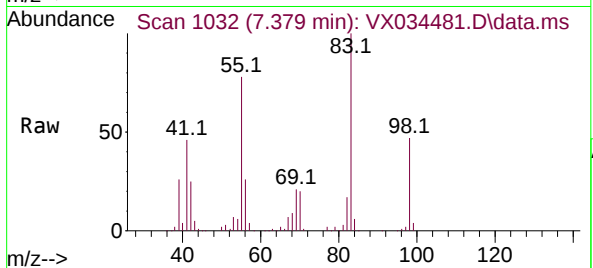
Ion	Ratio	Lower	Upper
83	100		
55	78.5	60.5	90.7
98	46.6	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 17.160 ug/l

RT: 6.038 min Scan# 812

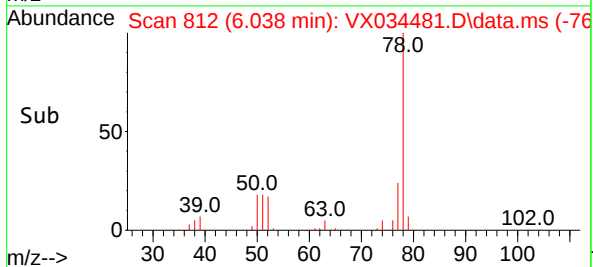
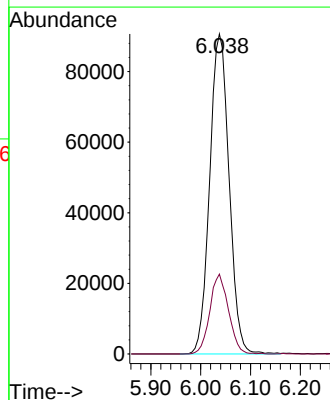
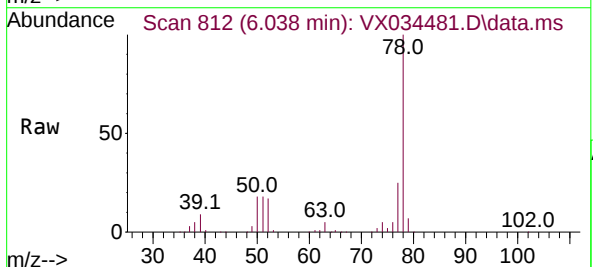
Delta R.T. 0.006 min

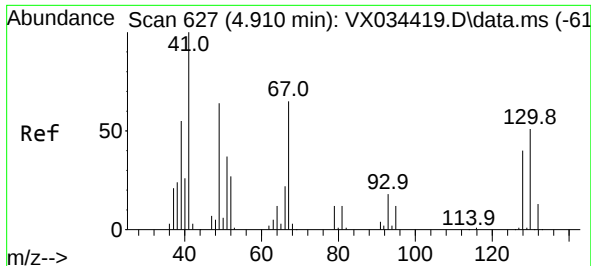
Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Tgt Ion: 78 Resp: 245050

Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.0	28.4





#41
Methacrylonitrile
Concen: 17.857 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

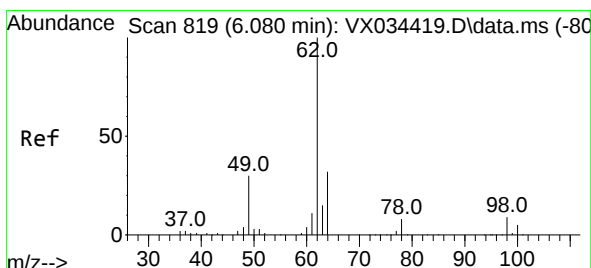
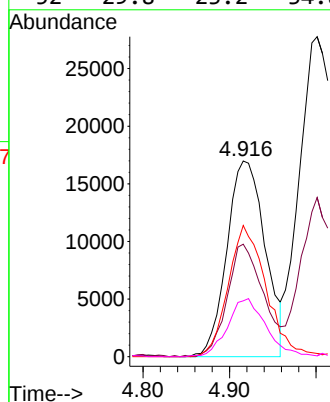
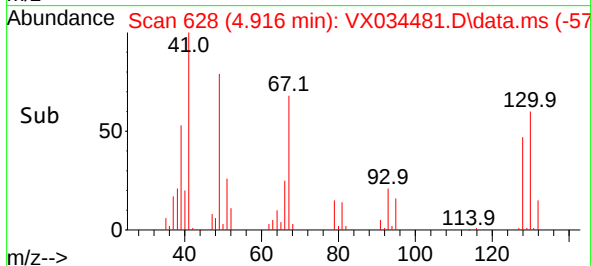
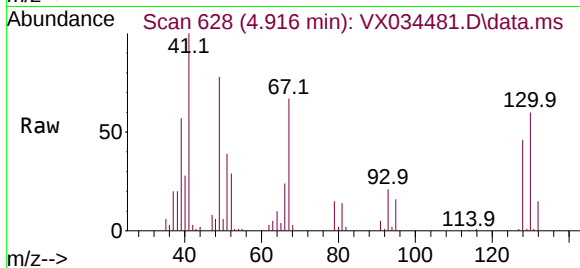
Tgt Ion: 41 Resp: 5219
Ion Ratio Lower Upper
41 100
39 53.9 45.0 67.6
67 67.0 55.6 83.4
52 29.8 23.2 34.8

Manual Integrations

APPROVED

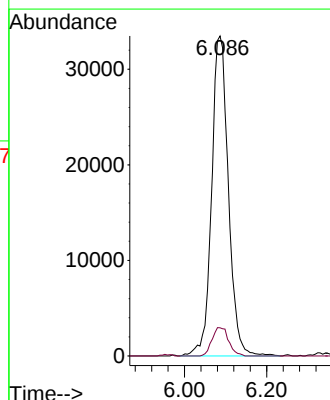
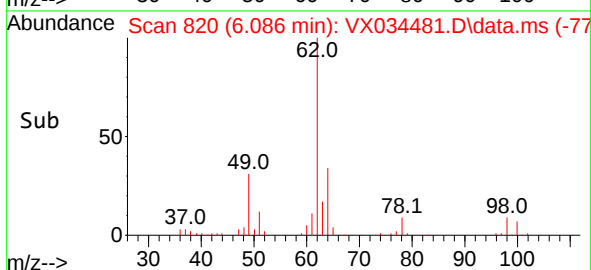
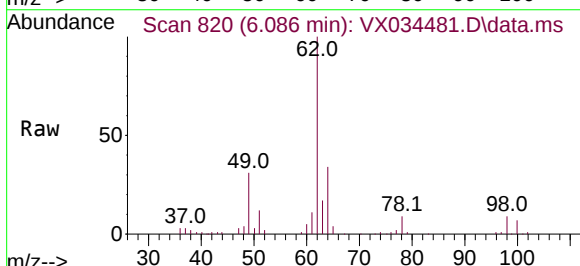
Reviewed By :John Carlone 03/15/2023

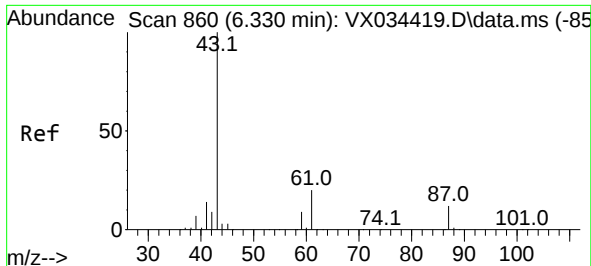
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 18.089 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion: 62 Resp: 94938
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 17.275 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 43 Resp: 15606

Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

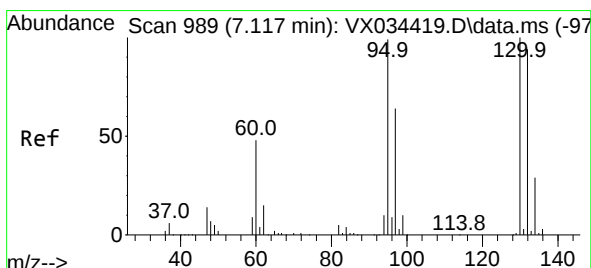
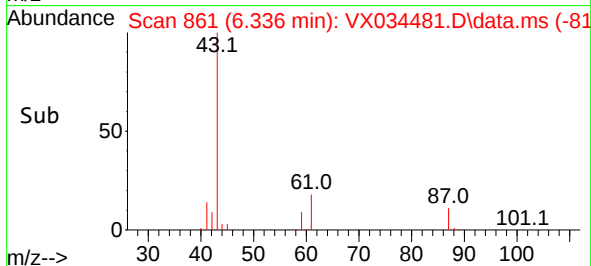
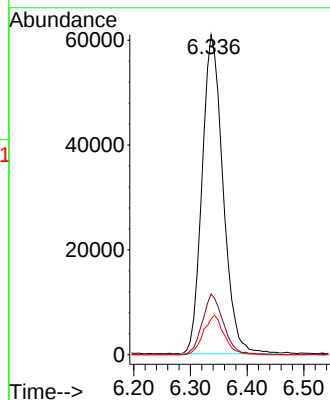
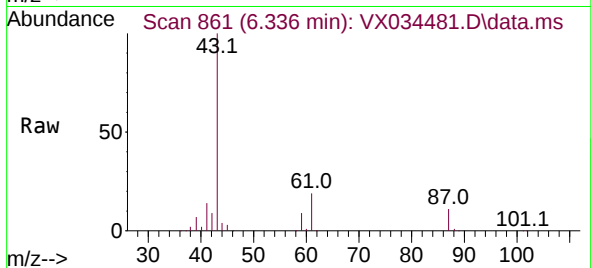
87 12.1 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#44

Trichloroethene

Concen: 16.907 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034481.D

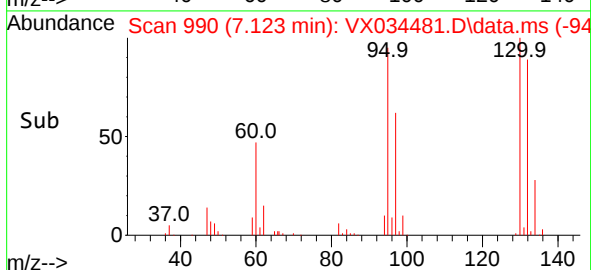
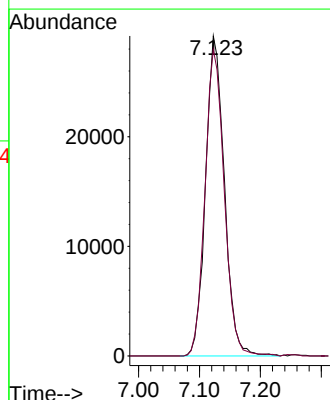
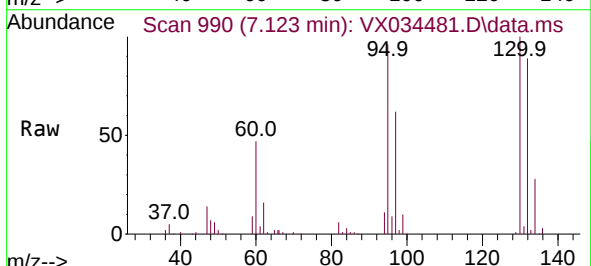
Acq: 15 Mar 2023 04:10

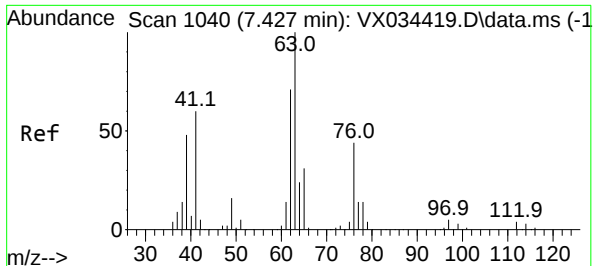
Tgt Ion:130 Resp: 62733

Ion Ratio Lower Upper

130 100

95 95.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 17.688 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 63 Resp: 6595

Ion Ratio Lower Upper

63 100

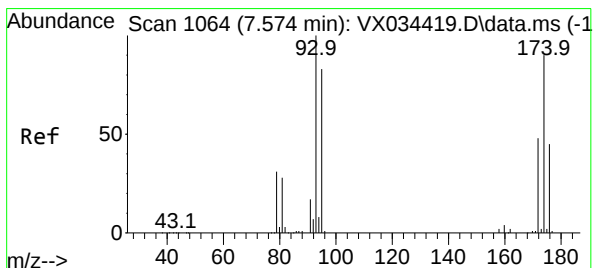
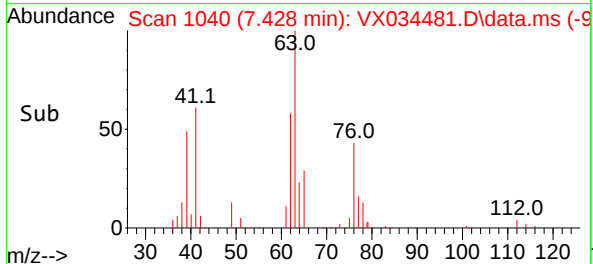
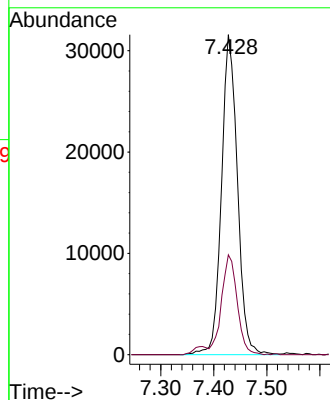
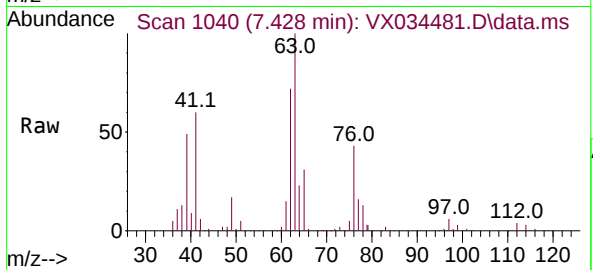
65 31.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 17.265 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

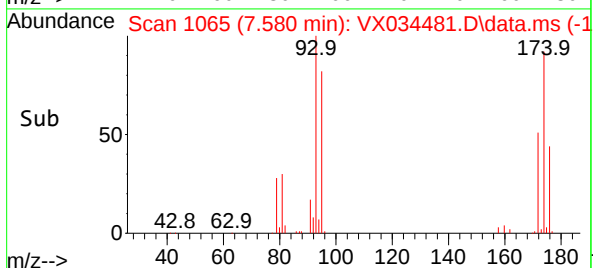
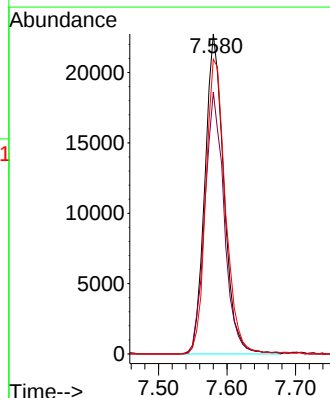
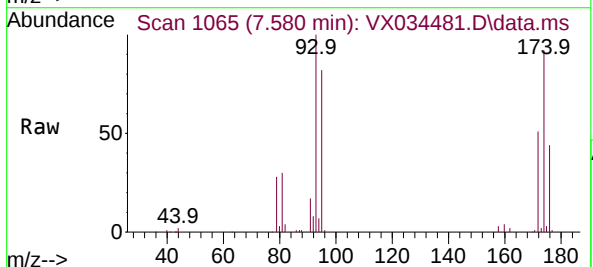
Tgt Ion: 93 Resp: 43766

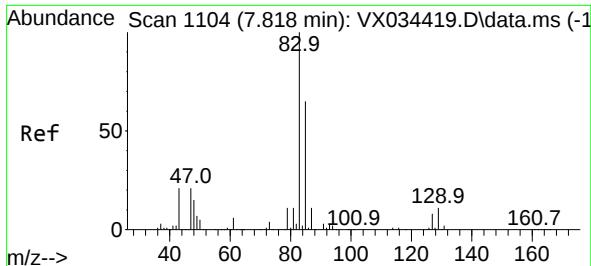
Ion Ratio Lower Upper

93 100

95 84.0 66.9 100.3

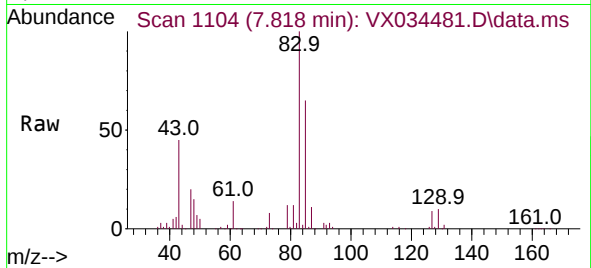
174 95.5 75.4 113.0





#47
Bromodichloromethane
Concen: 17.109 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

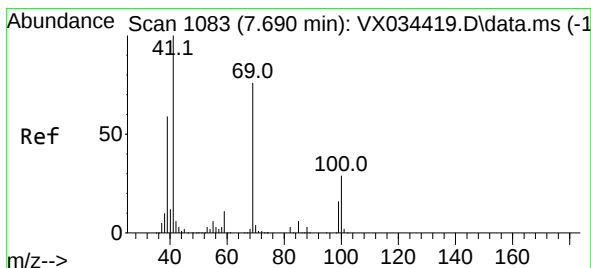
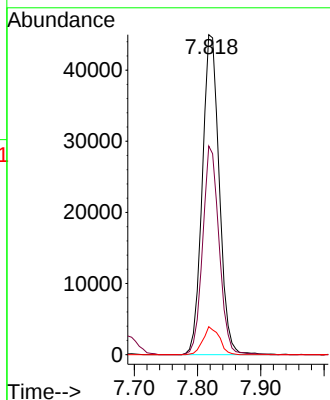
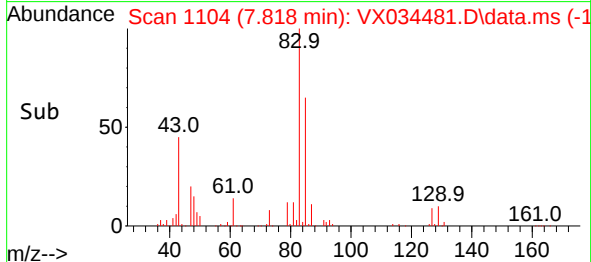
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion: 83 Resp: 83939
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.4
127 8.8 6.6 9.8

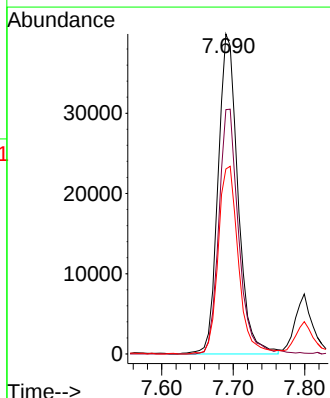
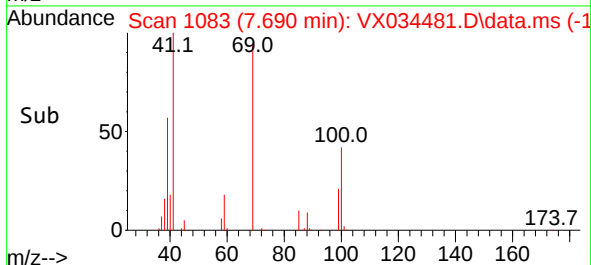
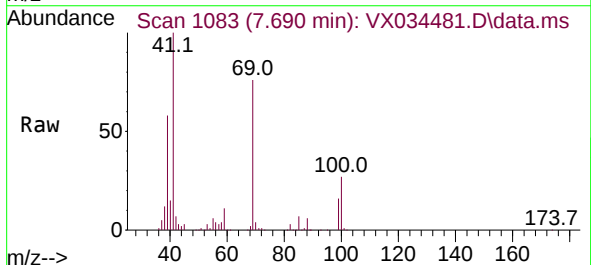
Manual Integrations
APPROVED

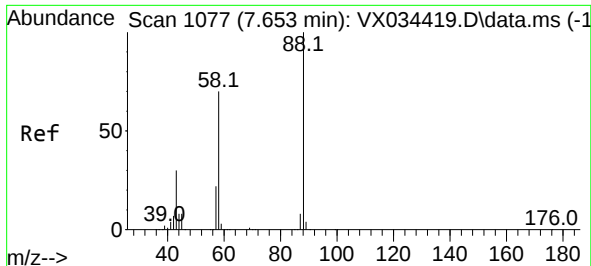
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Methyl methacrylate
Concen: 17.748 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion: 41 Resp: 77119
Ion Ratio Lower Upper
41 100
69 76.2 62.2 93.4
39 59.8 47.7 71.5





#49

1,4-Dioxane

Concen: 385.387 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 88 Resp: 35172

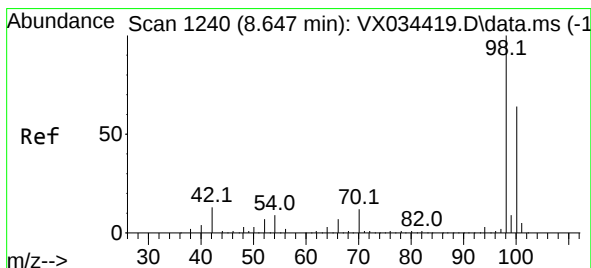
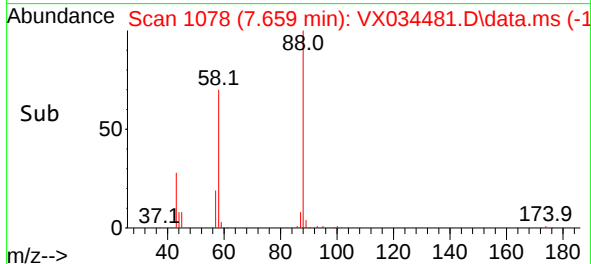
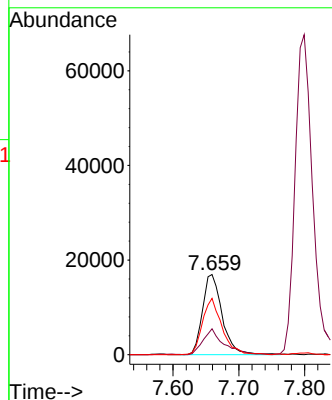
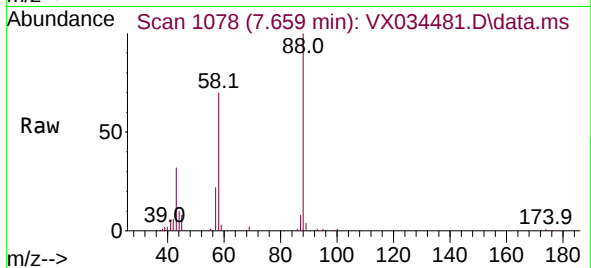
Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.7	41.5
58	69.8	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 49.267 ug/l

RT: 8.647 min Scan# 1240

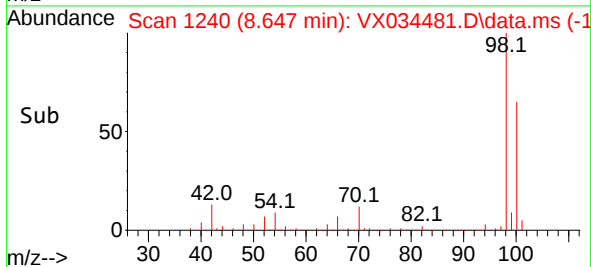
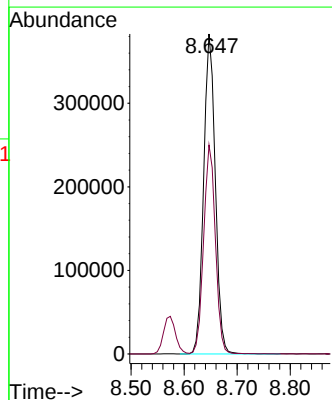
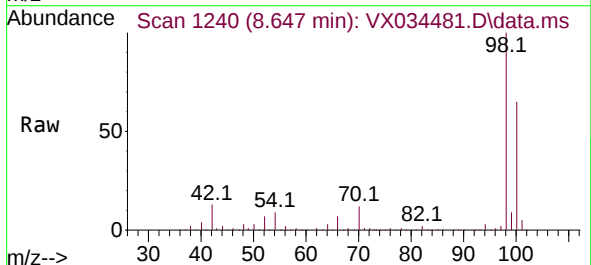
Delta R.T. 0.000 min

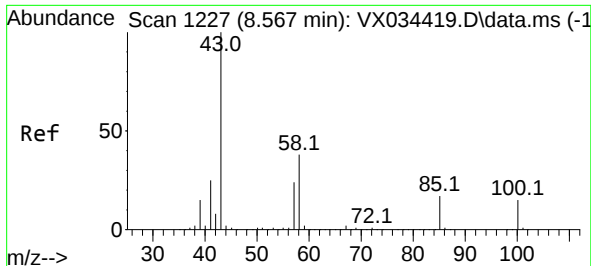
Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Tgt Ion: 98 Resp: 584543

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





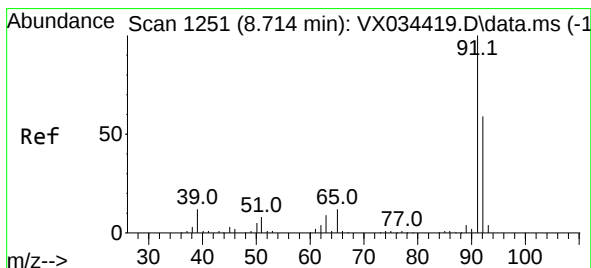
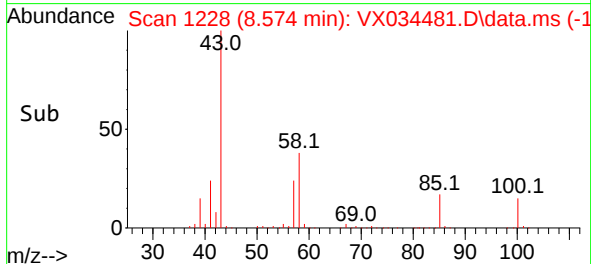
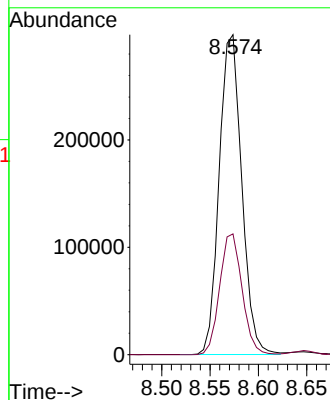
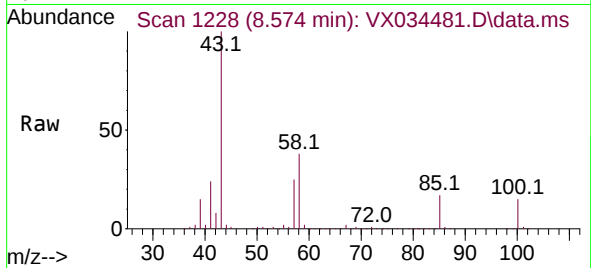
#51
4-Methyl-2-Pentanone
Concen: 92.038 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion: 43 Resp: 48237
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

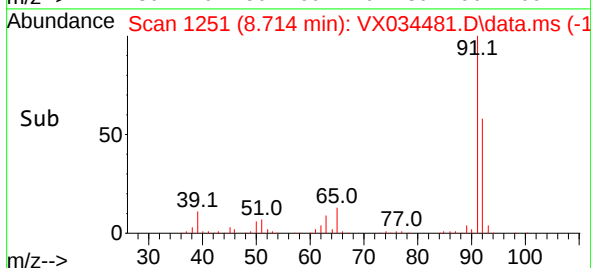
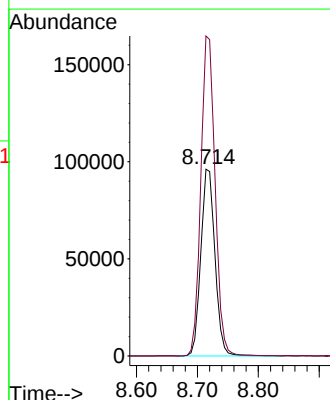
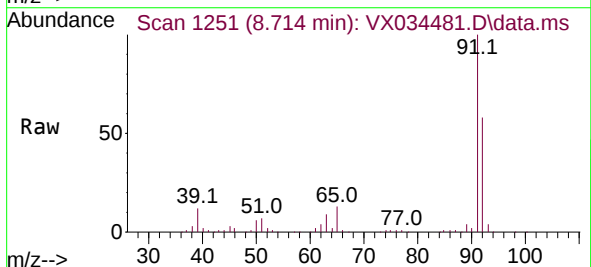
Manual Integrations
APPROVED

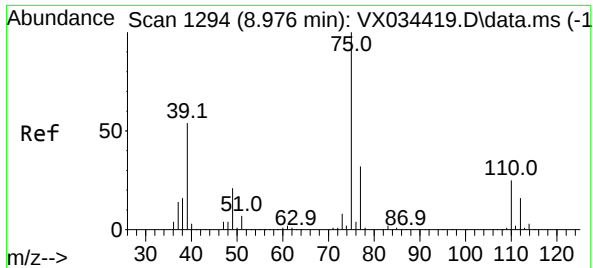
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 17.490 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion: 92 Resp: 154629
Ion Ratio Lower Upper
92 100
91 173.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 15.869 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion: 75 Resp: 8771

Ion Ratio Lower Upper

75 100

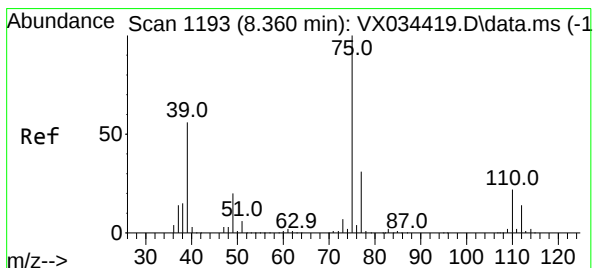
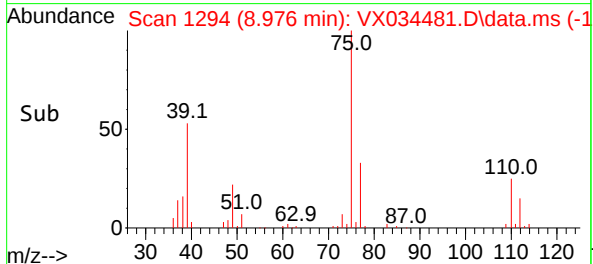
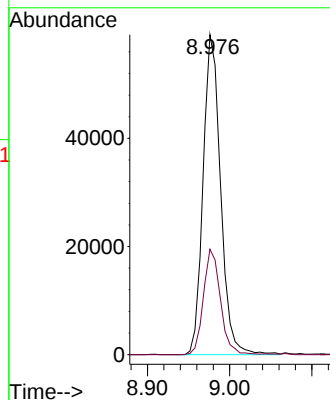
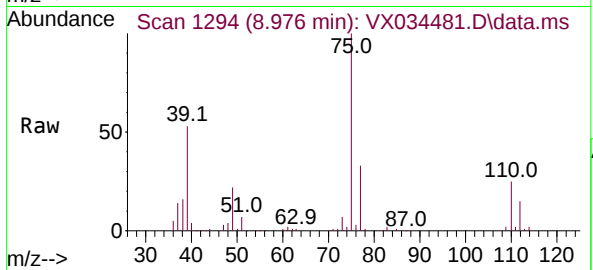
77 33.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#54

cis-1,3-Dichloropropene

Concen: 16.170 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

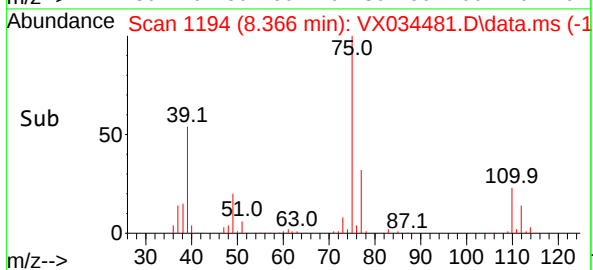
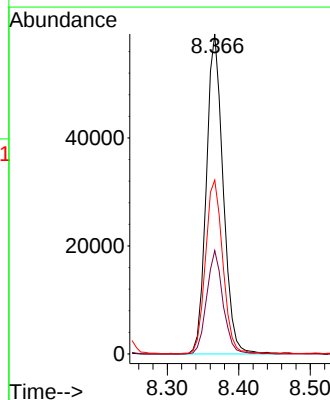
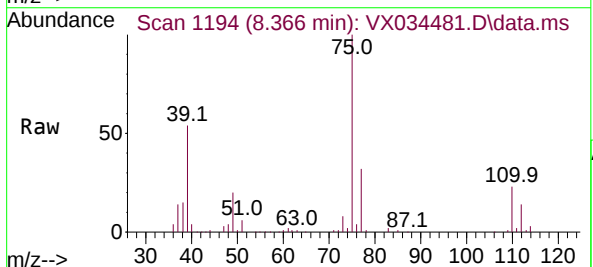
Tgt Ion: 75 Resp: 96696

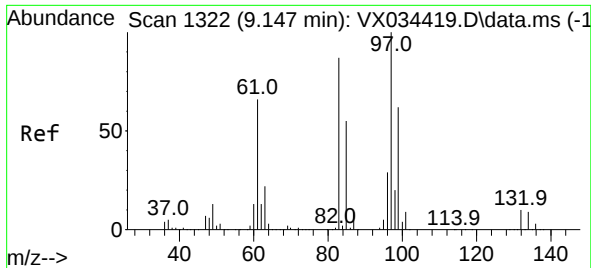
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

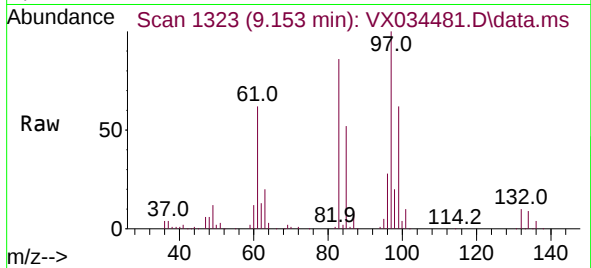
39 54.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 17.921 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

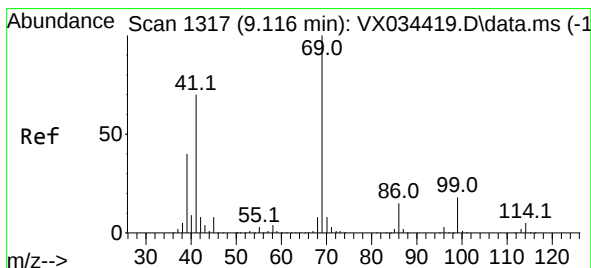
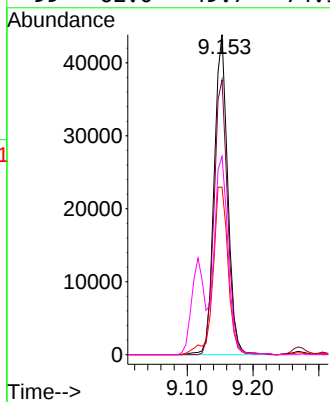
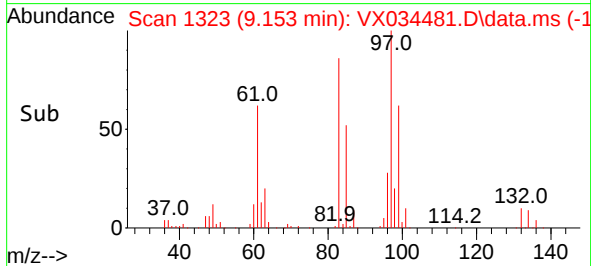
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



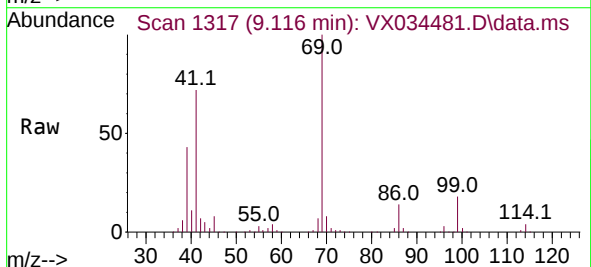
Tgt Ion: 97 Resp: 6288
Ion Ratio Lower Upper
97 100
83 85.9 69.7 104.5
85 52.3 43.7 65.5
99 62.0 49.7 74.5

Manual Integrations
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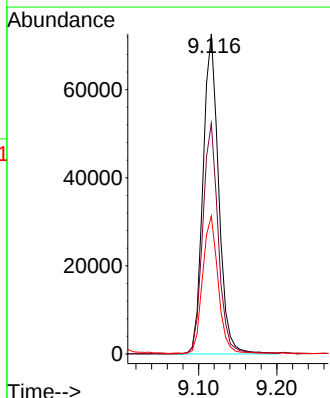
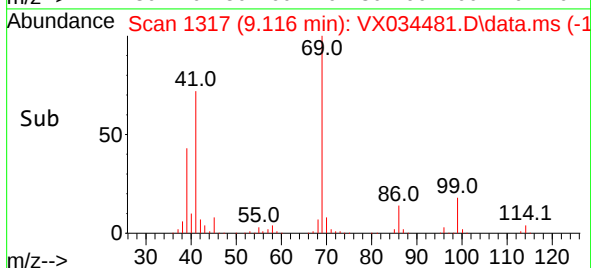
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

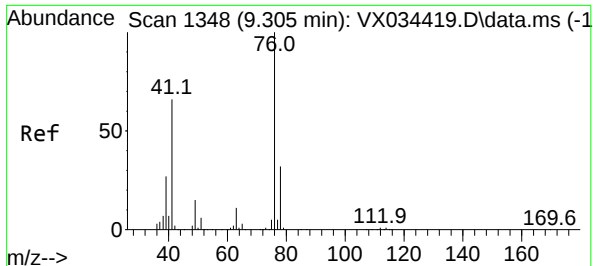


#56
Ethyl methacrylate
Concen: 17.468 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



Tgt Ion: 69 Resp: 100631
Ion Ratio Lower Upper
69 100
41 71.5 57.4 86.0
39 42.6 33.7 50.5





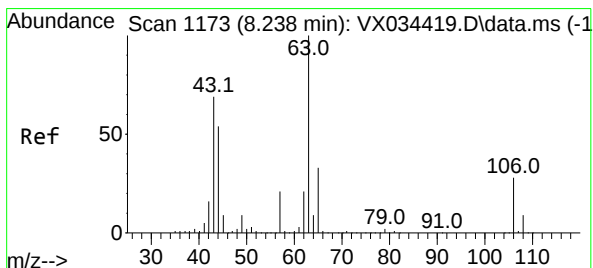
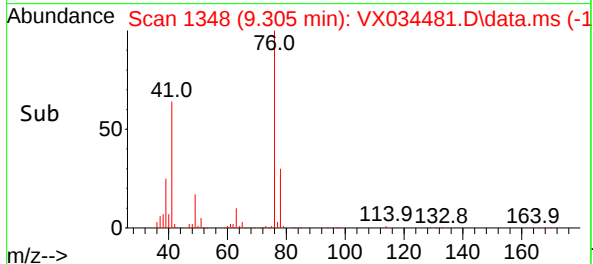
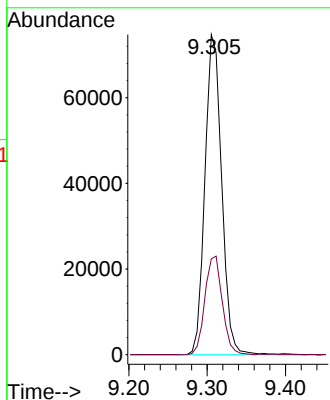
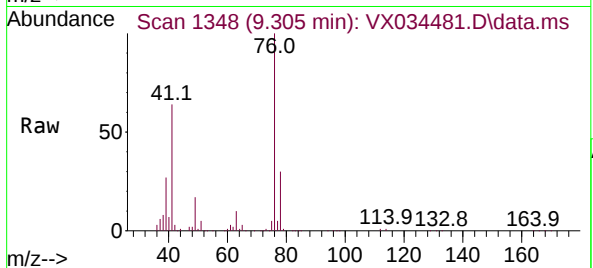
#57
1,3-Dichloropropane
Concen: 17.722 ug/l
RT: 9.305 min Scan# 11051
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion: 76 Resp: 11051
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.8

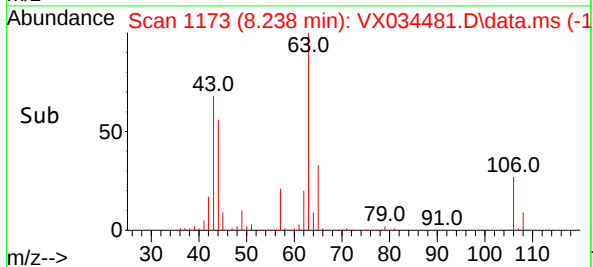
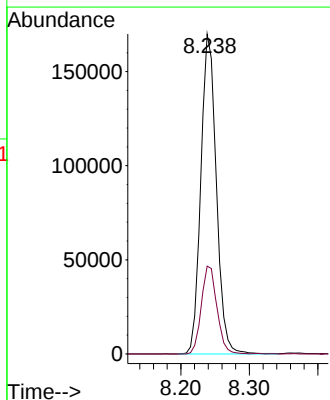
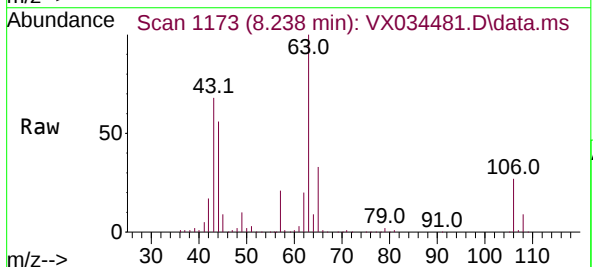
Manual Integrations
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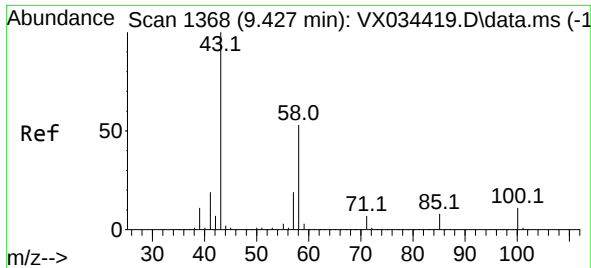
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 90.150 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

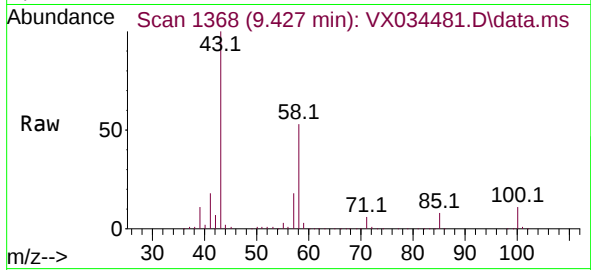
Tgt Ion: 63 Resp: 267653
Ion Ratio Lower Upper
63 100
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 89.901 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

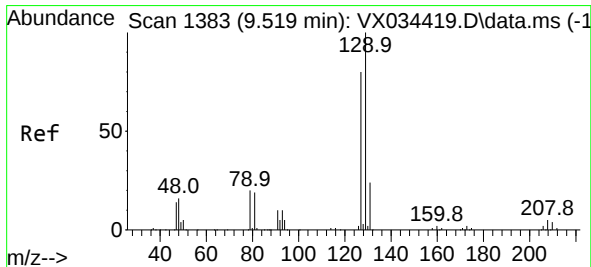
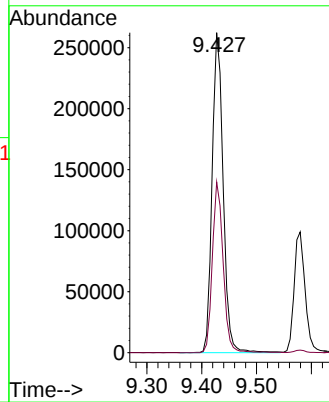
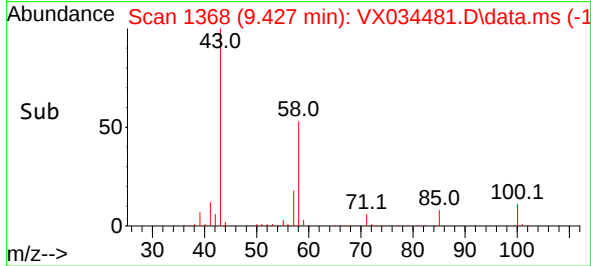
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion: 43 Resp: 36422
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9

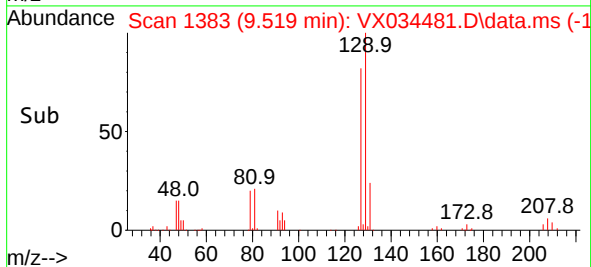
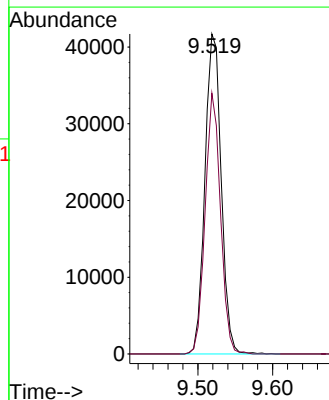
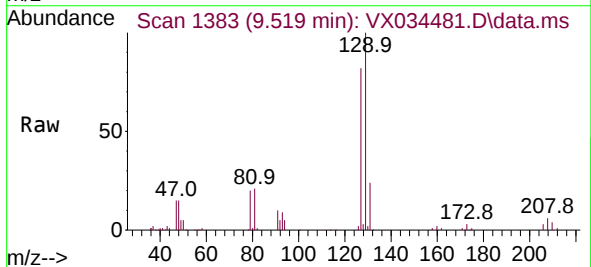
Manual Integrations
APPROVED

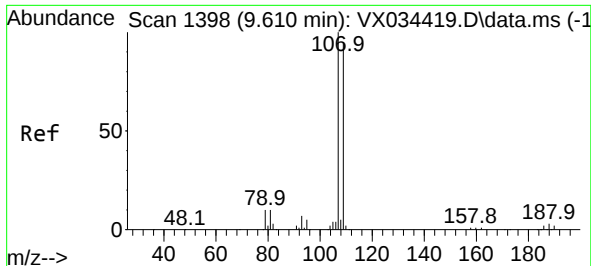
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
Dibromochloromethane
Concen: 17.114 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

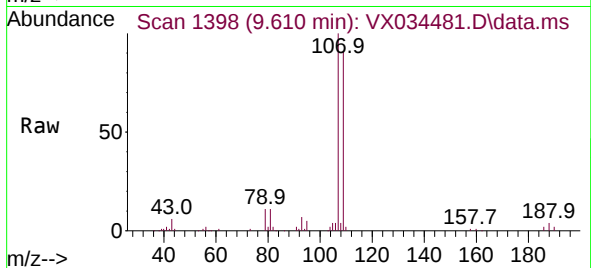
Tgt Ion:129 Resp: 62978
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 17.471 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

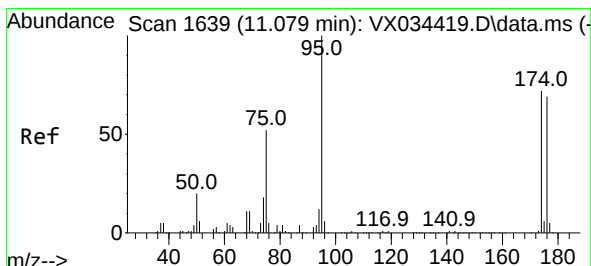
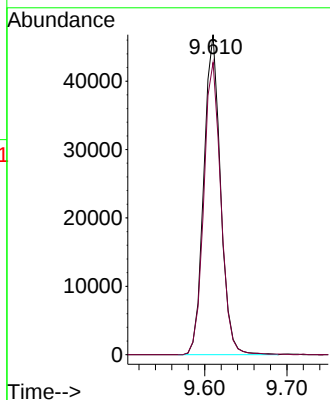
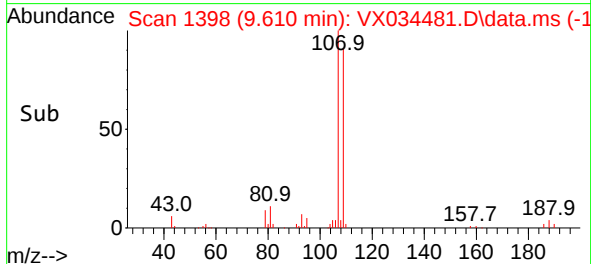
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion:107 Resp: 6615
Ion Ratio Lower Upper
107 100
109 93.4 75.3 112.9

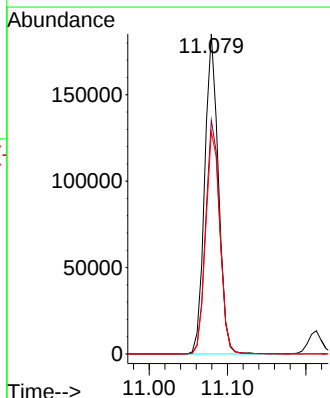
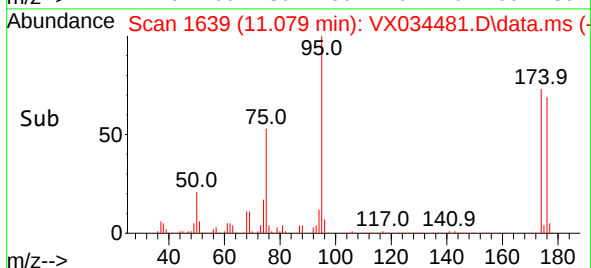
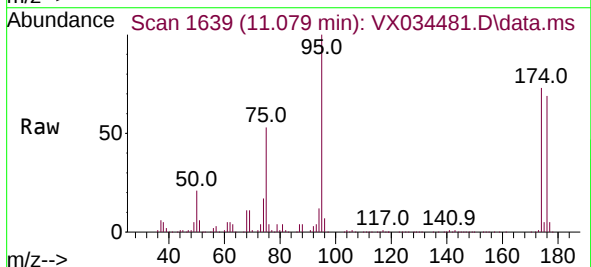
Manual Integrations
APPROVED

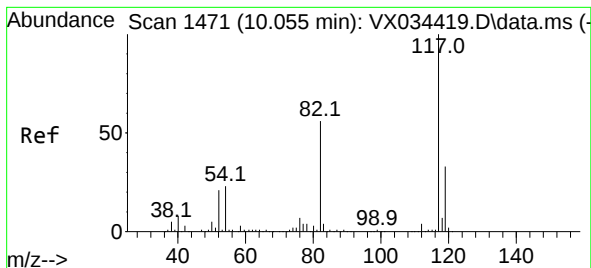
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#62
4-Bromofluorobenzene
Concen: 46.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

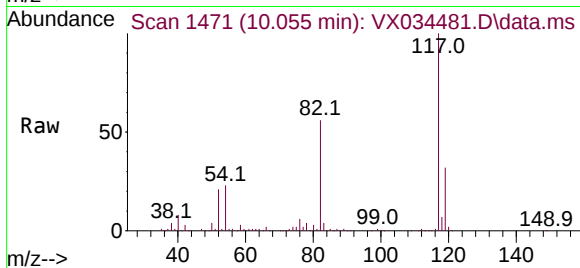
Tgt Ion: 95 Resp: 223949
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.4
176 72.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

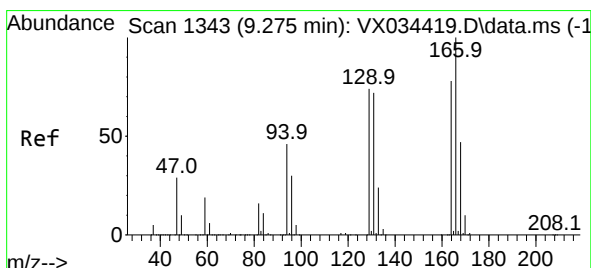
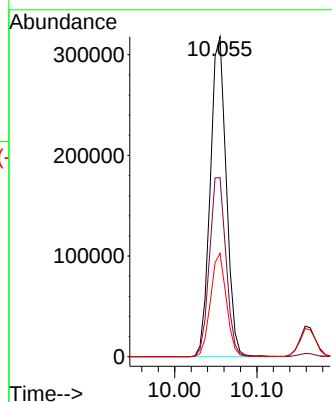
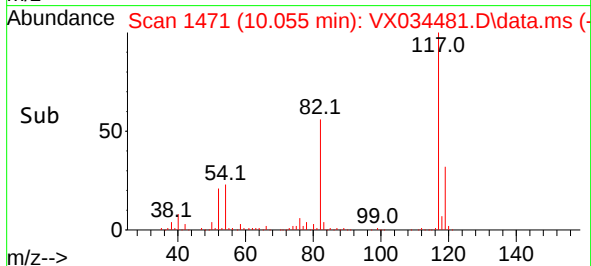
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion:117 Resp: 429999
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.3 26.0 39.0

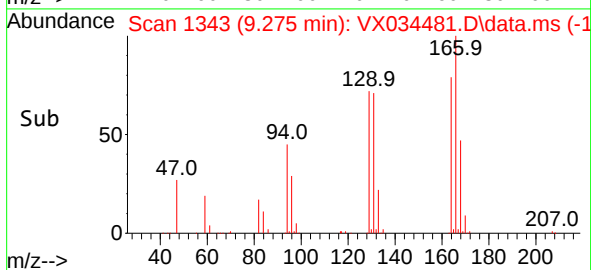
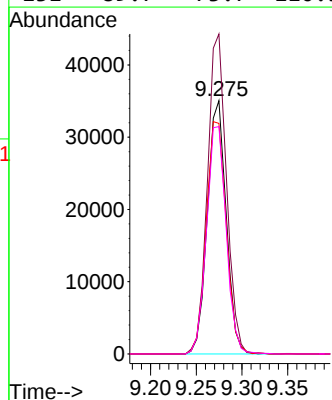
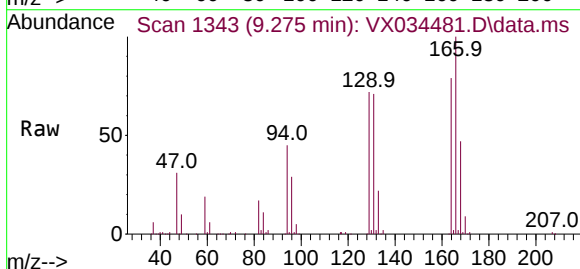
Manual Integrations
APPROVED

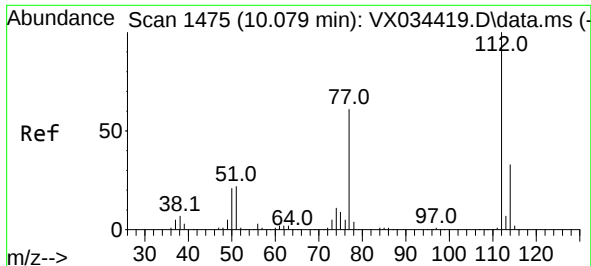
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 17.312 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

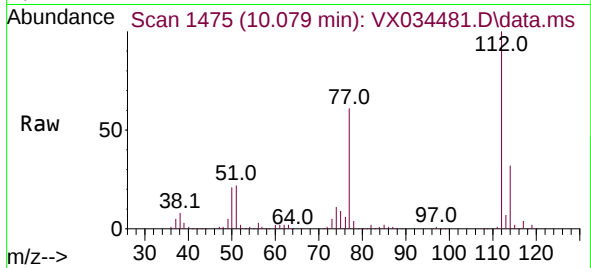
Tgt Ion:164 Resp: 50006
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 91.0 75.6 113.4
131 89.7 73.7 110.5





#65
Chlorobenzene
Concen: 17.337 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

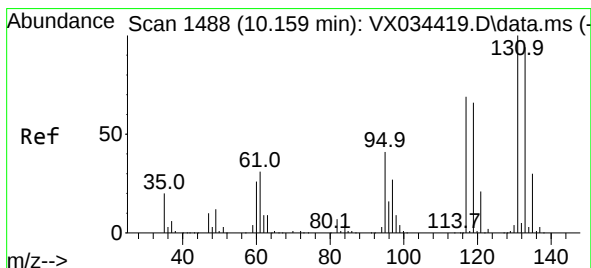
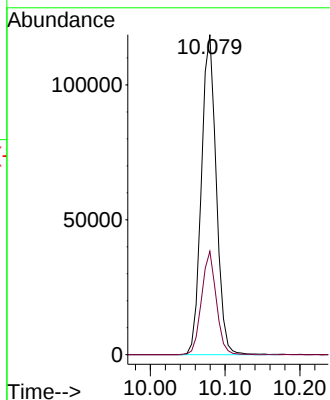
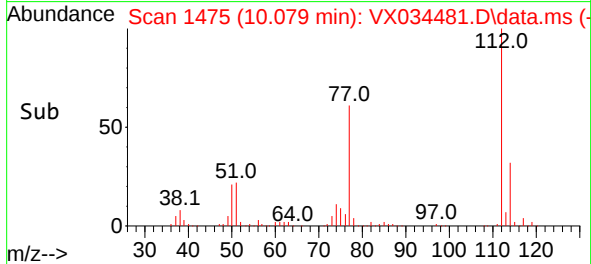
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion:112 Resp: 16356
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

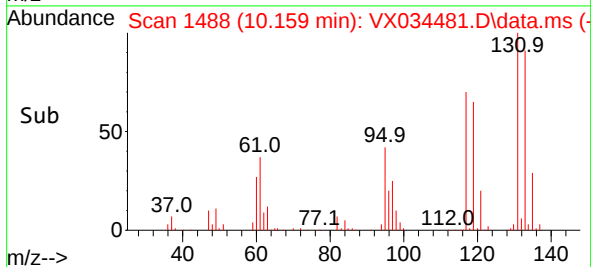
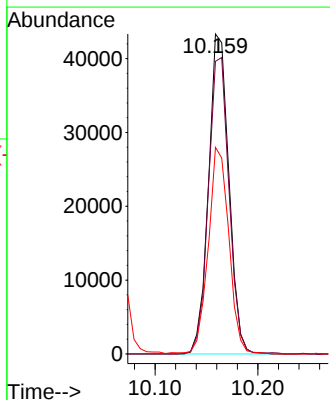
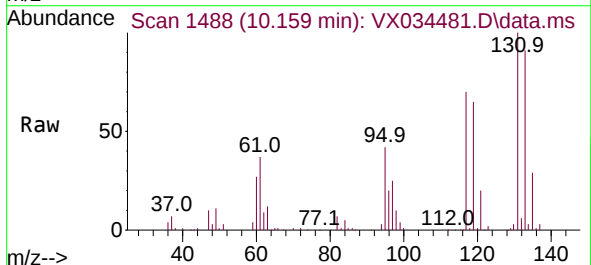
Manual Integrations
APPROVED

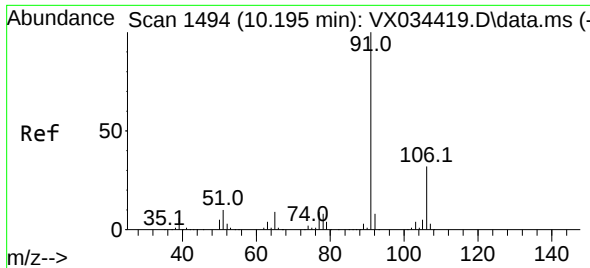
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.354 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

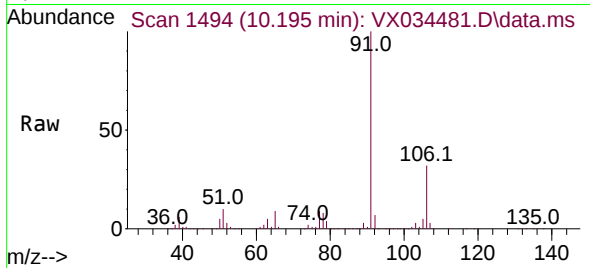
Tgt Ion:131 Resp: 59630
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 65.4 32.6 98.0





#67
Ethyl Benzene
Concen: 17.600 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

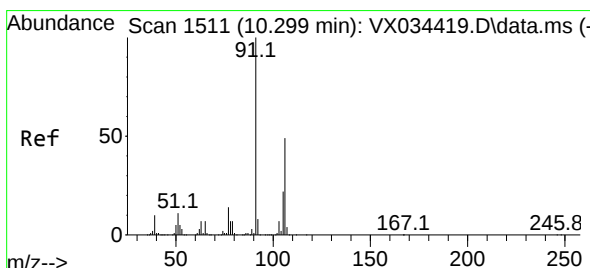
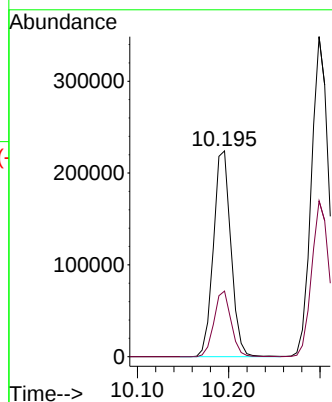
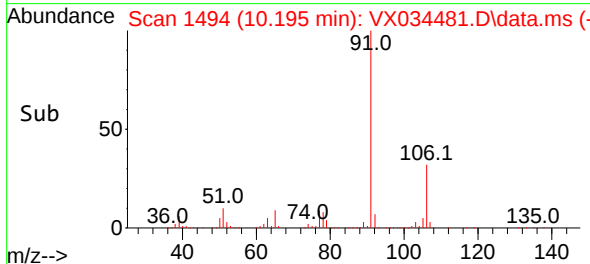
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



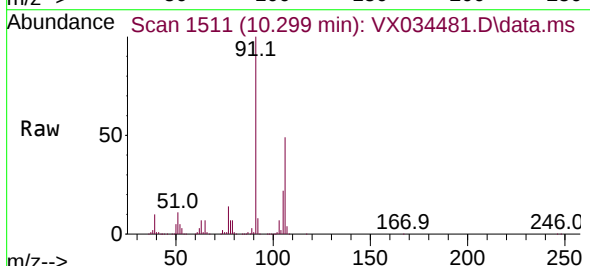
Tgt Ion: 91 Resp: 29726
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

Manual Integrations
APPROVED

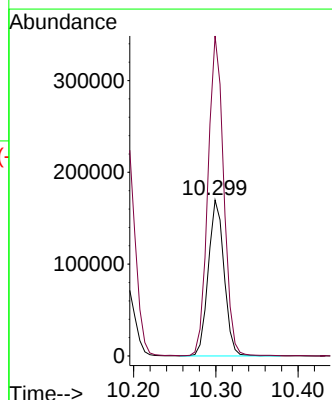
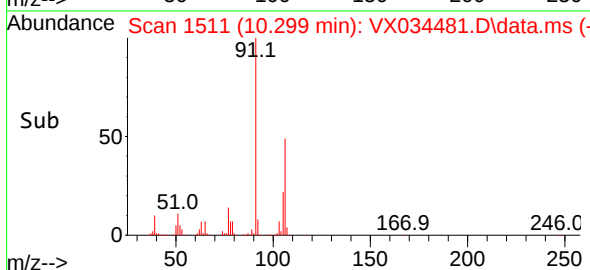
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

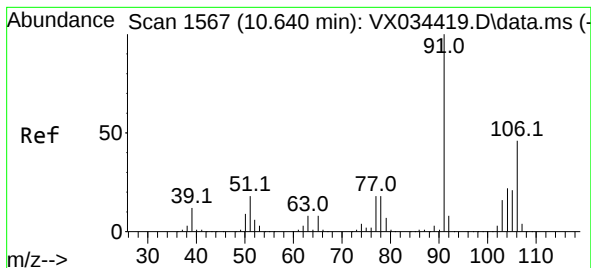


#68
m/p-Xylenes
Concen: 34.868 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



Tgt Ion:106 Resp: 226224
Ion Ratio Lower Upper
106 100
91 204.8 164.0 246.0





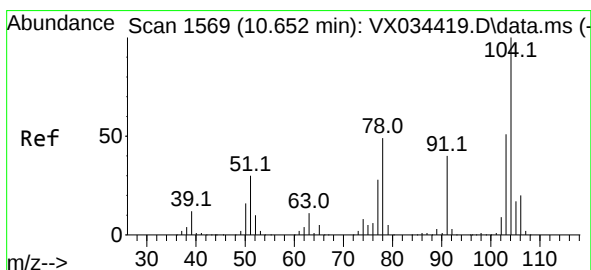
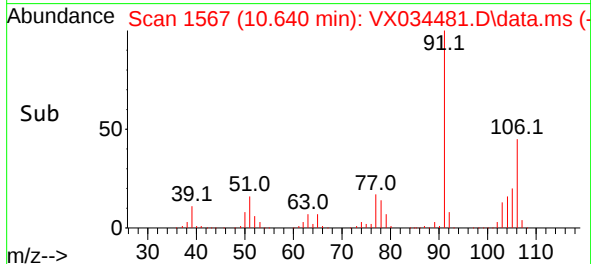
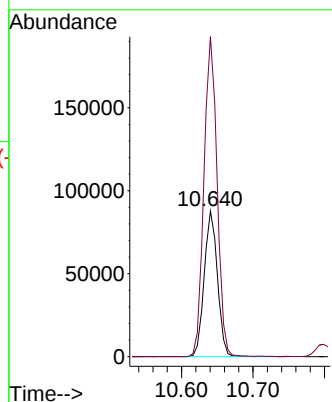
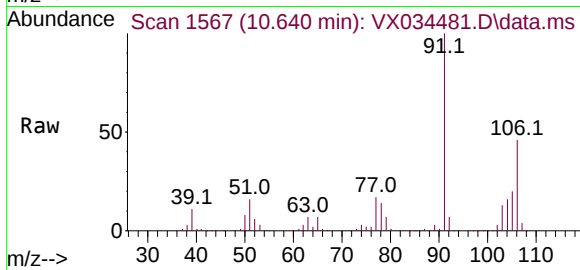
#69
o-Xylene
Concen: 17.314 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion:106 Resp: 11273
Ion Ratio Lower Upper
106 100
91 218.7 108.5 325.3

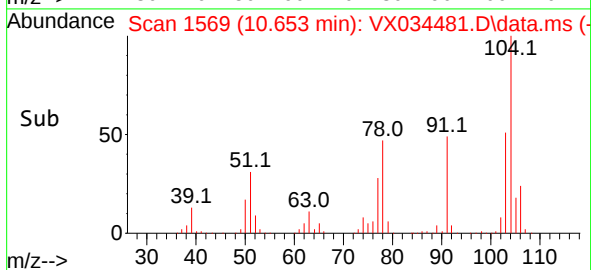
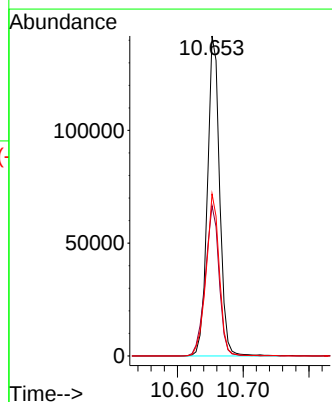
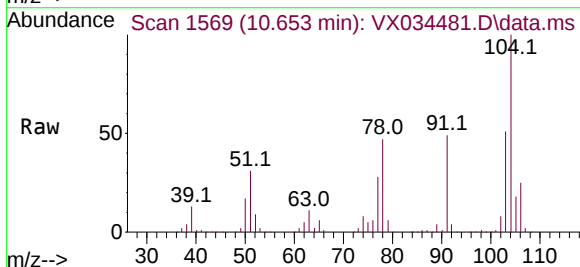
Manual Integrations
APPROVED

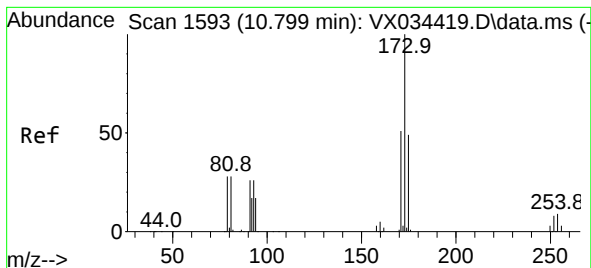
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 17.502 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

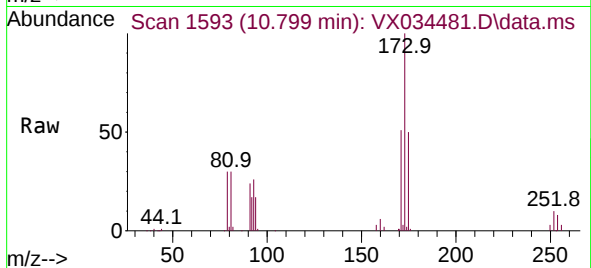
Tgt Ion:104 Resp: 183861
Ion Ratio Lower Upper
104 100
78 52.9 43.4 65.2
103 54.4 44.2 66.2





#71
Bromoform
Concen: 16.137 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

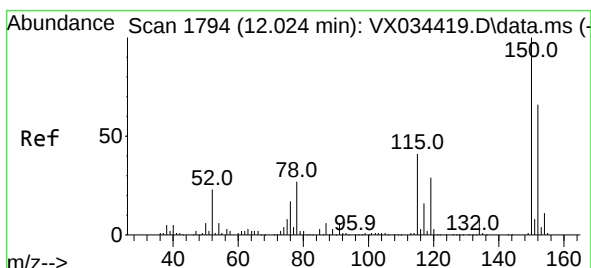
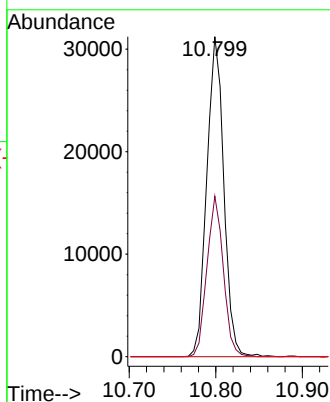
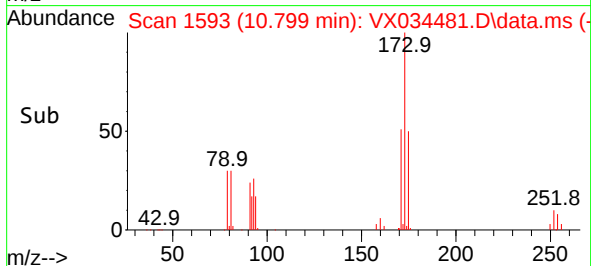
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



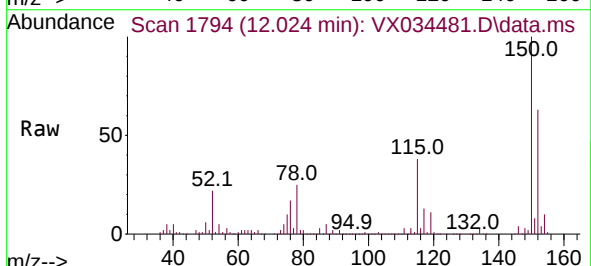
Tgt Ion:173 Resp: 4268
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

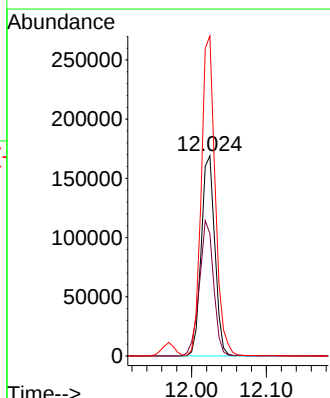
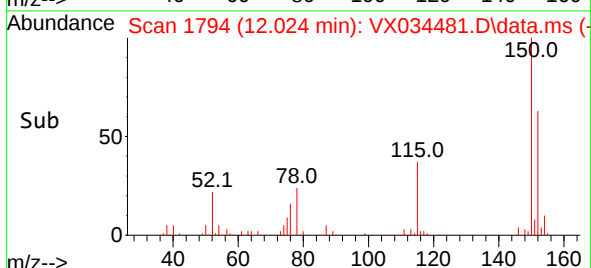
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

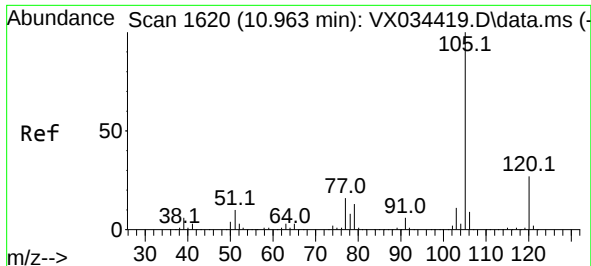


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



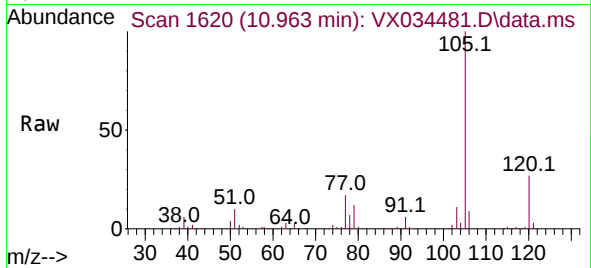
Tgt Ion:152 Resp: 214259
Ion Ratio Lower Upper
152 100
115 70.4 45.0 135.0
150 163.6 0.0 352.4





#73
Isopropylbenzene
Concen: 17.835 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

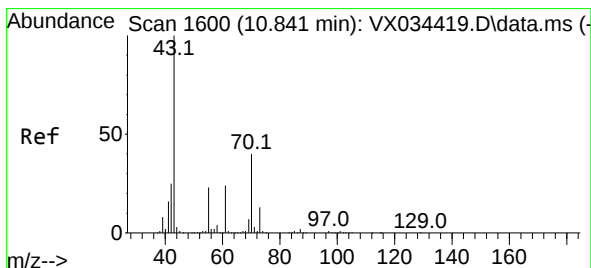
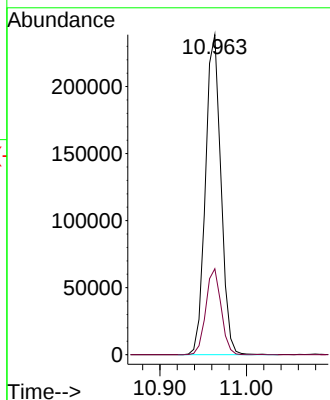
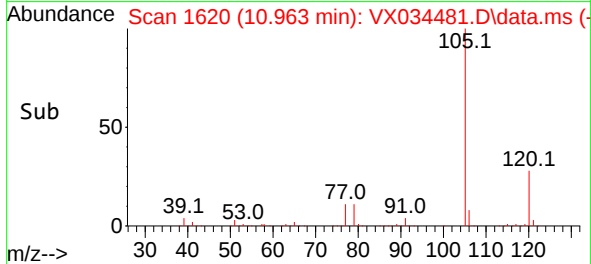
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



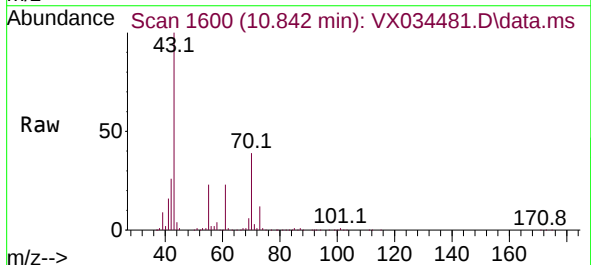
Tgt Ion:105 Resp: 295334
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

Manual Integrations
APPROVED

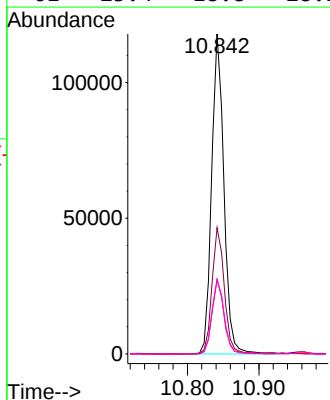
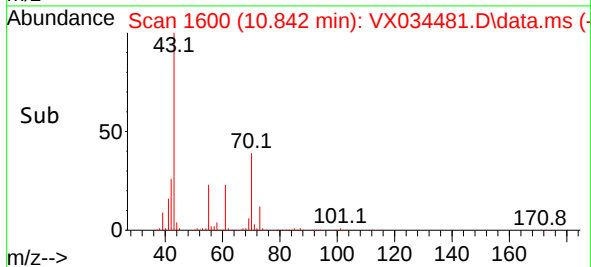
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

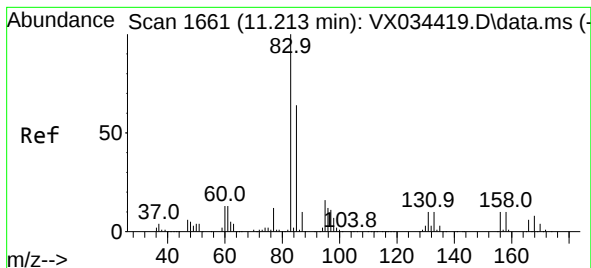


#74
N-ethyl acetate
Concen: 17.718 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



Tgt Ion: 43 Resp: 140529
Ion Ratio Lower Upper
43 100
70 39.8 32.1 48.1
55 23.1 18.3 27.5
61 23.4 18.8 28.2





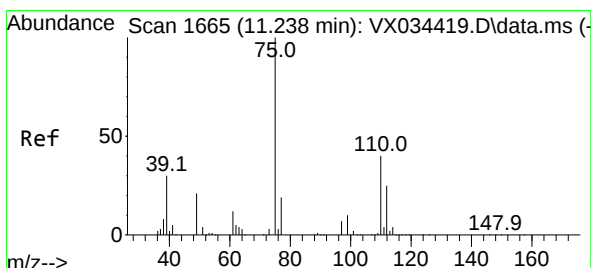
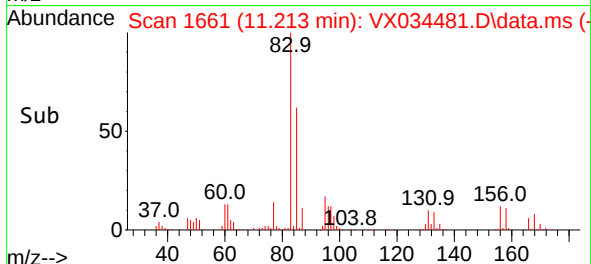
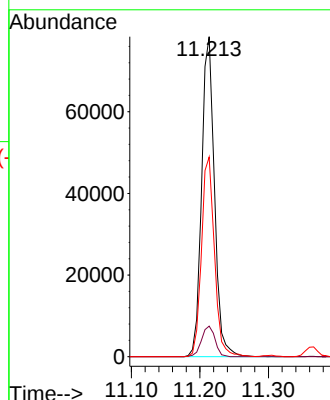
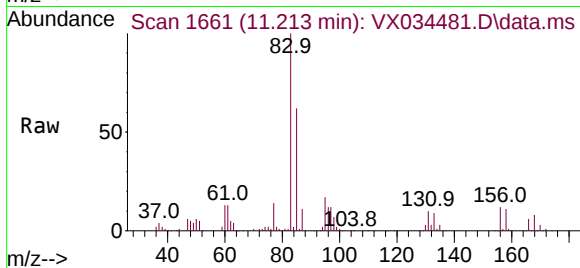
#75
1,1,2,2-Tetrachloroethane
Concen: 18.462 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion: 83 Resp: 10201
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 63.3 32.0 96.0

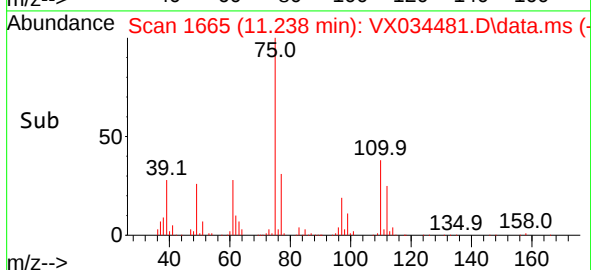
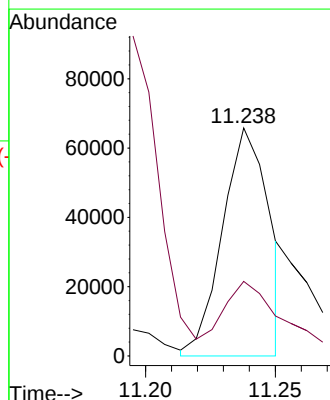
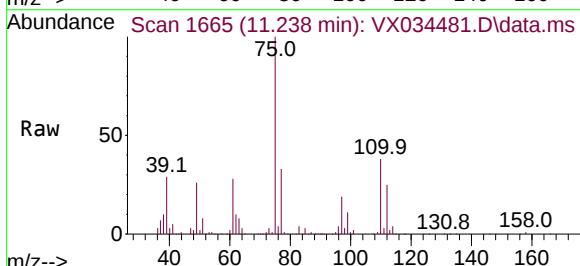
Manual Integrations
APPROVED

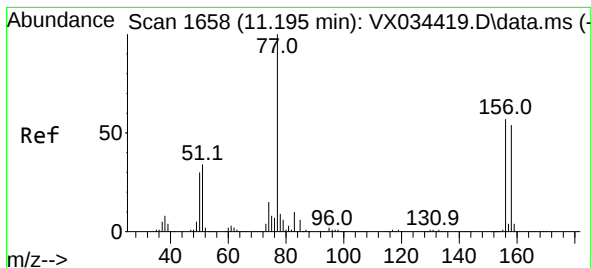
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#76
1,2,3-Trichloropropane
Concen: 16.708 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion: 75 Resp: 82199
Ion Ratio Lower Upper
75 100
77 43.2 21.6 64.8





#77

Bromobenzene

Concen: 17.305 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

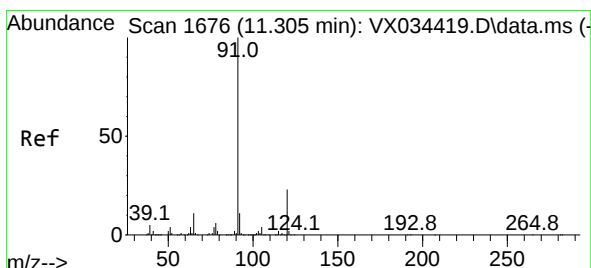
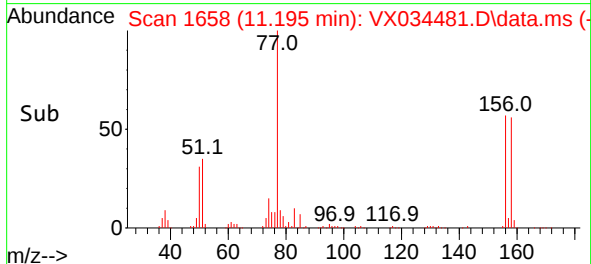
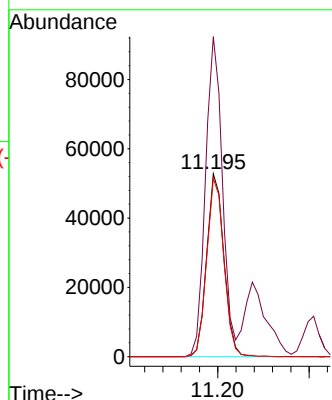
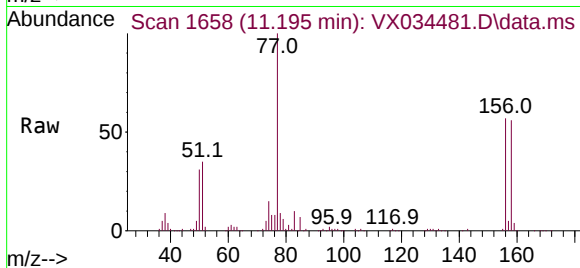
Tgt Ion:	156	Resp:	68754
Ion Ratio	Lower	Upper	
156	100		
77	172.1	86.7	259.9
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#78

n-propylbenzene

Concen: 17.730 ug/l

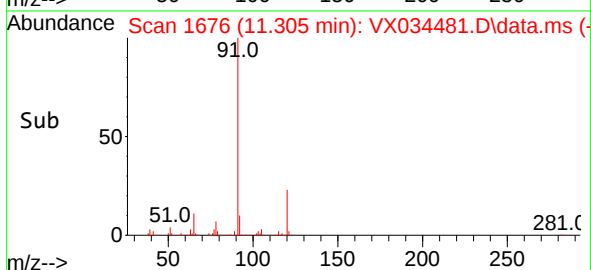
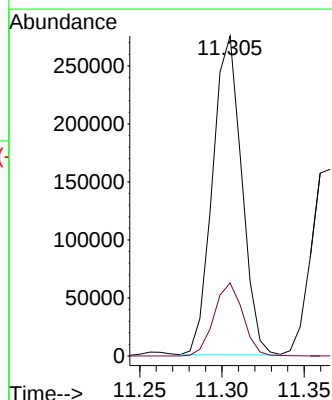
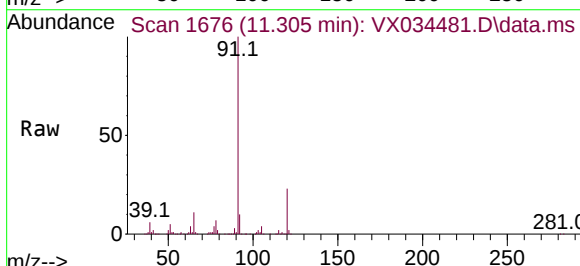
RT: 11.305 min Scan# 1676

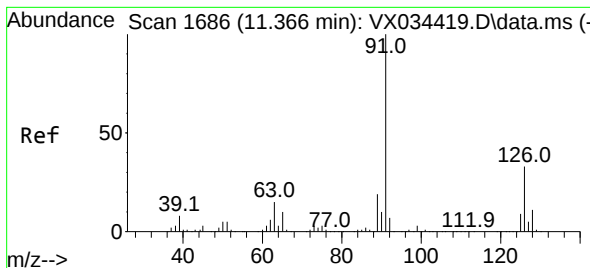
Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

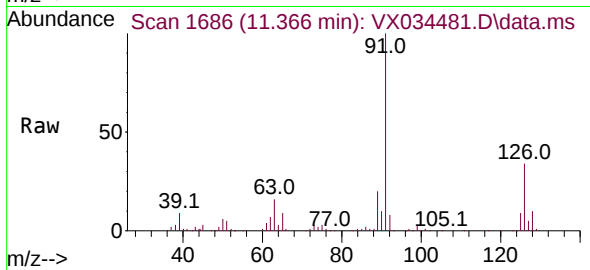
Tgt Ion:	91	Resp:	339081
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.5





#79
2-Chlorotoluene
Concen: 17.646 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

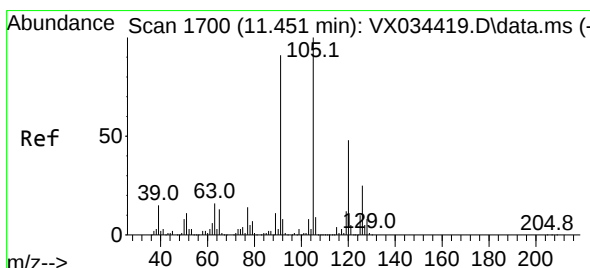
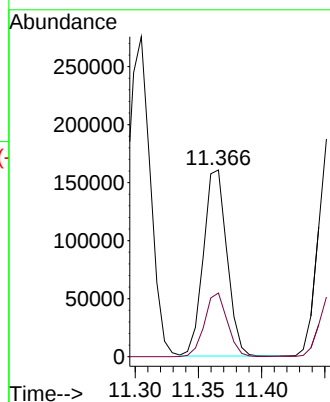
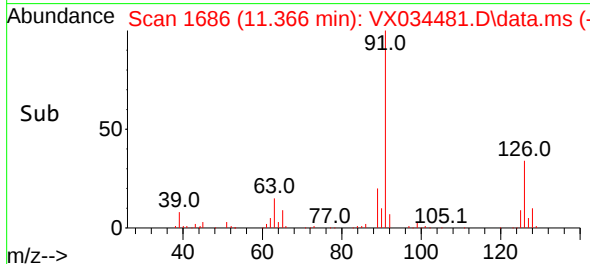
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



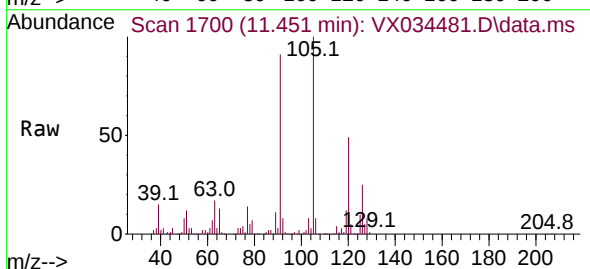
Tgt Ion: 91 Resp: 208418
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9

Manual Integrations
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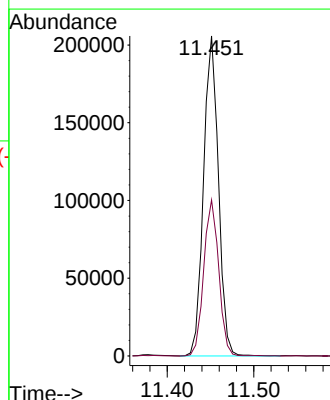
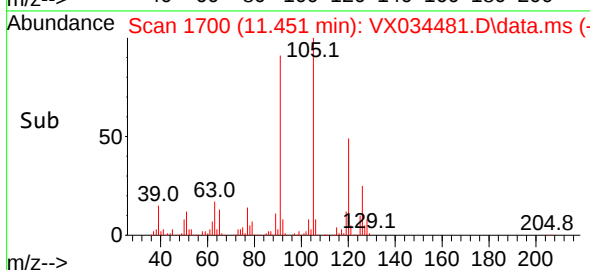
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

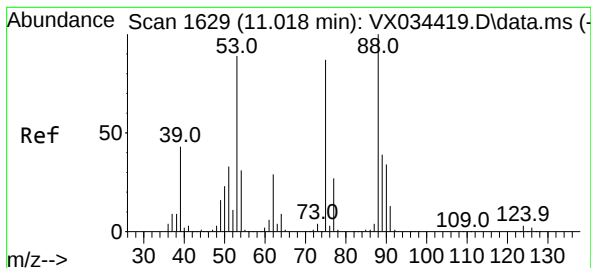


#80
1,3,5-Trimethylbenzene
Concen: 17.664 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



Tgt Ion:105 Resp: 245353
Ion Ratio Lower Upper
105 100
120 49.1 23.7 71.1





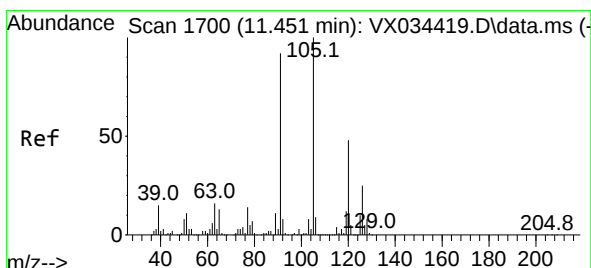
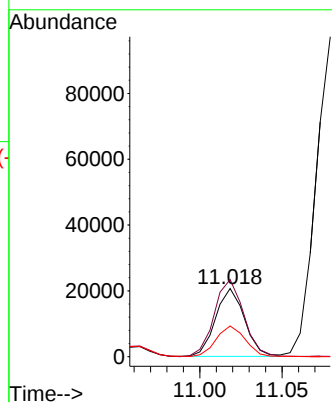
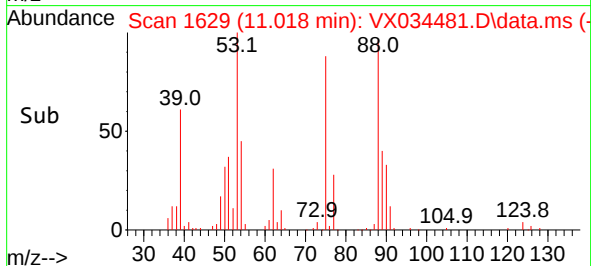
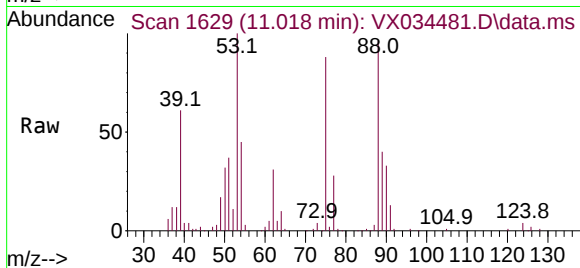
#81
trans-1,4-Dichloro-2-butene
Concen: 13.911 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02

Tgt Ion: 75 Resp: 2529
Ion Ratio Lower Upper
75 100
53 116.3 82.6 124.0
89 45.5 36.9 55.3

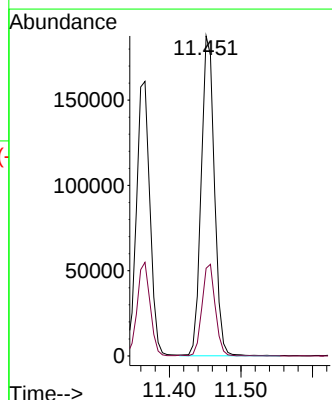
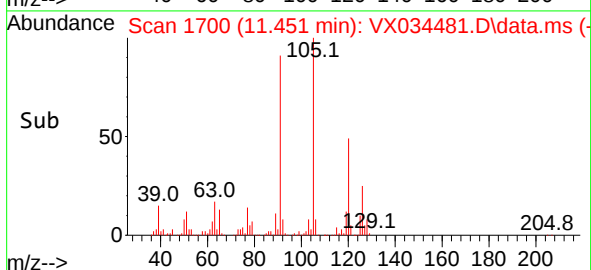
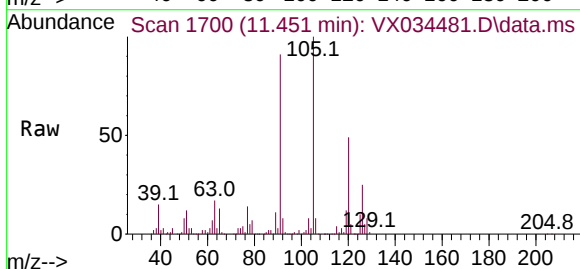
Manual Integrations
APPROVED

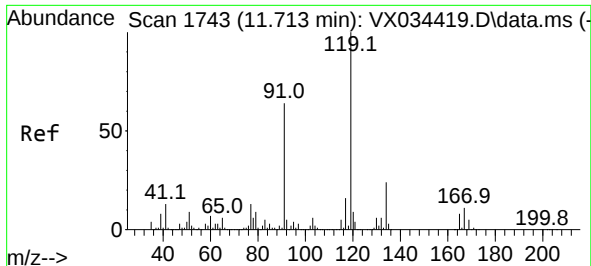
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 17.655 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

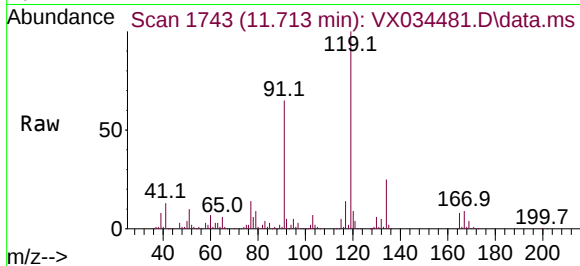
Tgt Ion: 91 Resp: 240190
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 17.418 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

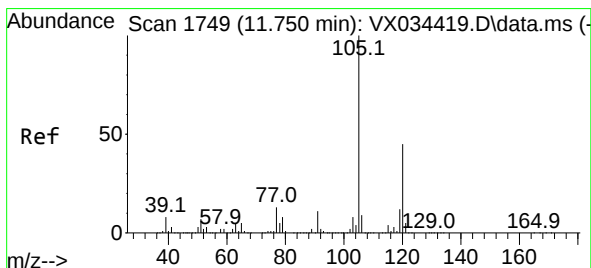
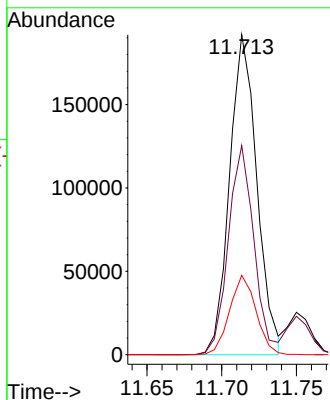
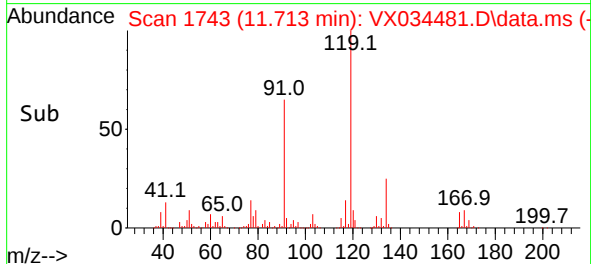
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



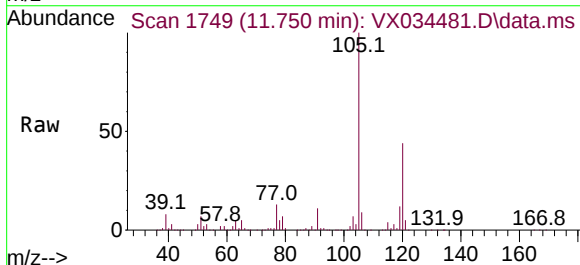
Tgt Ion:119 Resp: 243928
Ion Ratio Lower Upper
119 100
91 61.5 30.6 92.0
134 24.0 11.8 35.4

Manual Integrations
APPROVED

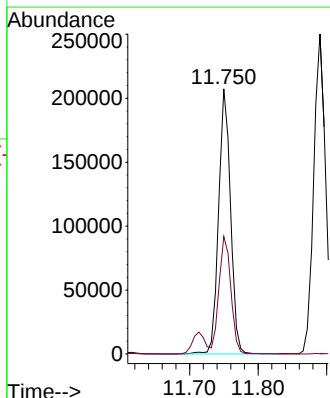
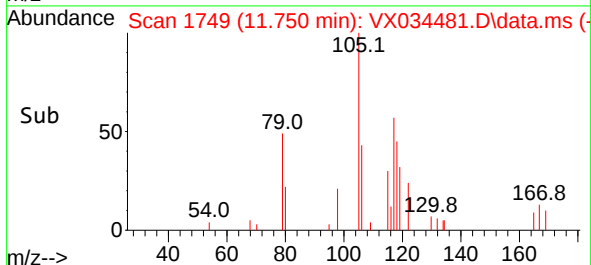
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

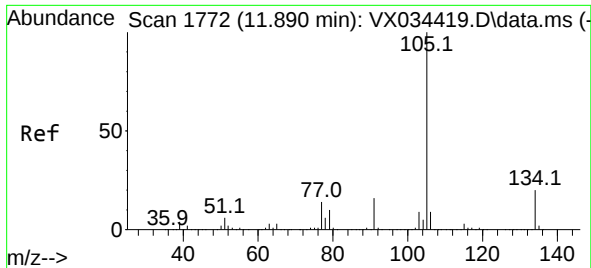


#84
1,2,4-Trimethylbenzene
Concen: 17.617 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



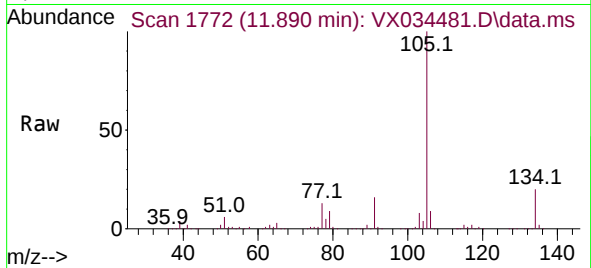
Tgt Ion:105 Resp: 250075
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 17.605 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034481.D
 Acq: 15 Mar 2023 04:10

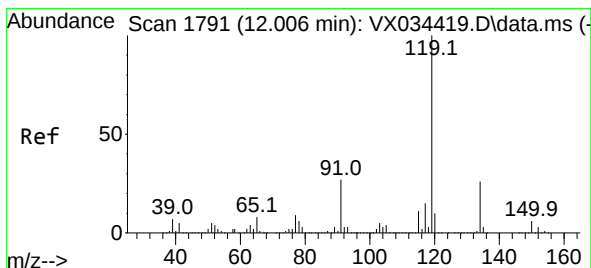
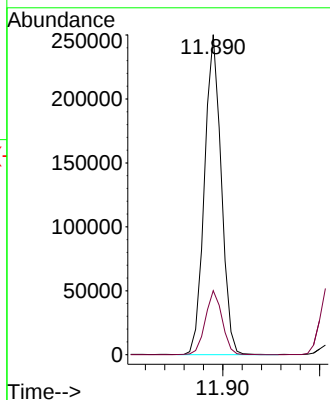
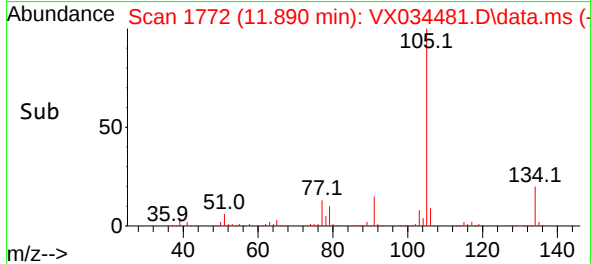
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD02



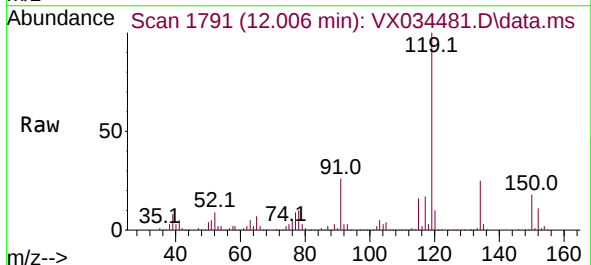
Tgt Ion:105 Resp: 301405
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
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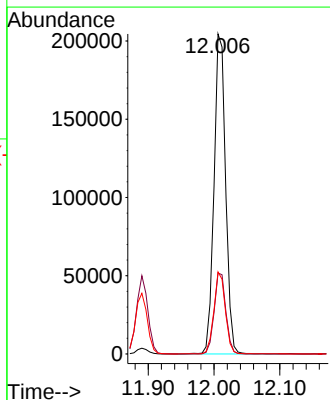
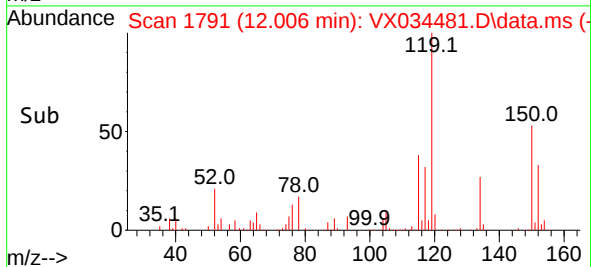
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

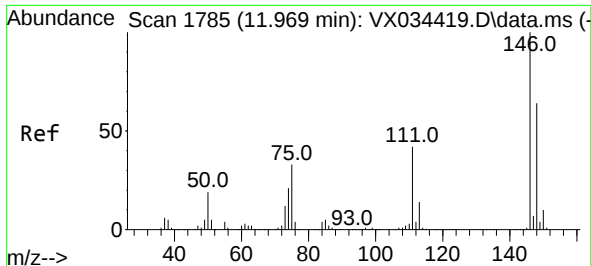


#86
 p-Isopropyltoluene
 Concen: 17.418 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034481.D
 Acq: 15 Mar 2023 04:10



Tgt Ion:119 Resp: 250629
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 17.185 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD02

Tgt Ion:146 Resp: 133779

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

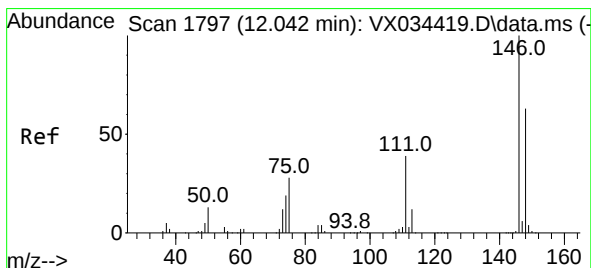
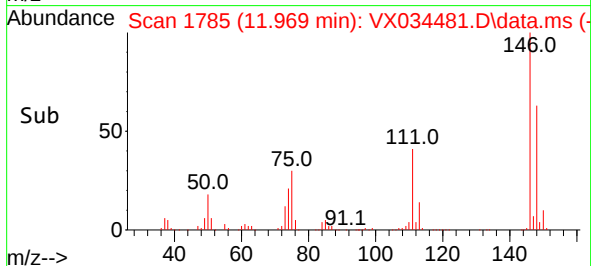
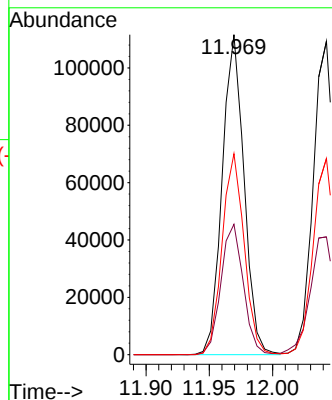
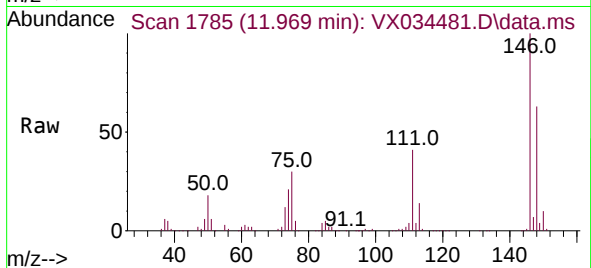
148 63.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 17.053 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034481.D

Acq: 15 Mar 2023 04:10

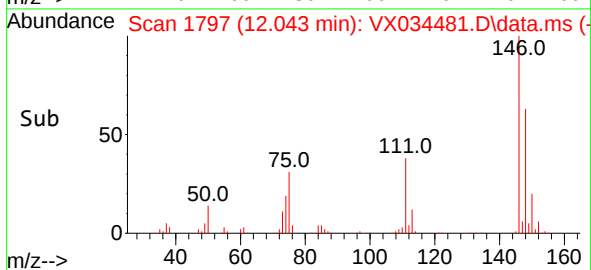
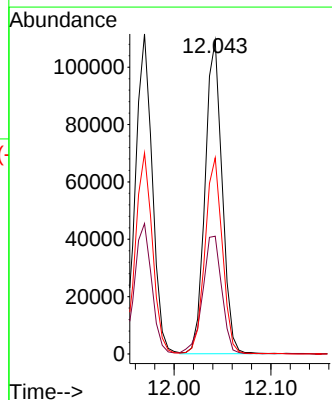
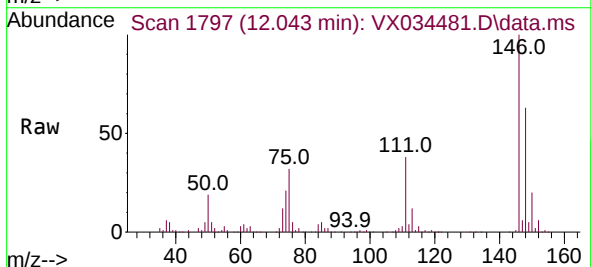
Tgt Ion:146 Resp: 134230

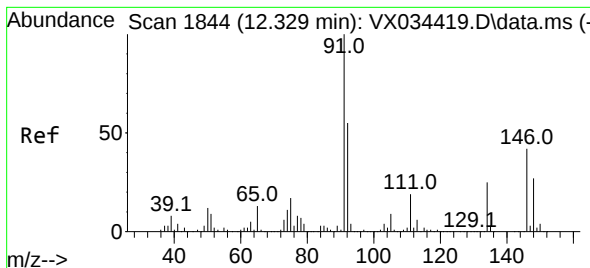
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

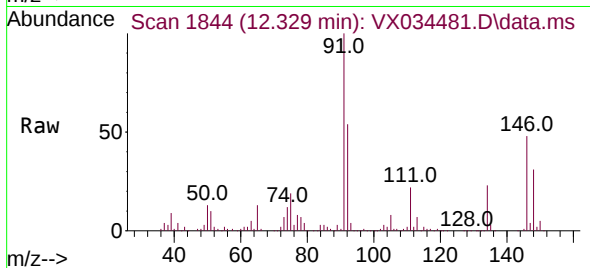
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 16.677 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

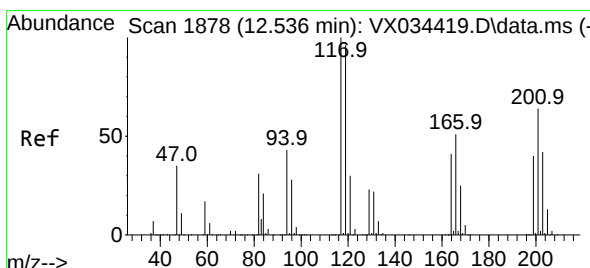
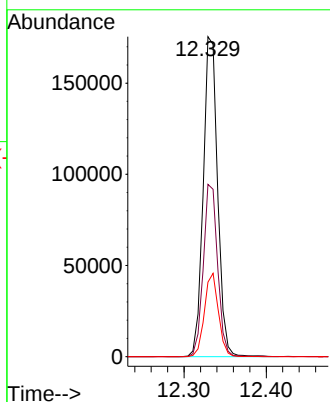
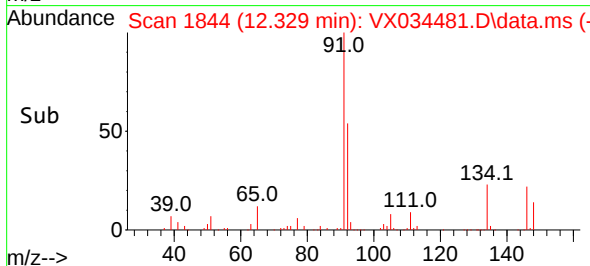
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion: 91 Resp: 21332
Ion Ratio Lower Upper
91 100
92 53.6 27.7 83.0
134 25.4 13.0 38.9

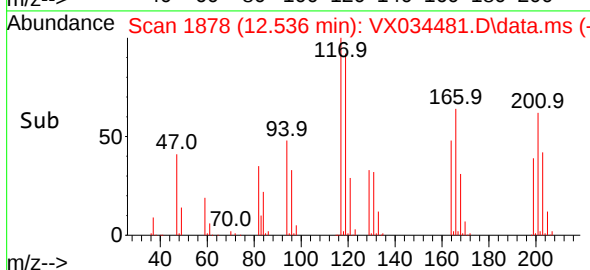
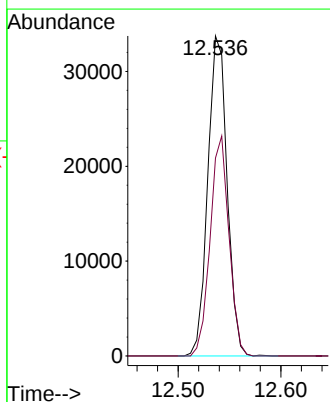
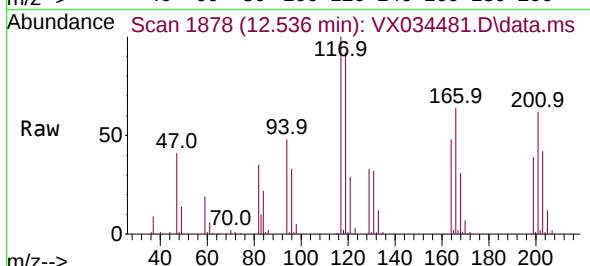
Manual Integrations
APPROVED

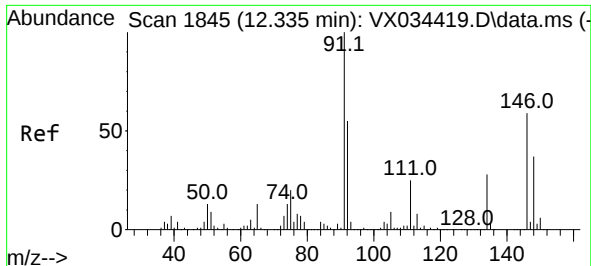
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 16.540 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

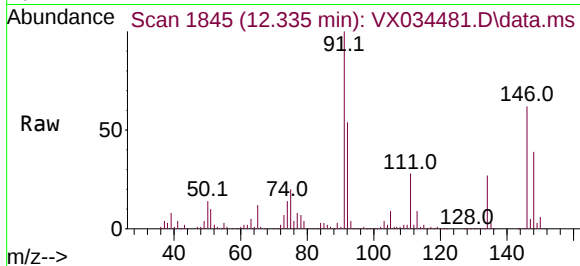
Tgt Ion:117 Resp: 44037
Ion Ratio Lower Upper
117 100
201 67.0 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 17.509 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

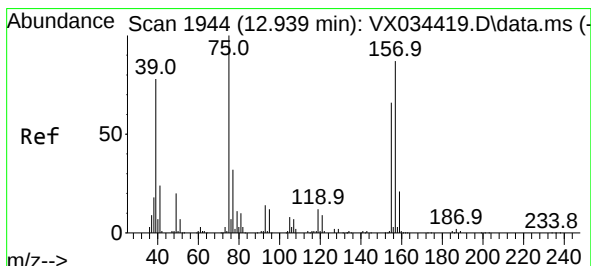
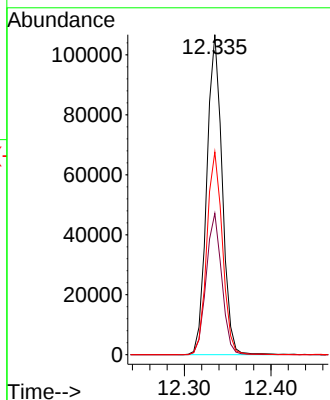
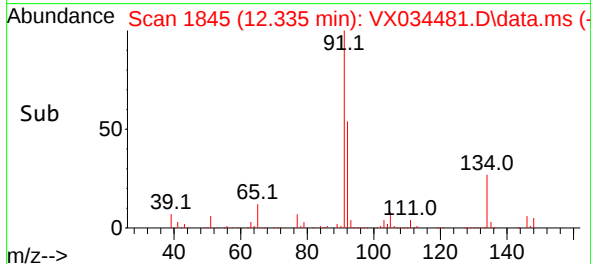
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



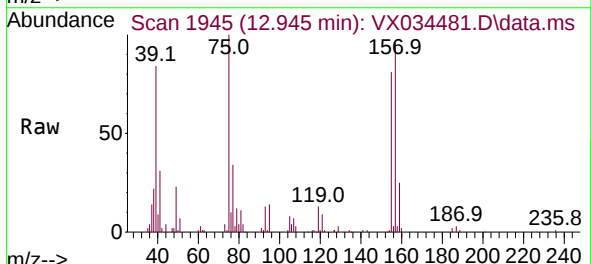
Tgt Ion:146 Resp: 131719
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

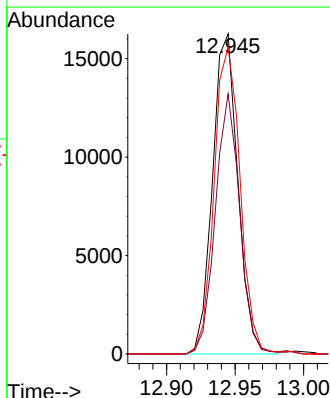
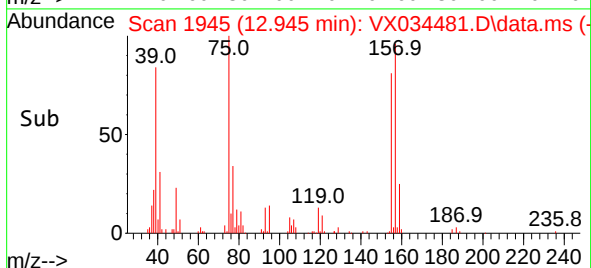
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

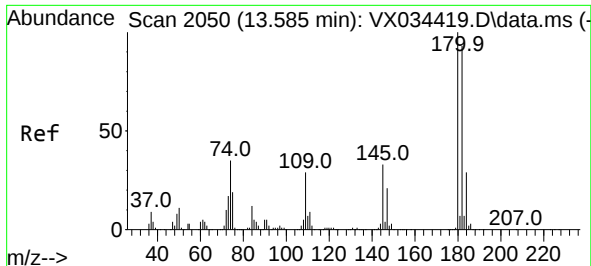


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.610 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10



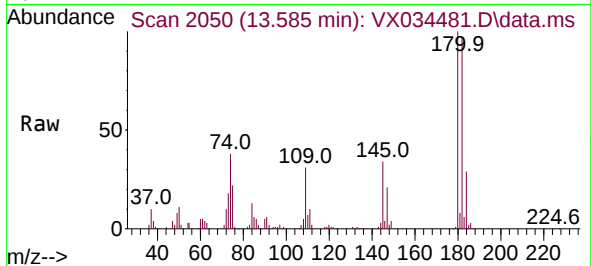
Tgt Ion: 75 Resp: 20854
Ion Ratio Lower Upper
75 100
155 78.4 38.4 115.1
157 99.0 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 17.900 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

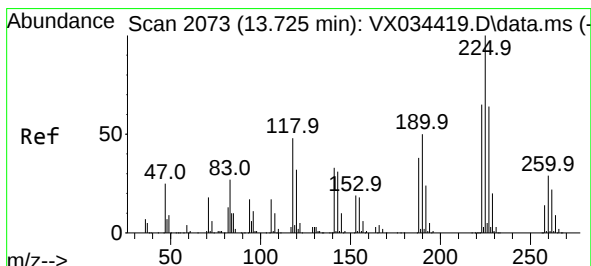
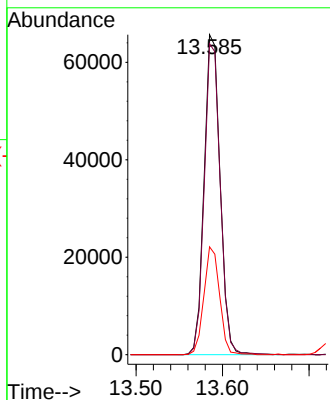
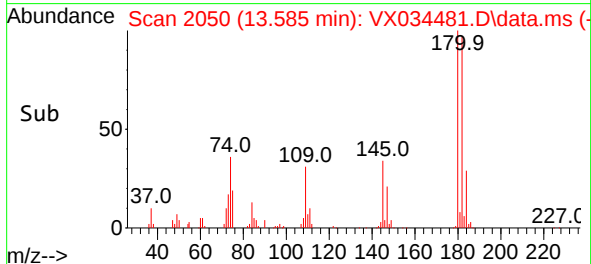
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion:180 Resp: 8421
Ion Ratio Lower Upper
180 100
182 97.2 47.0 141.0
145 33.1 15.9 47.7

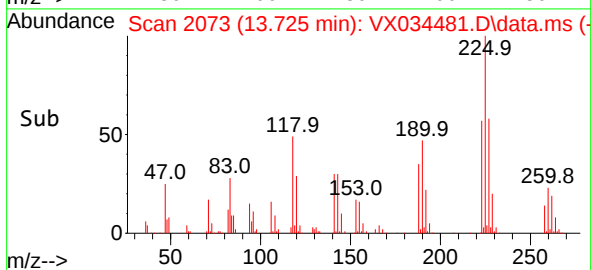
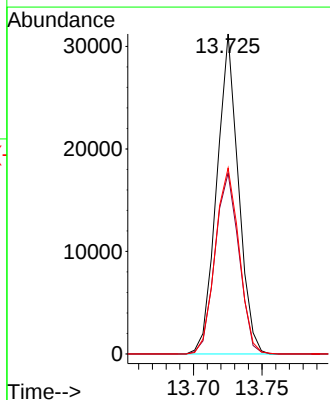
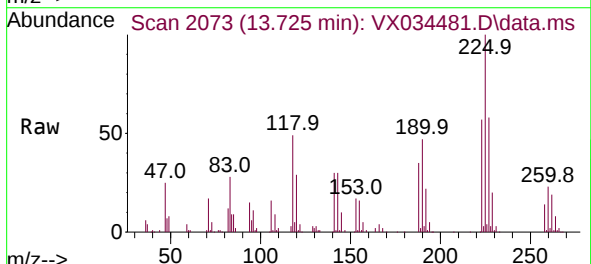
Manual Integrations
APPROVED

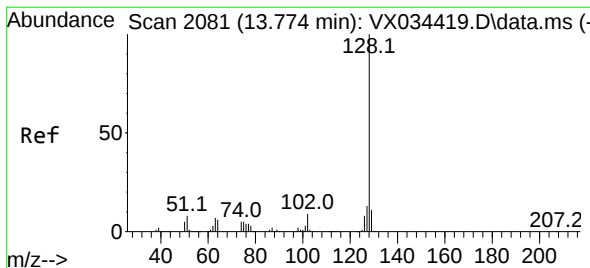
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#94
Hexachlorobutadiene
Concen: 18.085 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

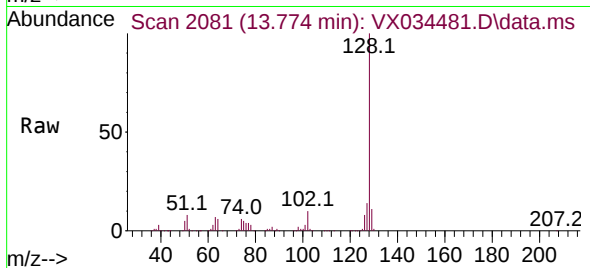
Tgt Ion:225 Resp: 34277
Ion Ratio Lower Upper
225 100
223 62.0 32.1 96.5
227 64.0 31.8 95.4





#95
Naphthalene
Concen: 18.968 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

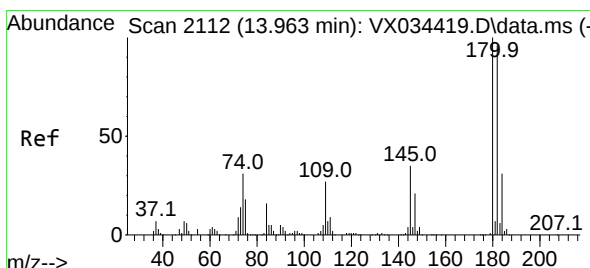
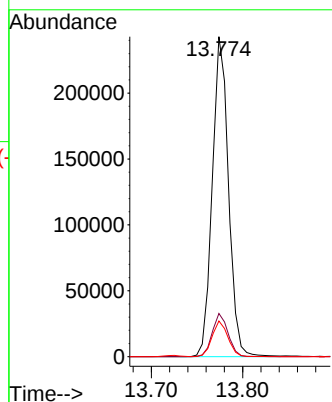
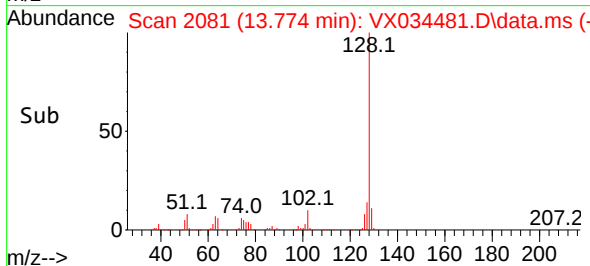
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD02



Tgt Ion:128 Resp: 299240
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.688 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034481.D
Acq: 15 Mar 2023 04:10

Tgt Ion:180 Resp: 85938
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.2
145 34.1 17.7 53.1

