

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039185.D
 Acq On : 13 Dec 2023 12:06
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 14 01:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:05:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	120488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102346	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	348572	157.921	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 315.840%#			
35) Dibromofluoromethane	5.385	113	241822	157.563	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 315.120%#			
50) Toluene-d8	8.646	98	874989	153.564	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 307.120%#			
62) 4-Bromofluorobenzene	11.079	95	374839	159.444	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 318.880%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	276844	163.515	ug/l	98
3) Chloromethane	1.294	50	297649	158.579	ug/l	98
4) Vinyl Chloride	1.373	62	272155	155.906	ug/l	99
5) Bromomethane	1.599	94	135819	135.237	ug/l	99
6) Chloroethane	1.672	64	149334	141.957	ug/l	99
7) Trichlorofluoromethane	1.879	101	391929	153.329	ug/l	100
8) Diethyl Ether	2.135	74	137075	154.943	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.324	101	234762	150.504	ug/l	96
10) Methyl Iodide	2.452	142	258729	160.473	ug/l	96
11) Tert butyl alcohol	2.989	59	413593	746.183	ug/l	# 92
12) 1,1-Dichloroethene	2.312	96	233681	150.817	ug/l	100
13) Acrolein	2.233	56	368909	834.290	ug/l	99
14) Allyl chloride	2.660	41	482581	153.748	ug/l	98
15) Acrylonitrile	3.062	53	808247	728.507	ug/l	99
16) Acetone	2.379	43	893934	756.406	ug/l	95
17) Carbon Disulfide	2.507	76	700103	154.405	ug/l	98
18) Methyl Acetate	2.702	43	729042	152.706	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	865320	154.421	ug/l	99
20) Methylene Chloride	2.788	84	275412	149.680	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	249584	148.034	ug/l	95
22) Diisopropyl ether	3.757	45	854825	149.613	ug/l	94
23) Vinyl Acetate	3.720	43	3253564	764.897	ug/l	100
24) 1,1-Dichloroethane	3.605	63	493320	152.741	ug/l	98
25) 2-Butanone	4.556	43	1264720	664.002	ug/l	97
26) 2,2-Dichloropropane	4.470	77	441830	156.694	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	289701	155.676	ug/l	97
28) Bromochloromethane	4.897	49	259760	164.831	ug/l	95
29) Tetrahydrofuran	5.001	42	782581	743.998	ug/l	99
30) Chloroform	5.092	83	498087	154.321	ug/l	100
31) Cyclohexane	5.470	56	425056	149.095	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	440915	157.360	ug/l	99
36) 1,1-Dichloropropene	5.690	75	370460	152.962	ug/l	99
37) Ethyl Acetate	4.714	43	454548	151.913	ug/l	100
38) Carbon Tetrachloride	5.671	117	373258	161.495	ug/l	98
39) Methylcyclohexane	7.378	83	440468	151.406	ug/l	98
40) Benzene	6.037	78	1041113	151.966	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	251485	157.526	ug/l	98
42) 1,2-Dichloroethane	6.086	62	436535	157.411	ug/l	99
43) Isopropyl Acetate	6.336	43	760933	156.388	ug/l	100
44) Trichloroethene	7.122	130	261420	151.213	ug/l	92
45) 1,2-Dichloropropane	7.427	63	284211	154.574	ug/l	99
46) Dibromomethane	7.580	93	200488	155.116	ug/l	95
47) Bromodichloromethane	7.817	83	399792	161.774	ug/l	98
48) Methyl methacrylate	7.695	41	454843	159.899	ug/l	96
49) 1,4-Dioxane	7.659	88	127628	3328.561	ug/l #	100
51) 4-Methyl-2-Pentanone	8.579	43	2316549	747.238	ug/l	99
52) Toluene	8.720	92	625456	151.258	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	459414	168.855	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	468591	160.065	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	266726	154.509	ug/l	93
56) Ethyl methacrylate	9.116	69	351956	167.010	ug/l	96
57) 1,3-Dichloropropane	9.305	76	459832	154.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1048303	847.157	ug/l	95
59) 2-Hexanone	9.433	43	1879895	702.620	ug/l	99
60) Dibromochloromethane	9.524	129	290700	166.508	ug/l	99
61) 1,2-Dibromoethane	9.610	107	287054	155.766	ug/l	99
64) Tetrachloroethene	9.274	164	195523	146.895	ug/l	94
65) Chlorobenzene	10.079	112	664124	149.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	252755	160.947	ug/l	99
67) Ethyl Benzene	10.195	91	1257497	151.948	ug/l	98
68) m/p-Xylenes	10.299	106	885935	298.569	ug/l	94
69) o-Xylene	10.640	106	440063	153.389	ug/l	93
70) Styrene	10.652	104	671483	160.098	ug/l	95
71) Bromoform	10.798	173	208462	178.584	ug/l #	100
73) Isopropylbenzene	10.963	105	1196748	151.556	ug/l	100
74) N-amyl acetate	10.841	43	664920	166.428	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	444766	151.409	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	384247m	145.116	ug/l	
77) Bromobenzene	11.201	156	269128	154.125	ug/l	90
78) n-propylbenzene	11.304	91	1476068	151.717	ug/l	97
79) 2-Chlorotoluene	11.365	91	884657	150.327	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1032308	153.460	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	160635	171.138	ug/l	93
82) 4-Chlorotoluene	11.451	91	1037116	150.045	ug/l	97
83) tert-Butylbenzene	11.713	119	1005197	157.013	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1068631	154.909	ug/l	99
85) sec-Butylbenzene	11.890	105	1252567	153.755	ug/l	98
86) p-Isopropyltoluene	12.012	119	1064726	155.735	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	519144	151.332	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	521568	146.021	ug/l	98
89) n-Butylbenzene	12.329	91	1066084	158.623	ug/l	97
90) Hexachloroethane	12.536	117	212047	171.699	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	486152	148.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	130347	168.468	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	336051	156.353	ug/l	99
94) Hexachlorobutadiene	13.725	225	126587	156.285	ug/l	98
95) Naphthalene	13.774	128	1229435	164.252	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	324307	156.302	ug/l	98

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VSTDICC150

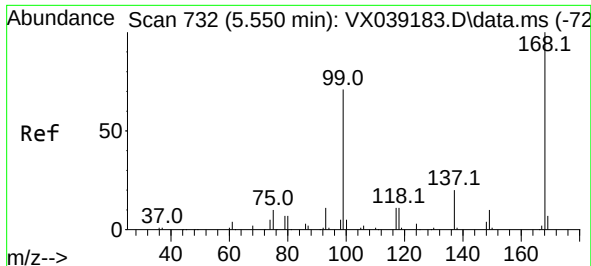
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/14/2023

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:05:14 2023
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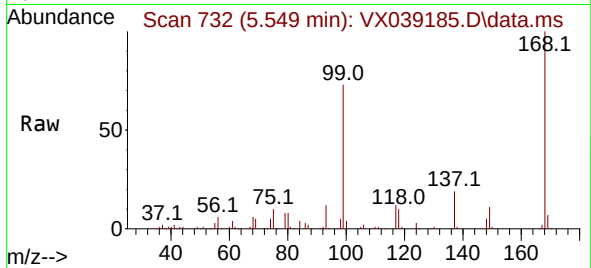
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
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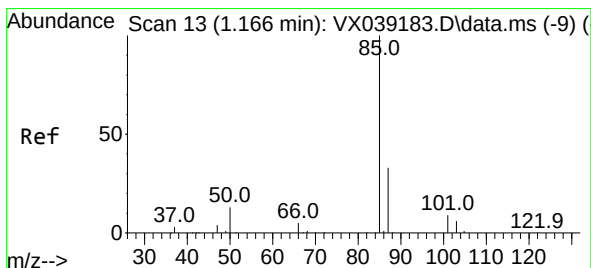
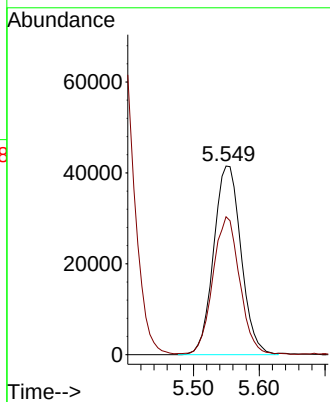
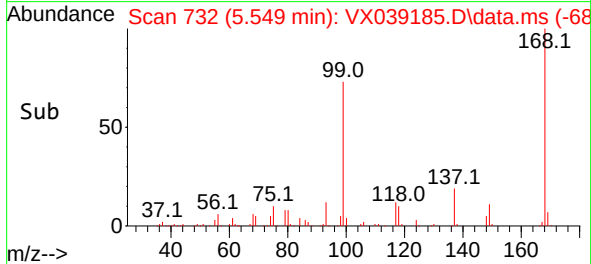
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 120488
Ion Ratio Lower Upper
168 100
99 72.5 56.6 85.0

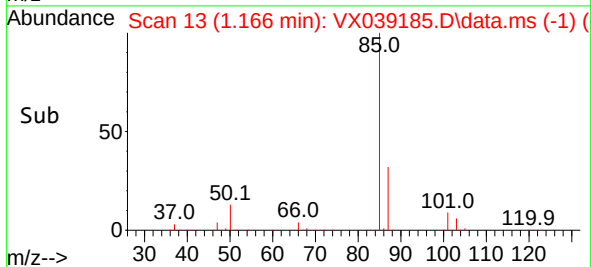
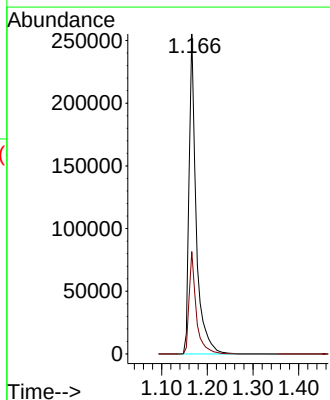
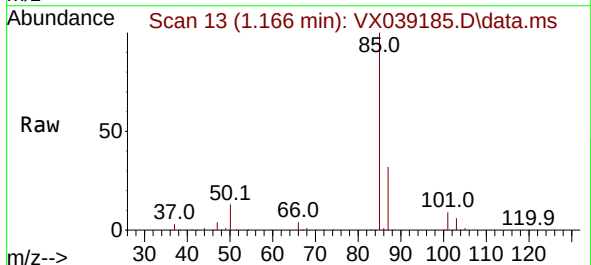
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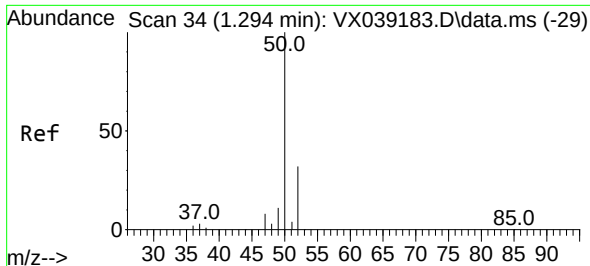
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#2
Dichlorodifluoromethane
Concen: 163.515 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

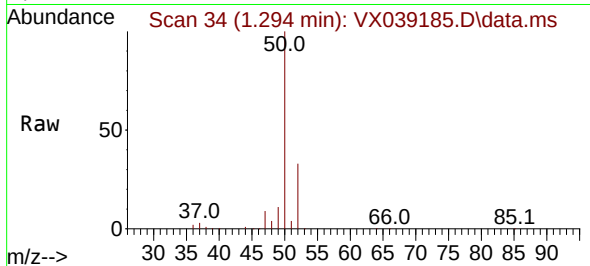
Tgt Ion: 85 Resp: 276844
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 158.579 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

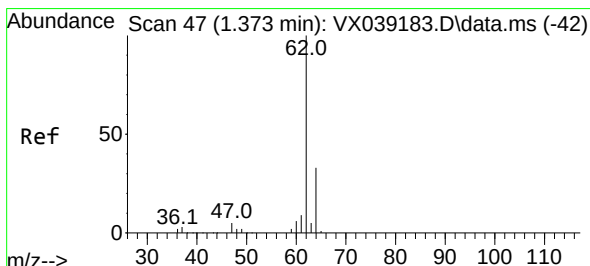
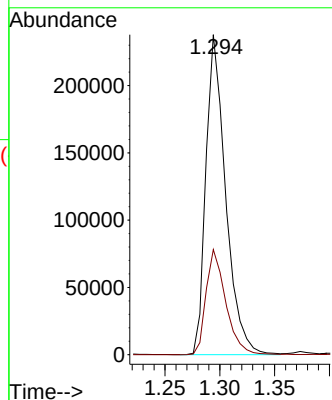
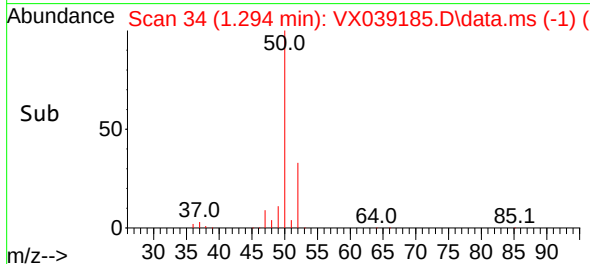
Instrument :
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Tgt Ion: 50 Resp: 297649
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

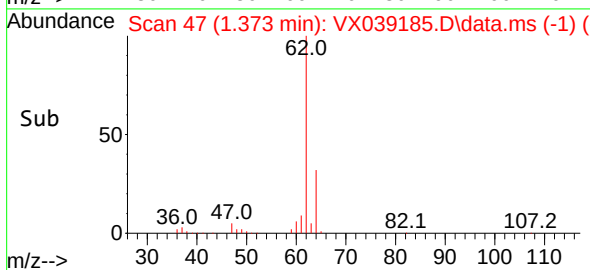
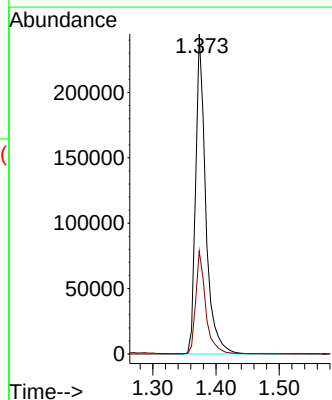
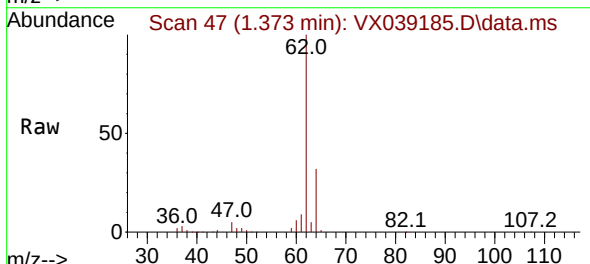
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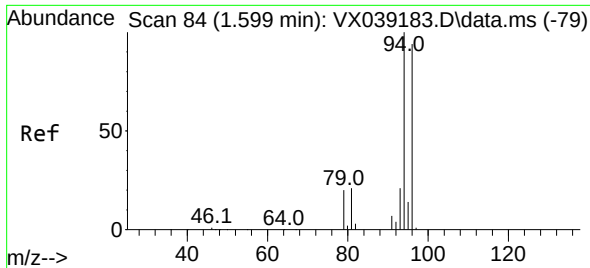
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#4
Vinyl Chloride
Concen: 155.906 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion: 62 Resp: 272155
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





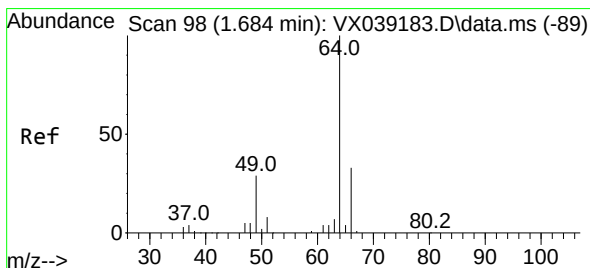
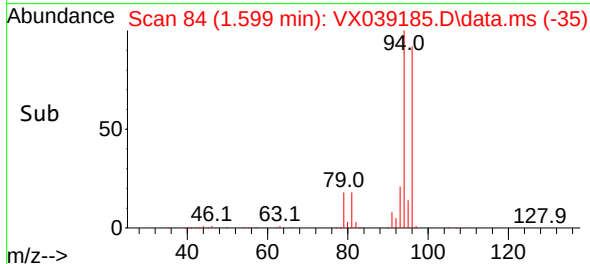
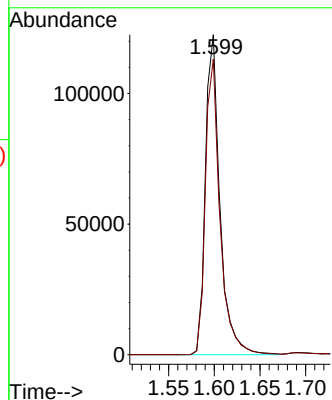
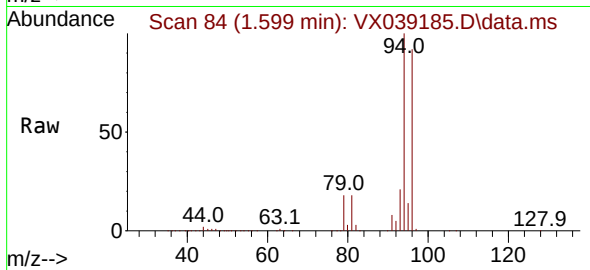
#5
Bromomethane
Concen: 135.237 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
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Tgt Ion: 94 Resp: 135819
Ion Ratio Lower Upper
94 100
96 92.4 74.6 111.8

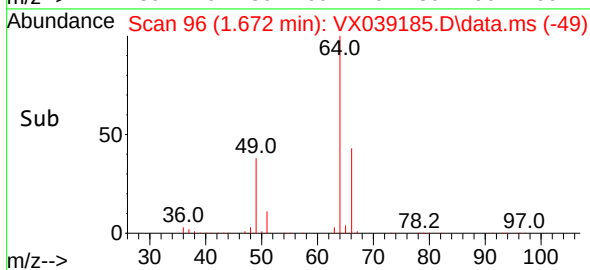
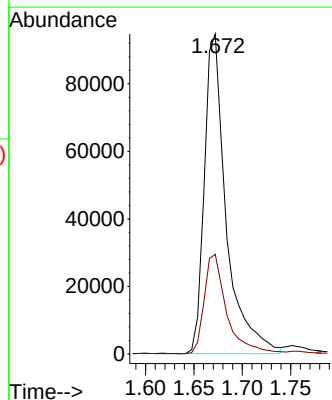
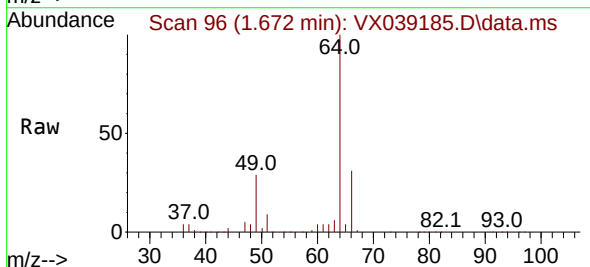
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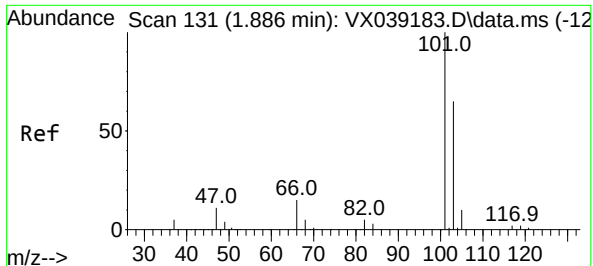
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#6
Chloroethane
Concen: 141.957 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

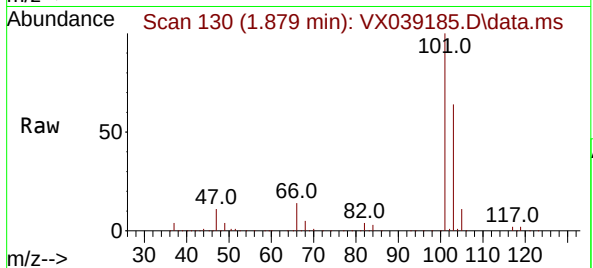
Tgt Ion: 64 Resp: 149334
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 153.329 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

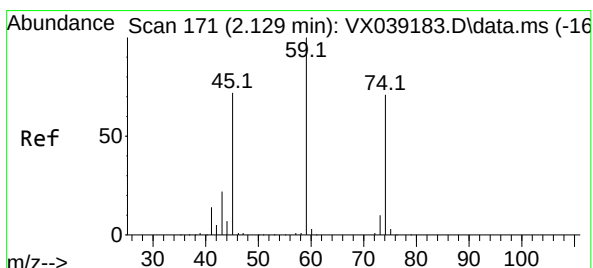
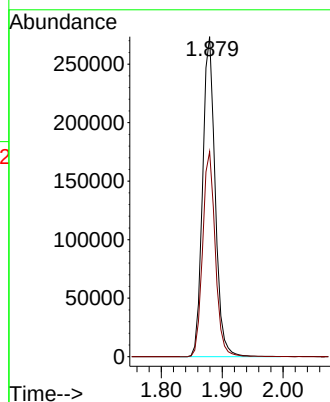
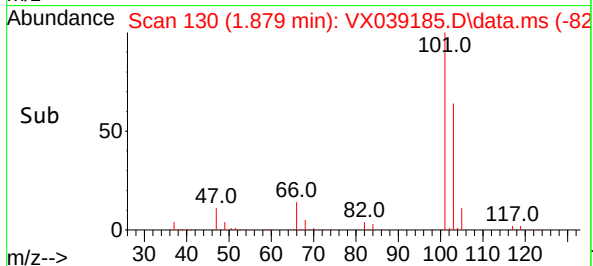
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



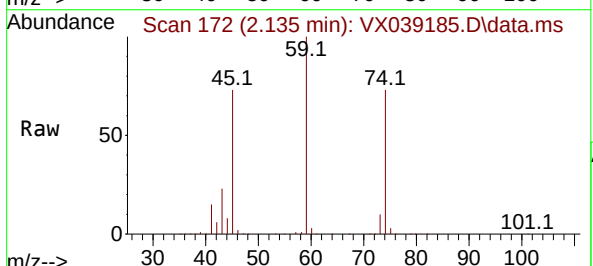
Tgt Ion:101 Resp: 391929
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

Manual Integrations
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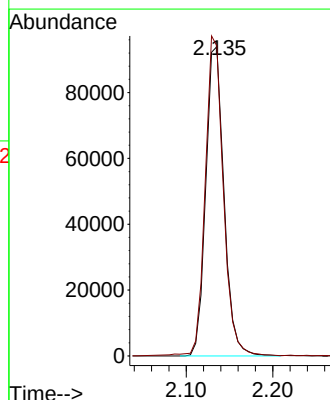
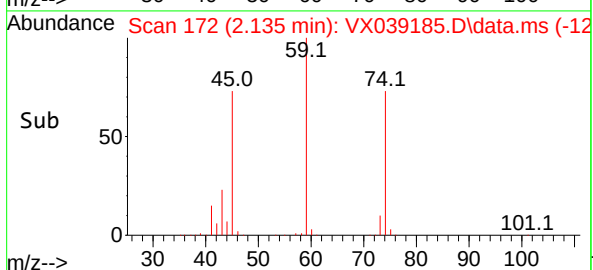
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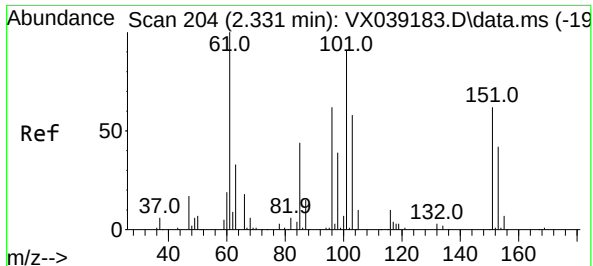


#8
Diethyl Ether
Concen: 154.943 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 137075
Ion Ratio Lower Upper
74 100
45 103.4 53.3 159.8





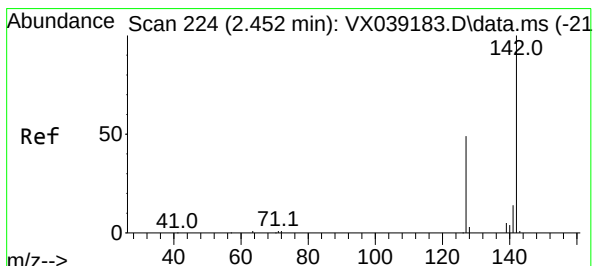
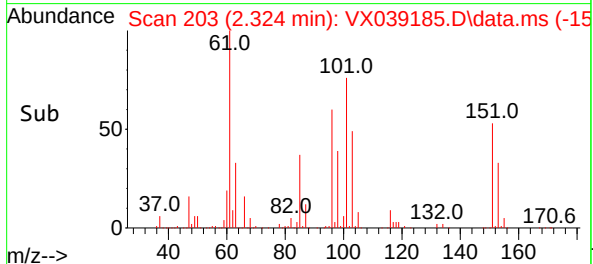
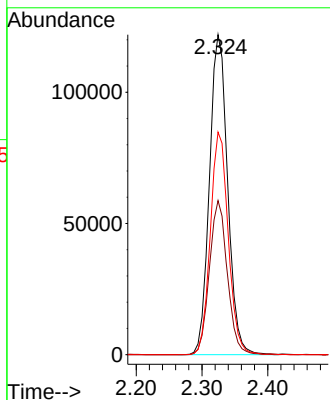
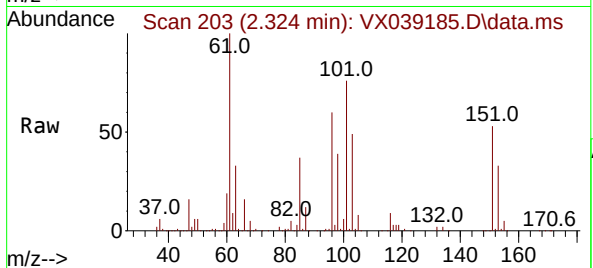
#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.504 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 234762
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 68.6 58.6 87.8

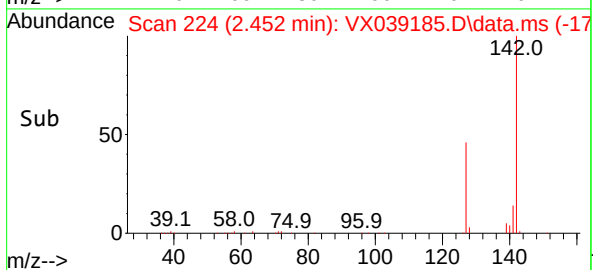
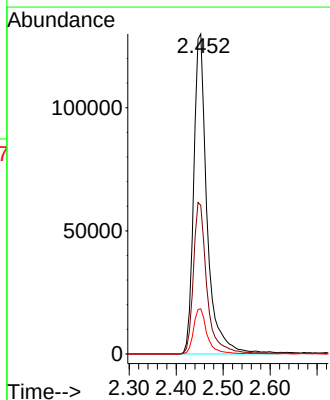
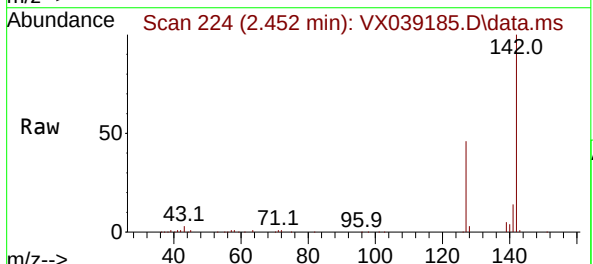
Manual Integrations
APPROVED

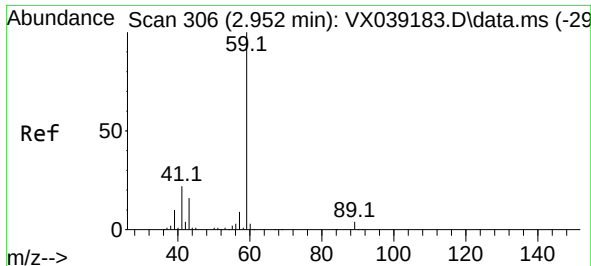
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 160.473 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion:142 Resp: 258729
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 14.2 11.6 17.4





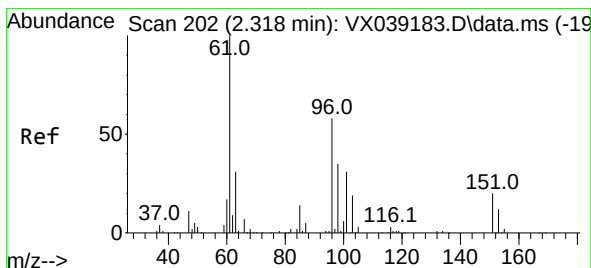
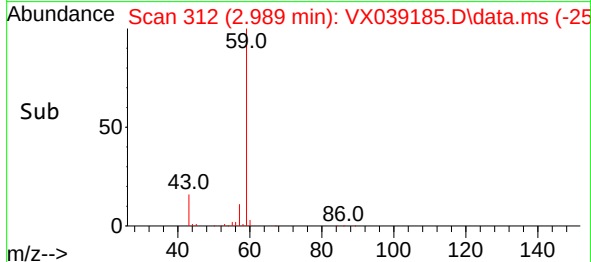
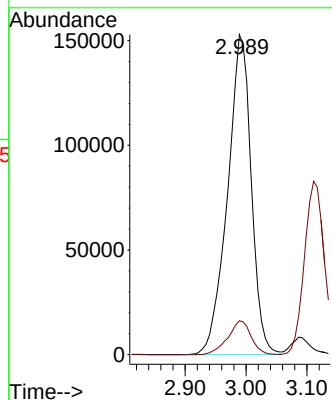
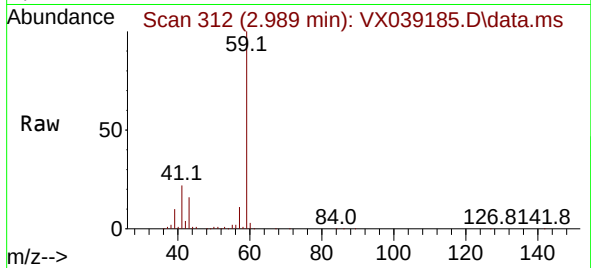
#11
Tert butyl alcohol
Concen: 746.183 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.037 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 41359
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

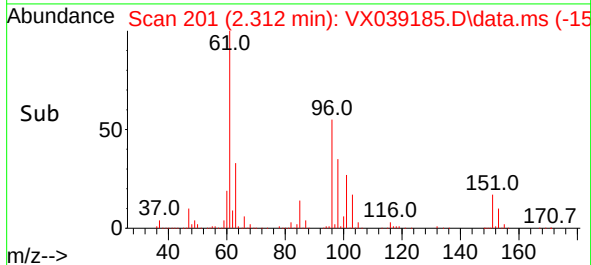
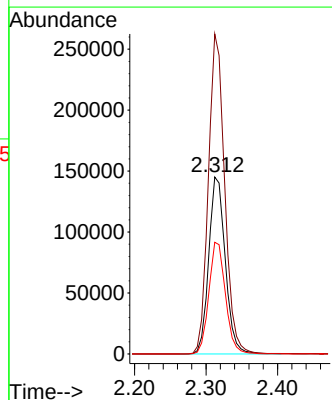
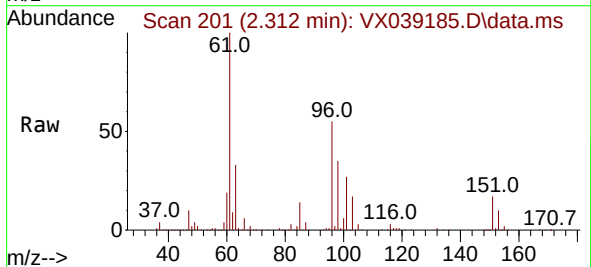
Manual Integrations
APPROVED

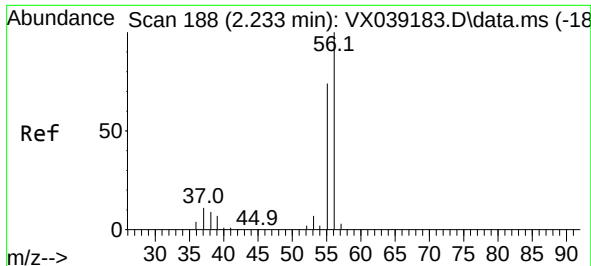
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#12
1,1-Dichloroethene
Concen: 150.817 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

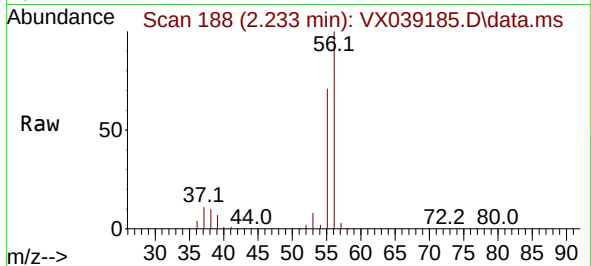
Tgt Ion: 96 Resp: 233681
Ion Ratio Lower Upper
96 100
61 180.9 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 834.290 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

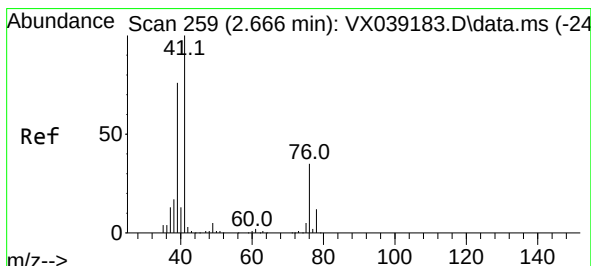
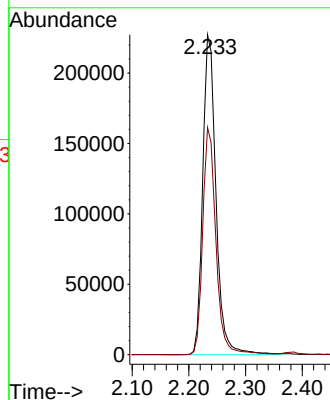
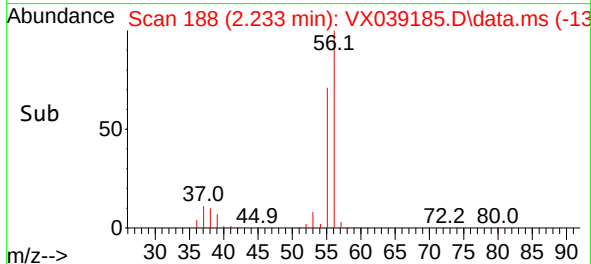
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 368909
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

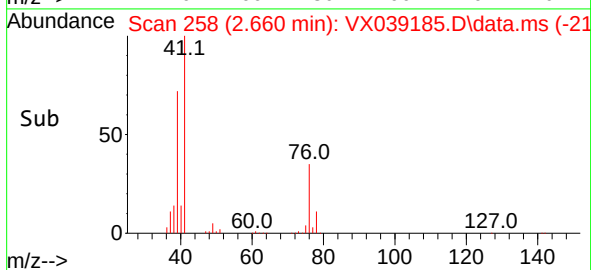
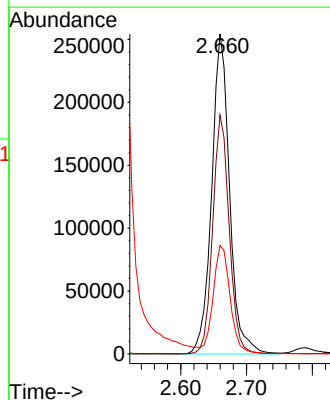
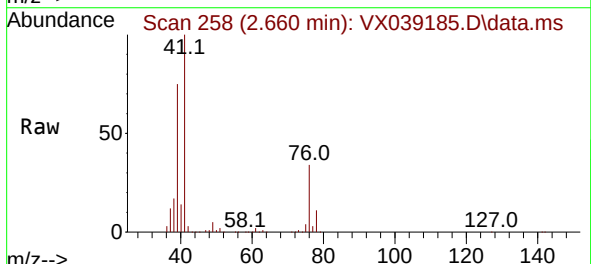
Manual Integrations
APPROVED

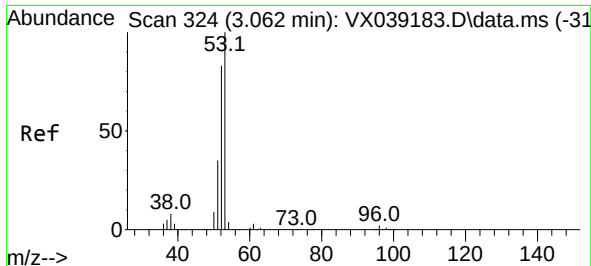
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#14
Allyl chloride
Concen: 153.748 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

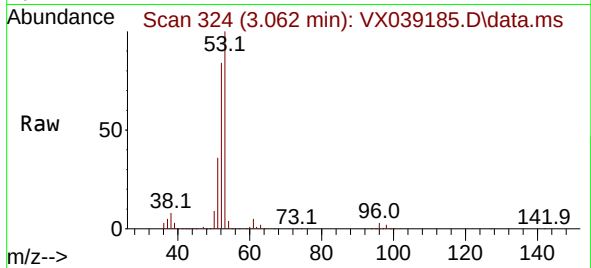
Tgt Ion: 41 Resp: 482581
Ion Ratio Lower Upper
41 100
39 68.6 55.8 83.6
76 32.4 24.3 36.5





#15
Acrylonitrile
Concen: 728.507 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

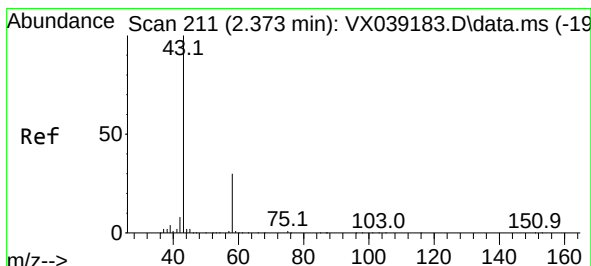
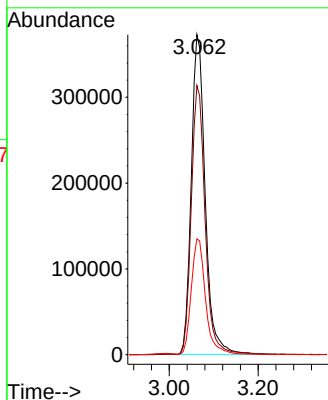
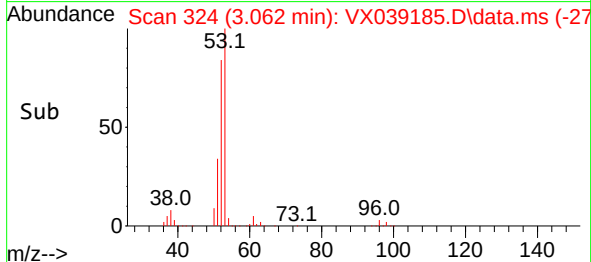
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



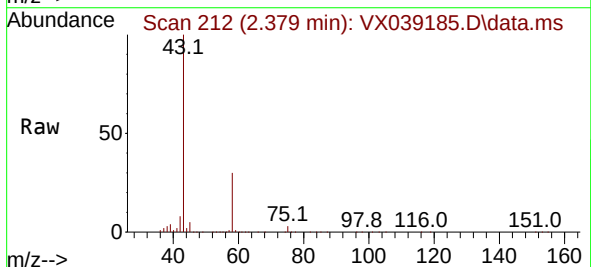
Tgt Ion: 53 Resp: 80824
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 37.2 29.8 44.6

Manual Integrations
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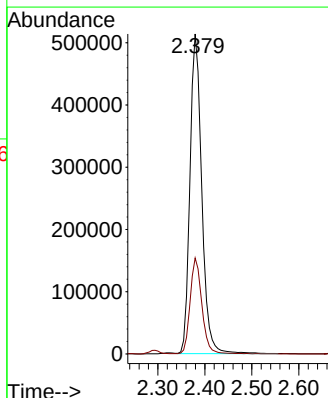
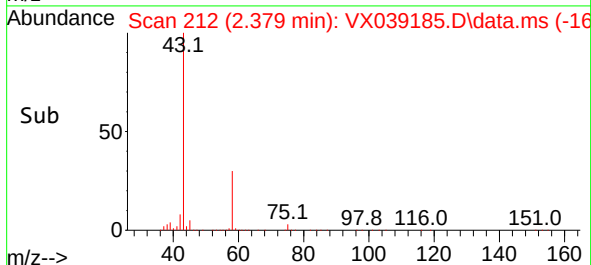
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

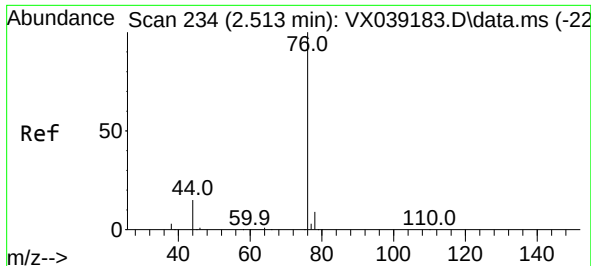


#16
Acetone
Concen: 756.406 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06



Tgt Ion: 43 Resp: 893934
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





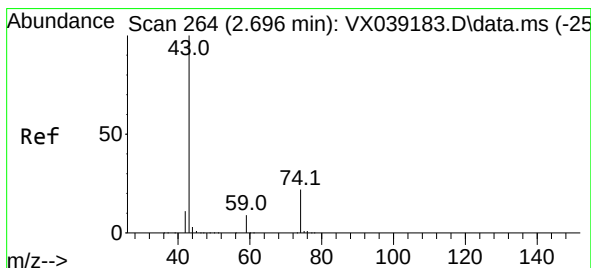
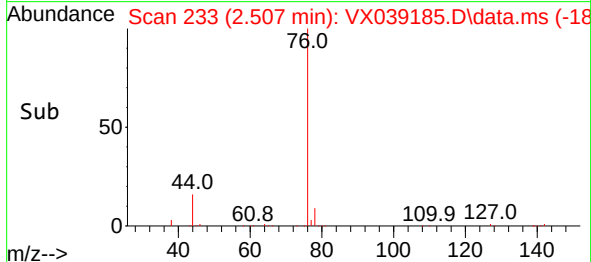
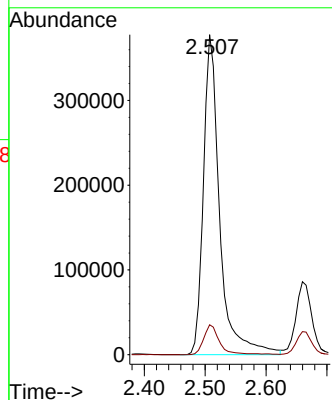
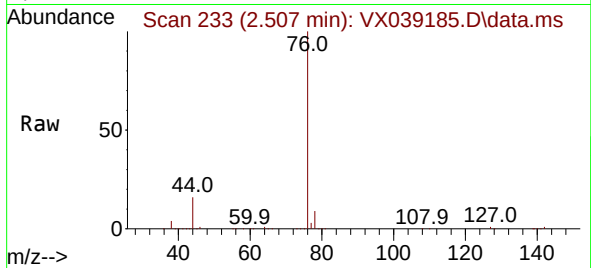
#17
Carbon Disulfide
Concen: 154.405 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 70010
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

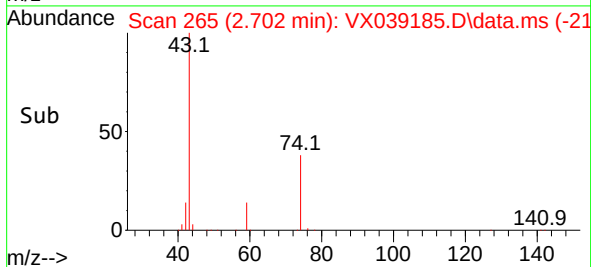
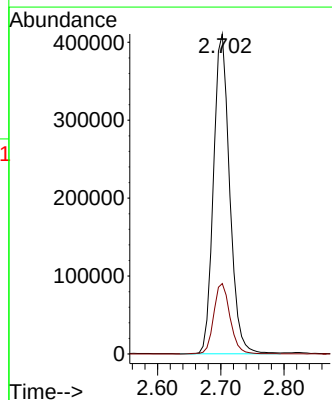
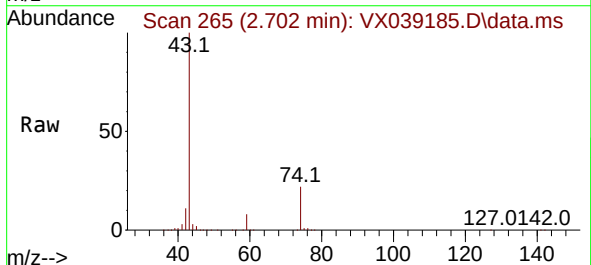
Manual Integrations
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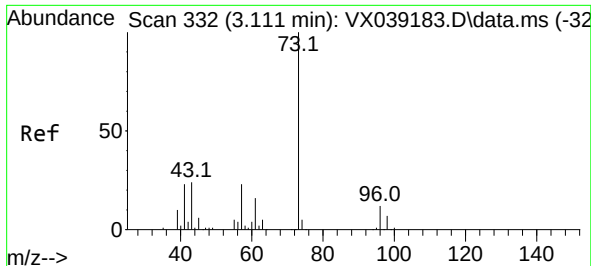
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 152.706 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

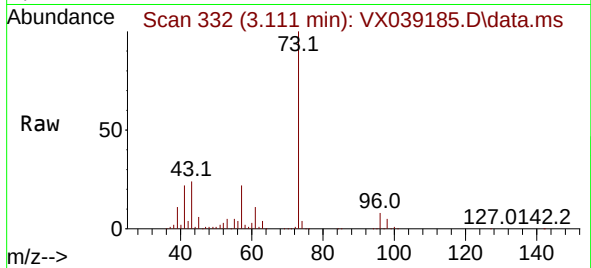
Tgt Ion: 43 Resp: 729042
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 154.421 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

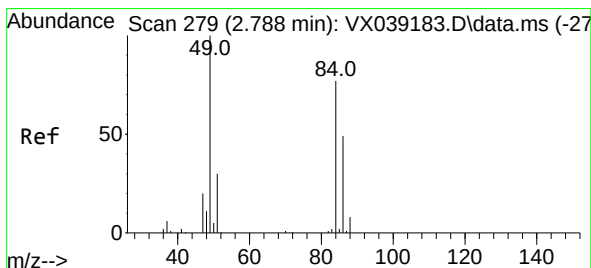
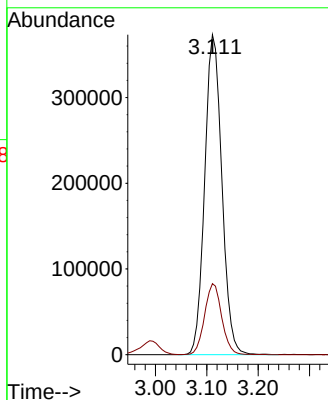
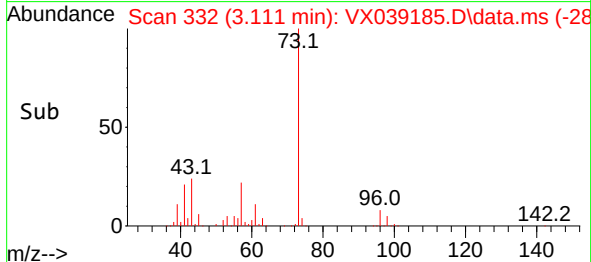
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 865320
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

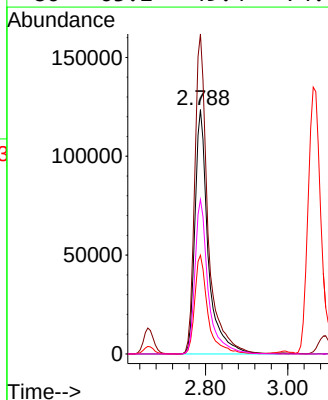
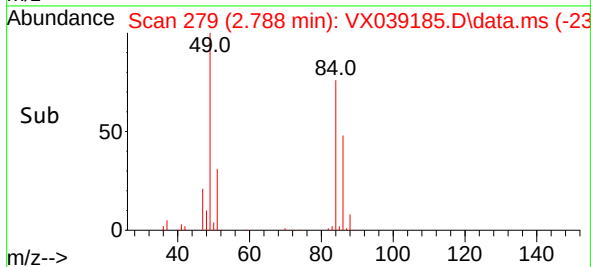
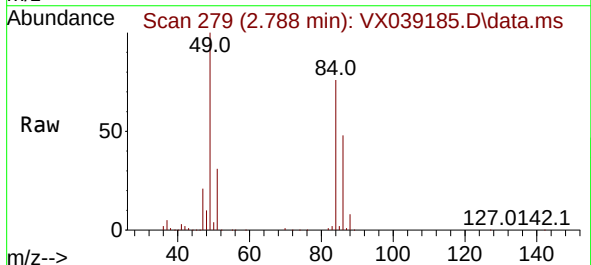
Manual Integrations
APPROVED

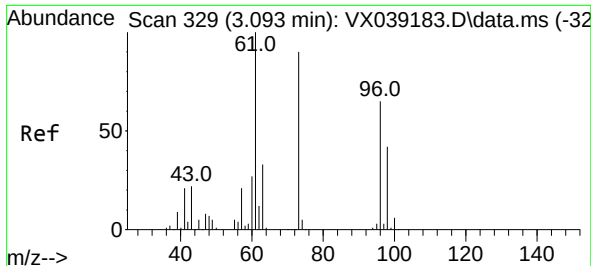
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 149.680 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

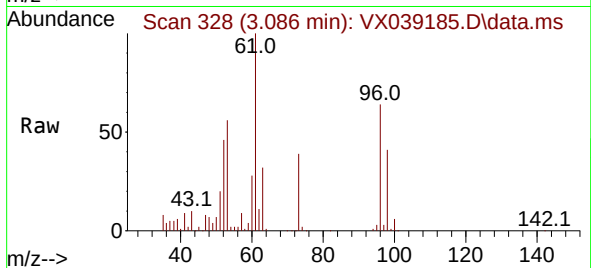
Tgt Ion: 84 Resp: 275412
Ion Ratio Lower Upper
84 100
49 131.0 103.6 155.4
51 40.4 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 148.034 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

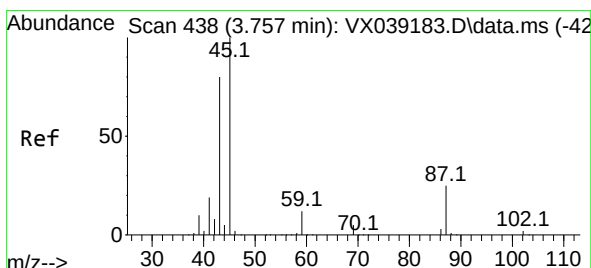
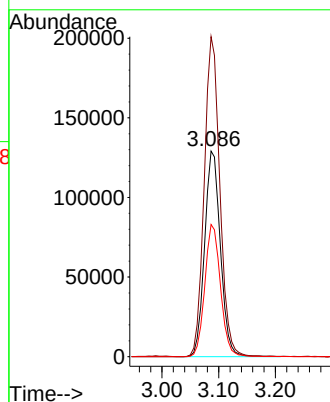
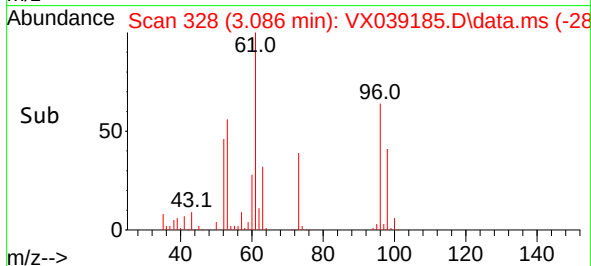
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 249584
Ion Ratio Lower Upper
96 100
61 155.7 119.2 178.8
98 64.3 48.7 73.1

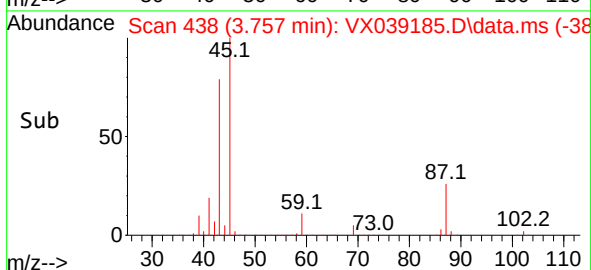
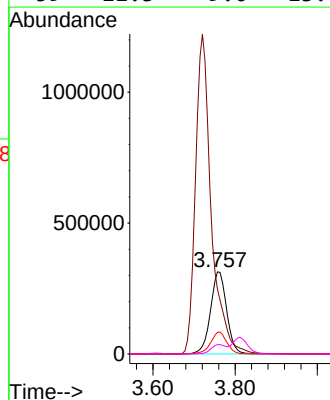
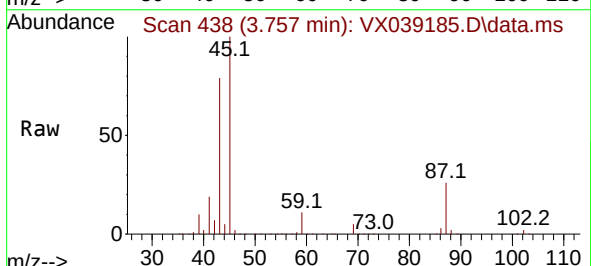
Manual Integrations
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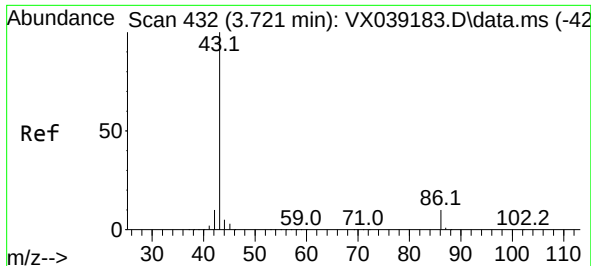
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#22
Diisopropyl ether
Concen: 149.613 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion: 45 Resp: 854825
Ion Ratio Lower Upper
45 100
43 78.8 69.7 104.5
87 26.4 20.8 31.2
59 11.3 9.0 13.4





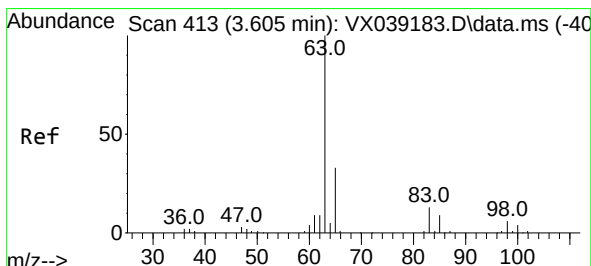
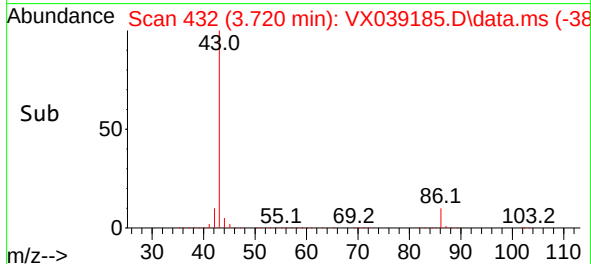
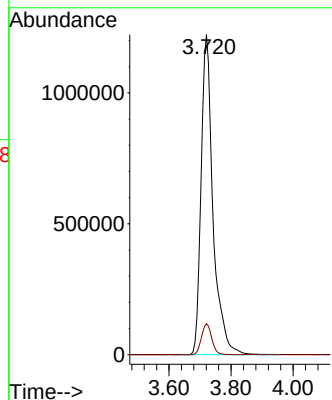
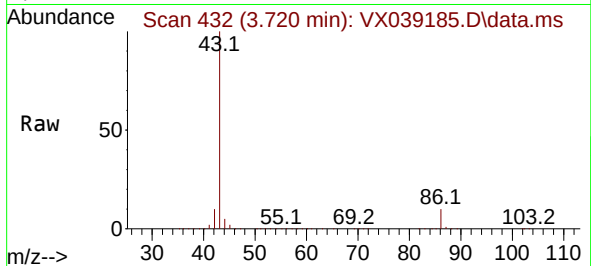
#23
 Vinyl Acetate
 Concen: 764.897 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX039185.D
 Acq: 13 Dec 2023 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 325356
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

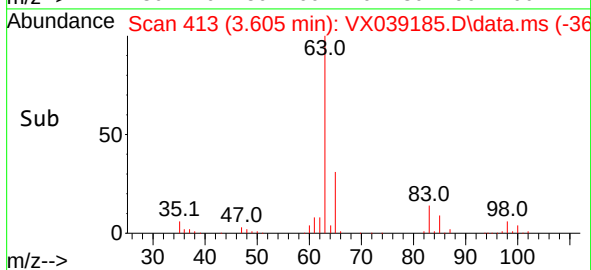
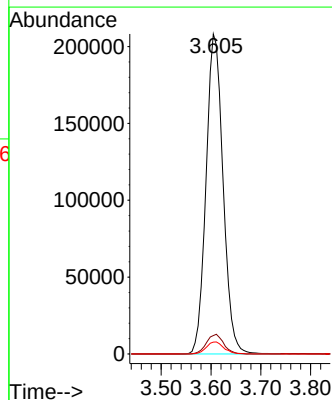
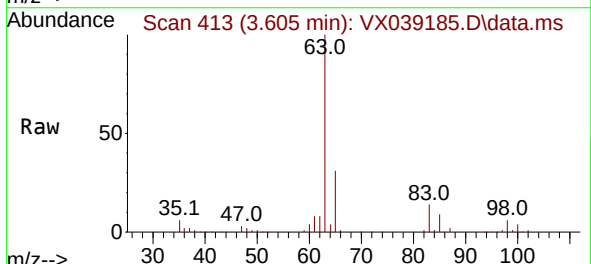
Manual Integrations
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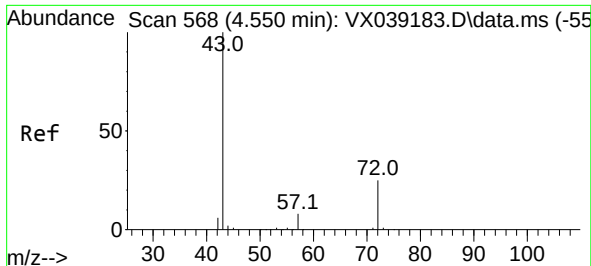
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 152.741 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX039185.D
 Acq: 13 Dec 2023 12:06

Tgt Ion: 63 Resp: 493320
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.8
 100 3.7 2.1 6.5





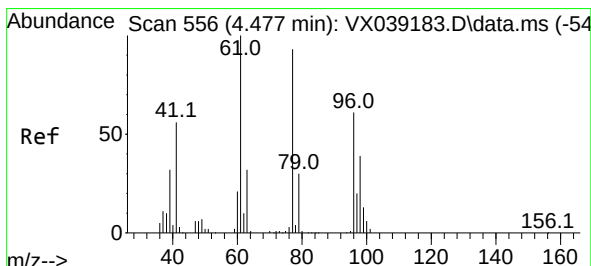
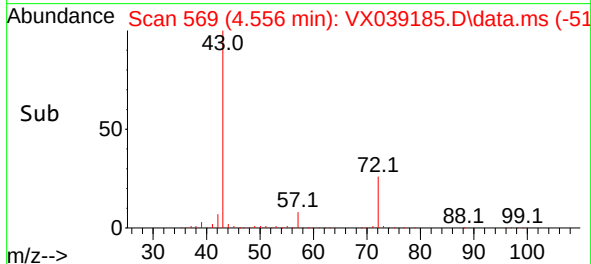
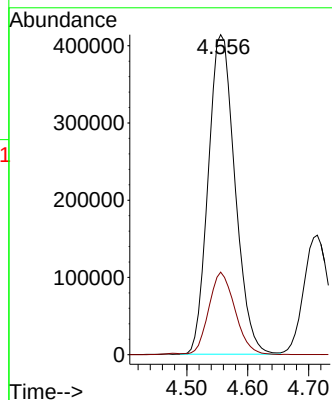
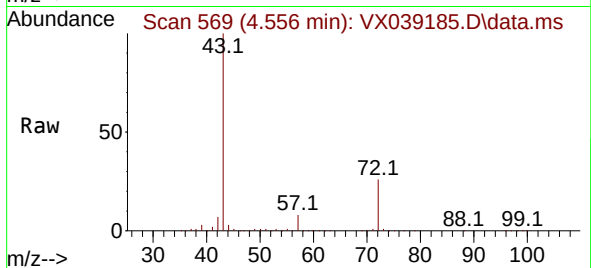
#25
2-Butanone
Concen: 664.002 ug/l
RT: 4.556 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1264720
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

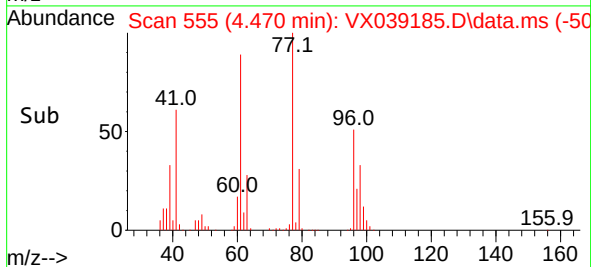
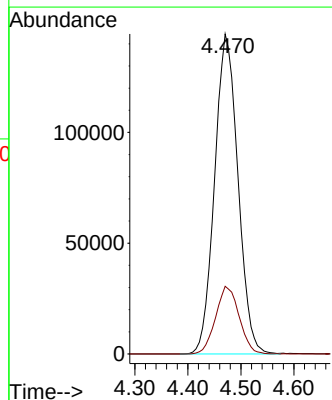
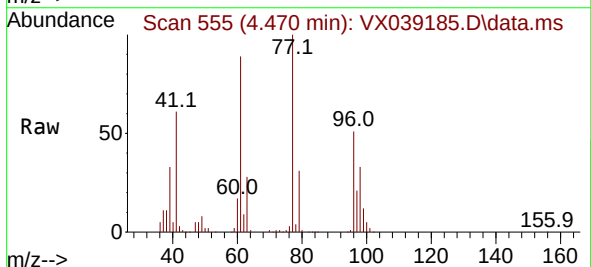
Manual Integrations
APPROVED

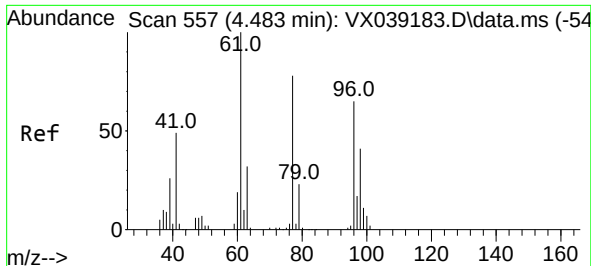
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 156.694 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

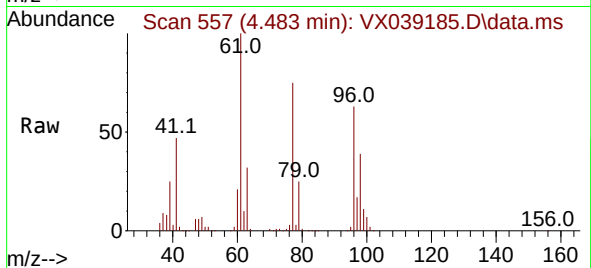
Tgt Ion: 77 Resp: 441830
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 155.676 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX039185.D
 Acq: 13 Dec 2023 12:06

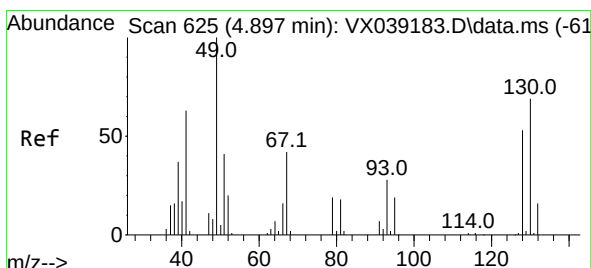
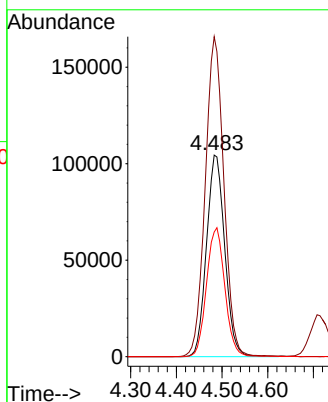
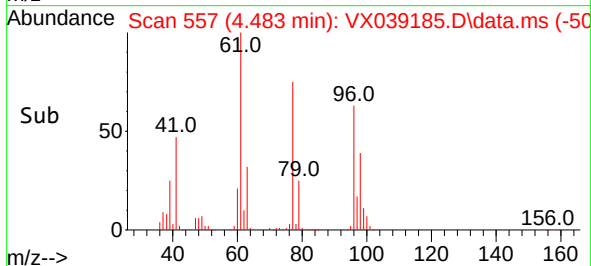
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 28970
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 312.2
 98 64.4 0.0 129.0

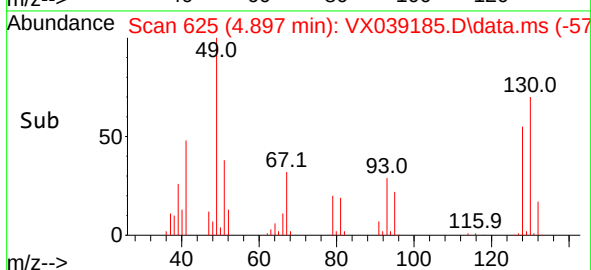
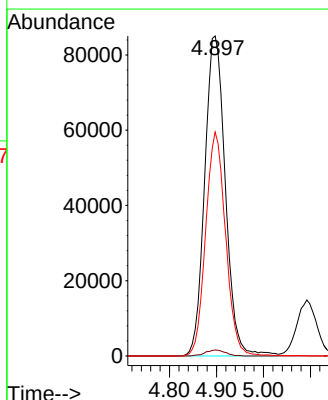
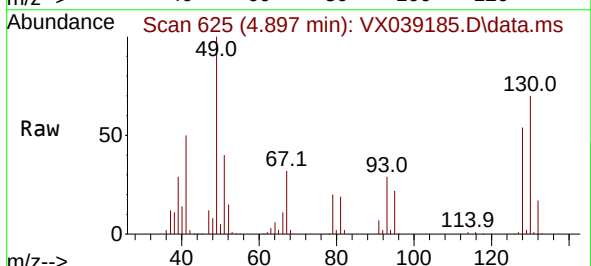
Manual Integrations
 APPROVED

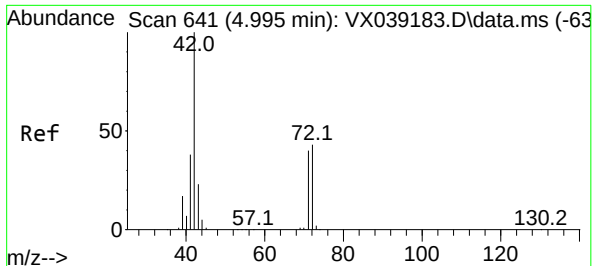
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#28
 Bromochloromethane
 Concen: 164.831 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX039185.D
 Acq: 13 Dec 2023 12:06

Tgt Ion: 49 Resp: 259760
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 67.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 743.998 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 78258

Ion Ratio Lower Upper

42 100

72 43.4 34.2 51.4

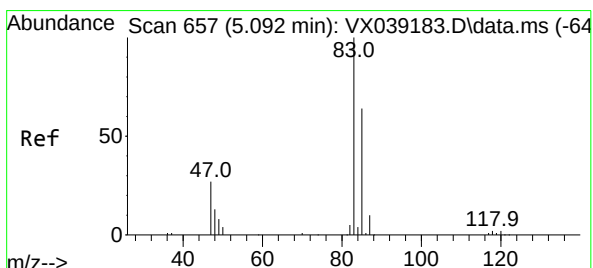
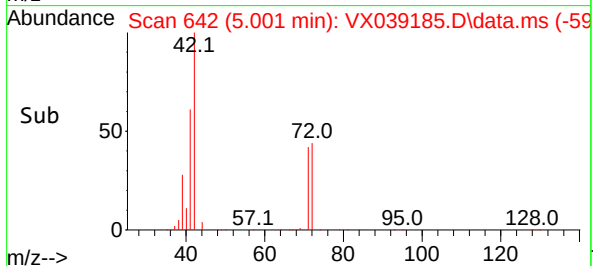
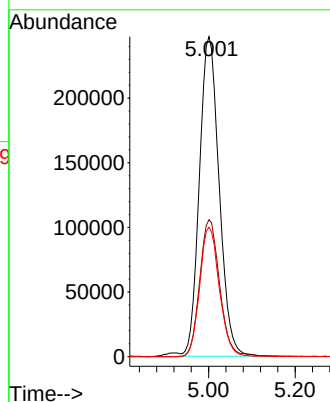
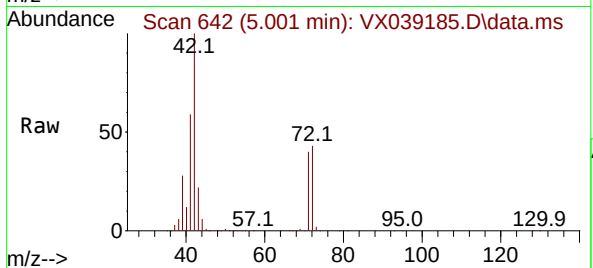
71 40.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 154.321 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX039185.D

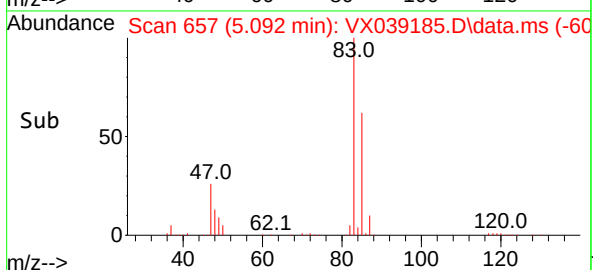
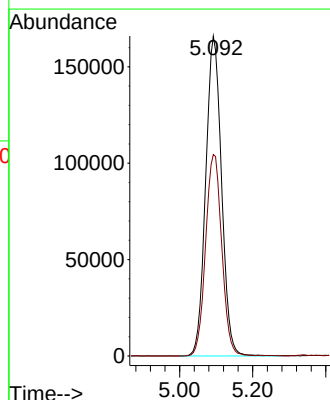
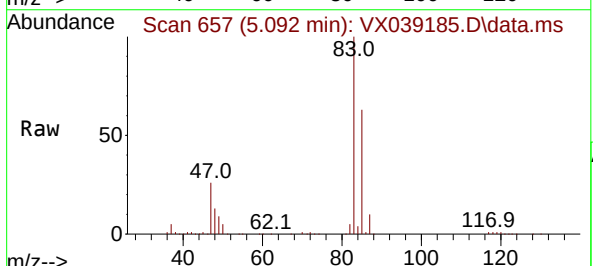
Acq: 13 Dec 2023 12:06

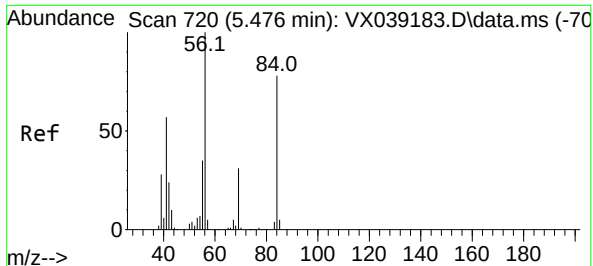
Tgt Ion: 83 Resp: 498087

Ion Ratio Lower Upper

83 100

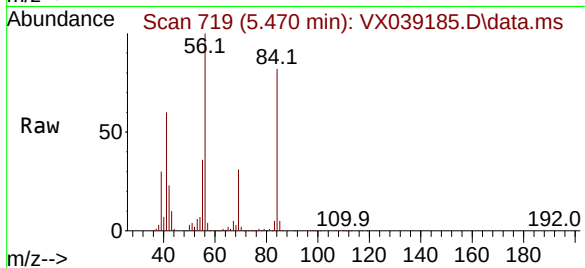
85 63.0 50.3 75.5





#31
Cyclohexane
Concen: 149.095 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

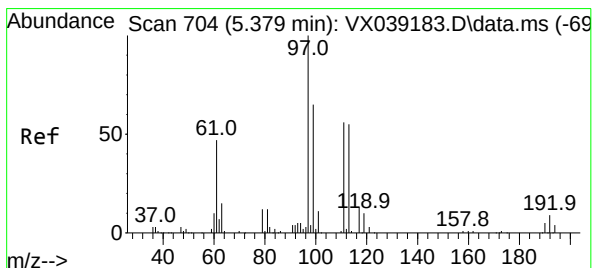
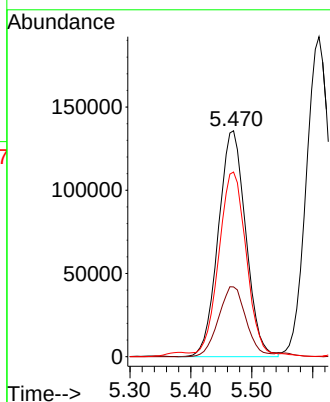
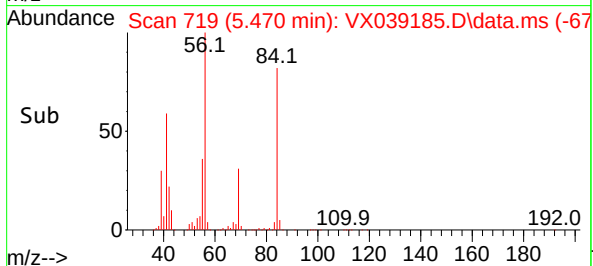
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



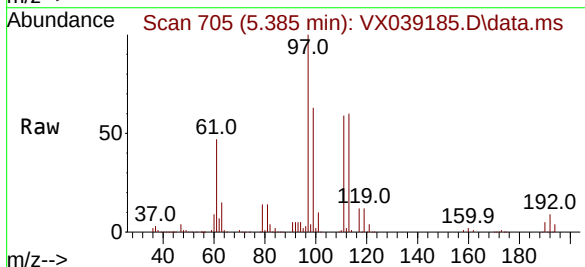
Tgt Ion: 56 Resp: 425056
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 80.4 65.9 98.9

Manual Integrations
APPROVED

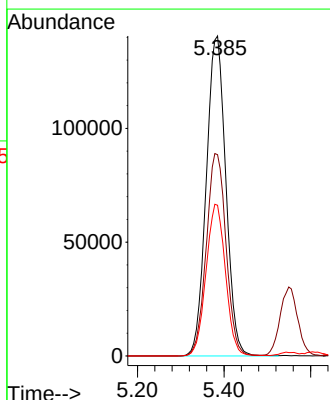
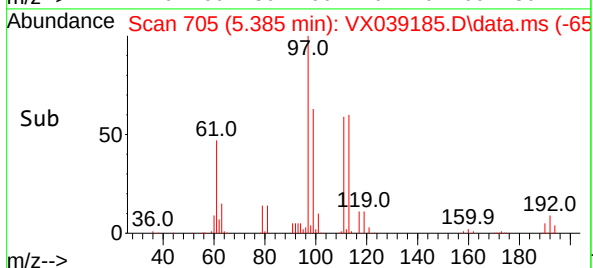
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

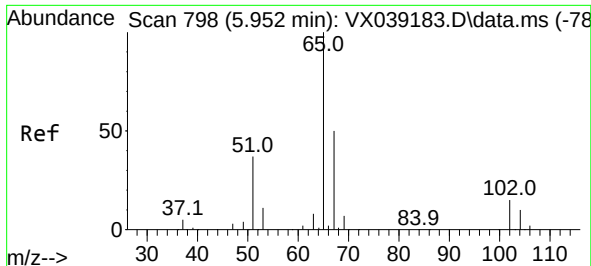


#32
1,1,1-Trichloroethane
Concen: 157.360 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06



Tgt Ion: 97 Resp: 440915
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 47.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 157.921 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 348572

Ion Ratio Lower Upper

65 100

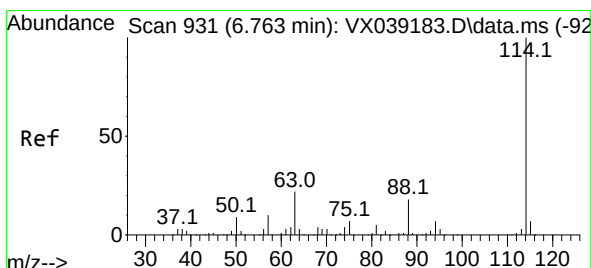
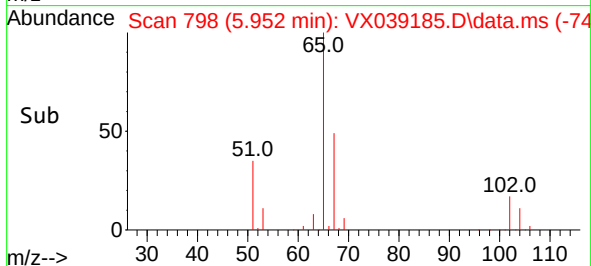
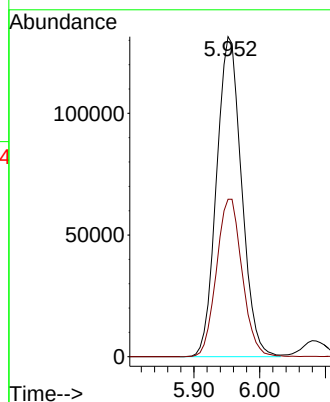
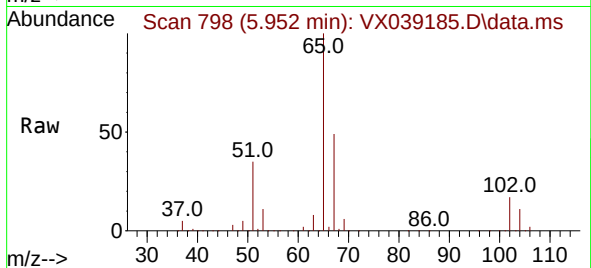
67 50.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

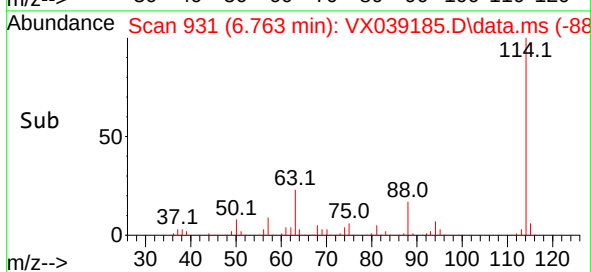
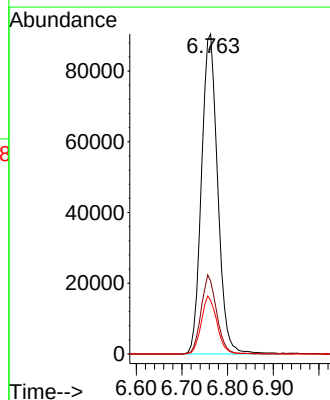
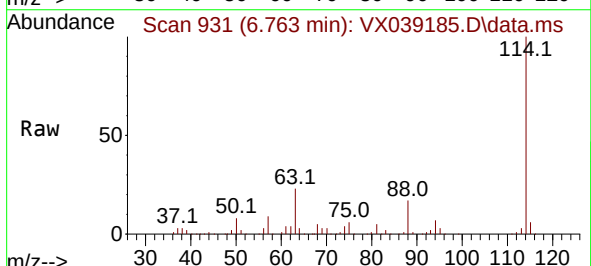
Tgt Ion:114 Resp: 222157

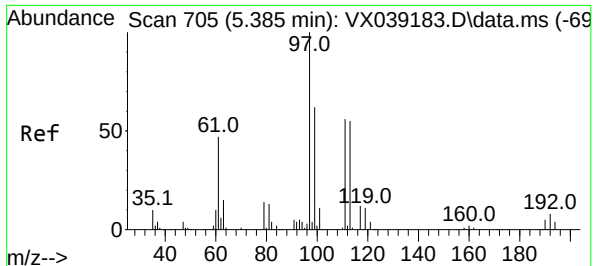
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 157.563 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

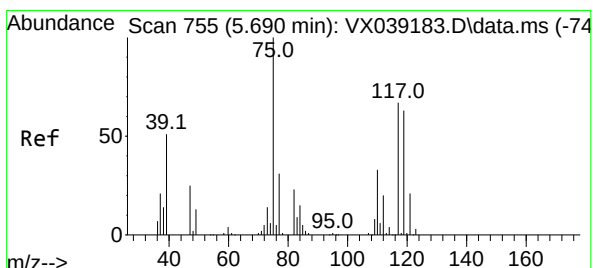
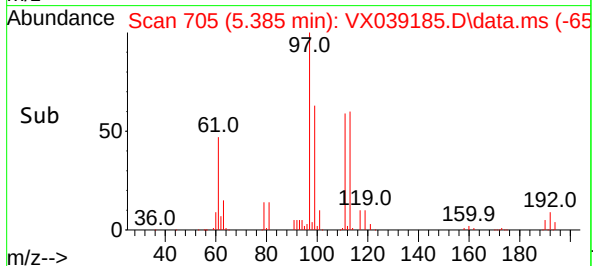
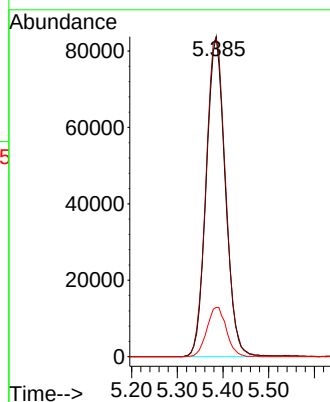
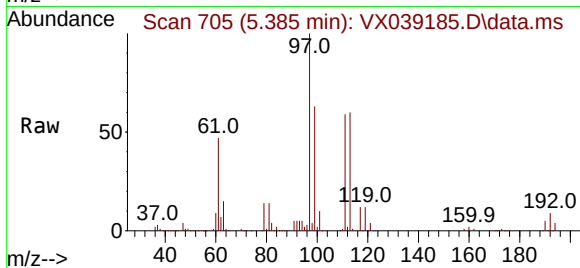
Tgt Ion:	113	Resp:	24182
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	15.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#36

1,1-Dichloropropene

Concen: 152.962 ug/l

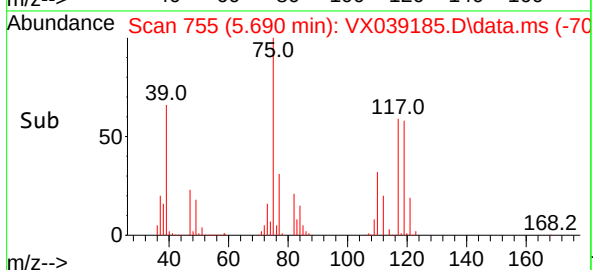
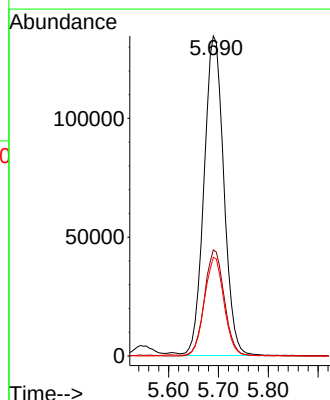
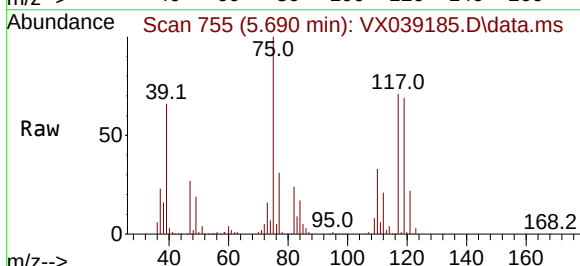
RT: 5.690 min Scan# 755

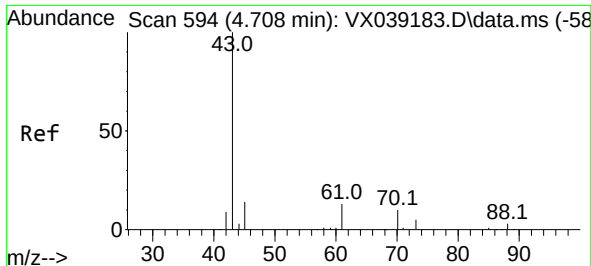
Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Tgt Ion:	75	Resp:	370460
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.0	50.9
77	30.7	24.7	37.1





#37

Ethyl Acetate

Concen: 151.913 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 45454

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

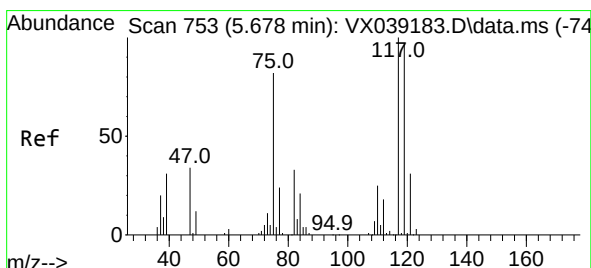
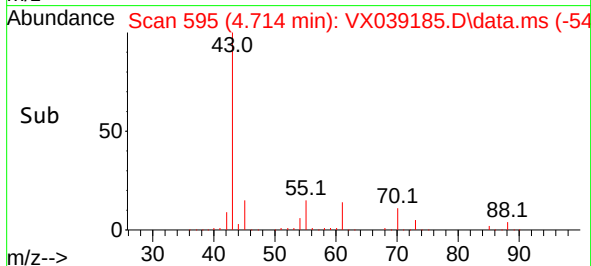
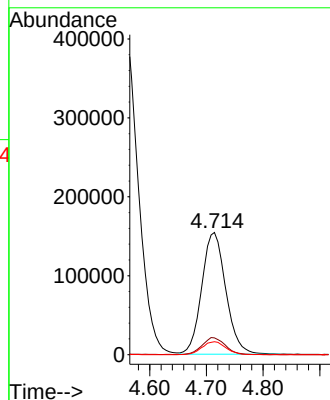
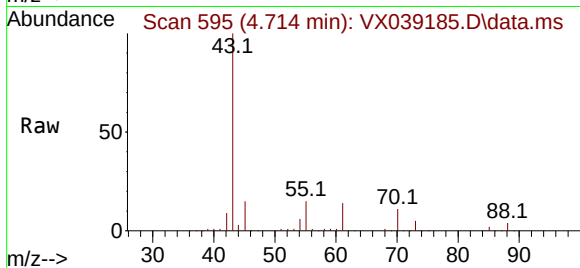
70 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#38

Carbon Tetrachloride

Concen: 161.495 ug/l

RT: 5.671 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

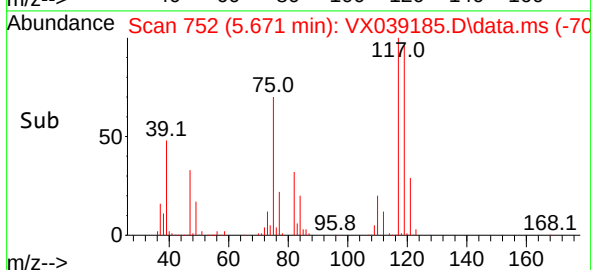
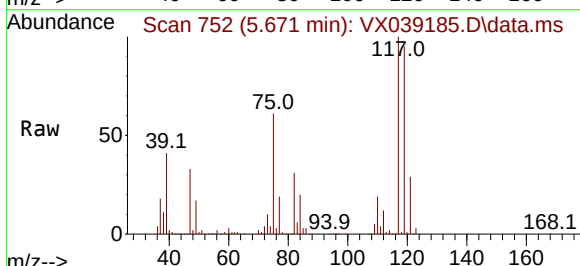
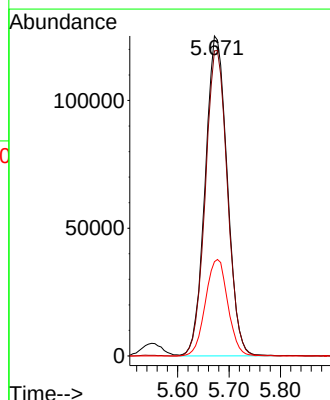
Tgt Ion:117 Resp: 373258

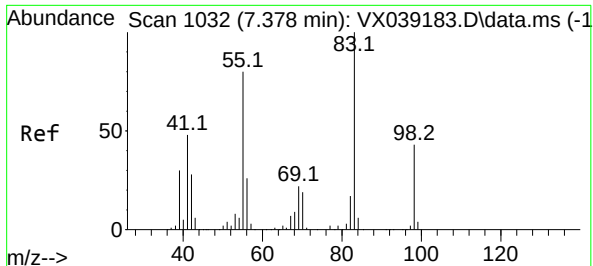
Ion Ratio Lower Upper

117 100

119 95.3 78.2 117.2

121 29.5 24.4 36.6





#39

Methylcyclohexane

Concen: 151.406 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 440468

Ion Ratio Lower Upper

83 100

55 82.2 64.6 97.0

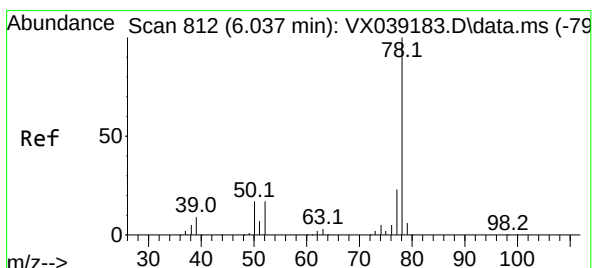
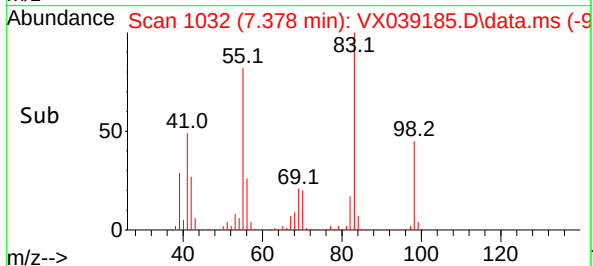
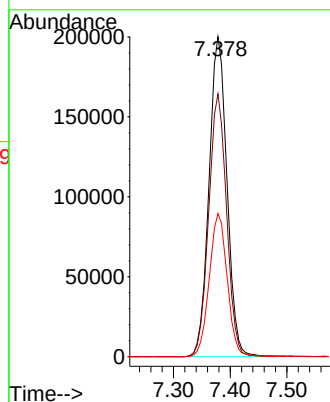
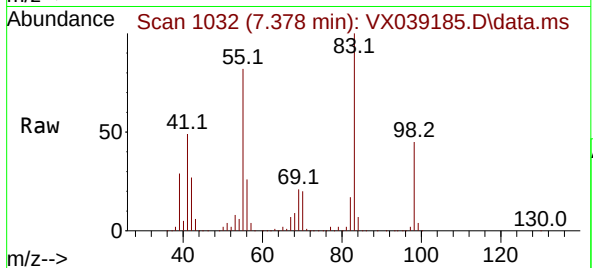
98 44.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#40

Benzene

Concen: 151.966 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039185.D

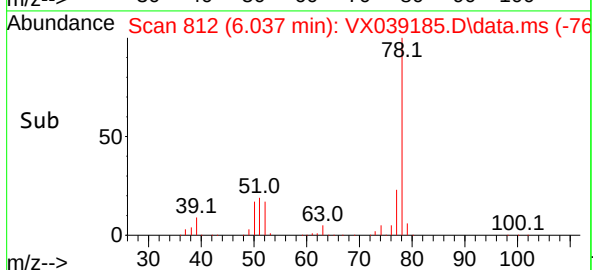
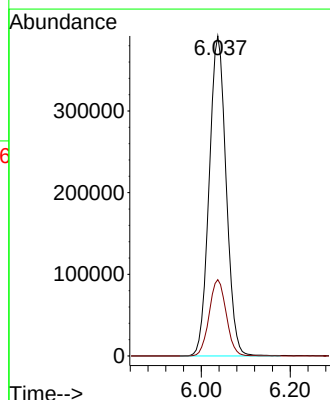
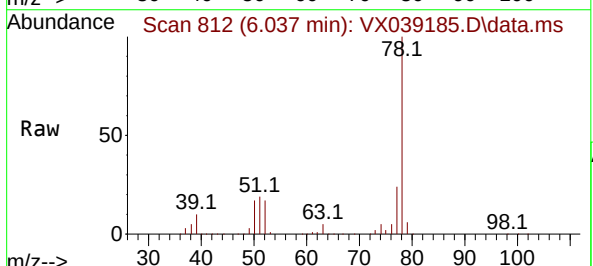
Acq: 13 Dec 2023 12:06

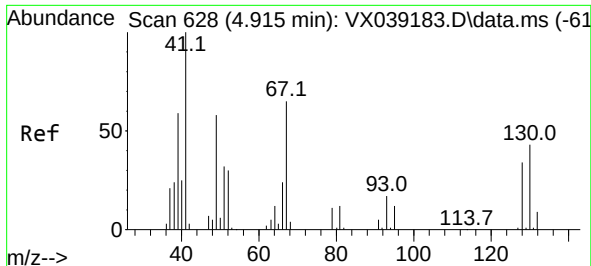
Tgt Ion: 78 Resp: 1041113

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9





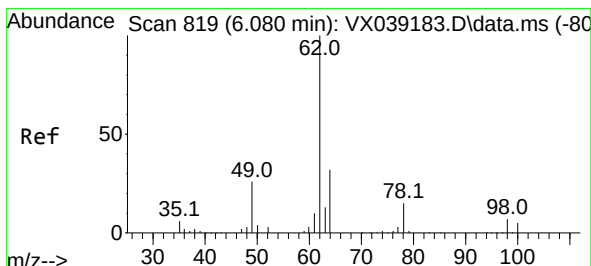
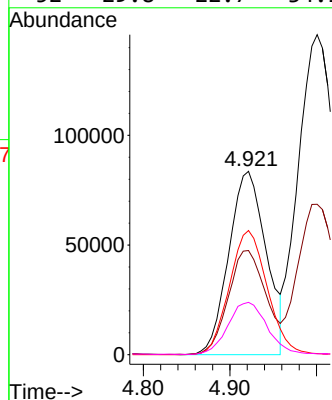
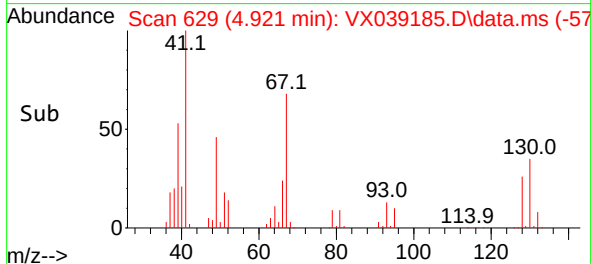
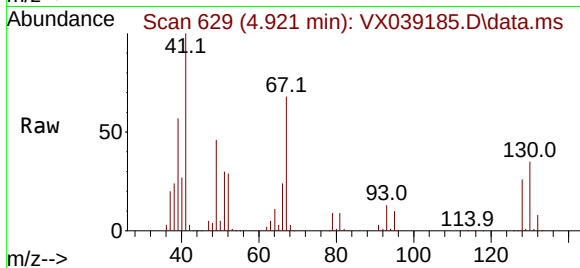
#41
Methacrylonitrile
Concen: 157.526 ug/l
RT: 4.921 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 25148
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 68.6 52.6 78.8
52 29.8 22.7 34.1

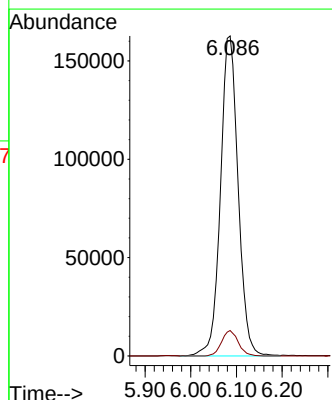
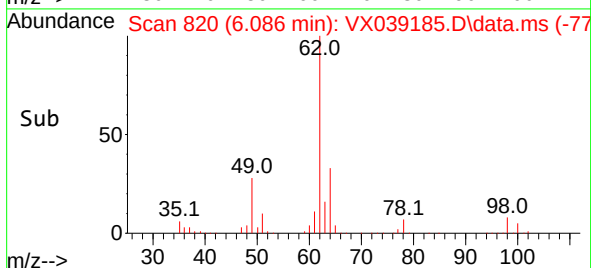
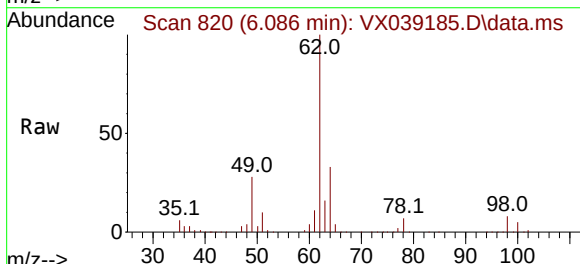
Manual Integrations
APPROVED

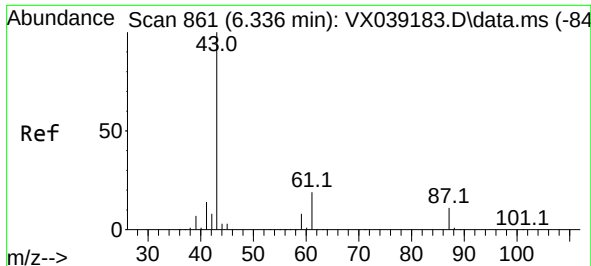
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 157.411 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion: 62 Resp: 436535
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 156.388 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 76093

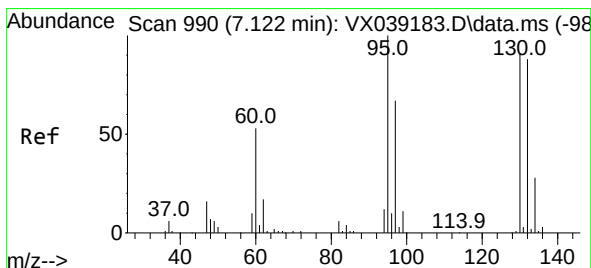
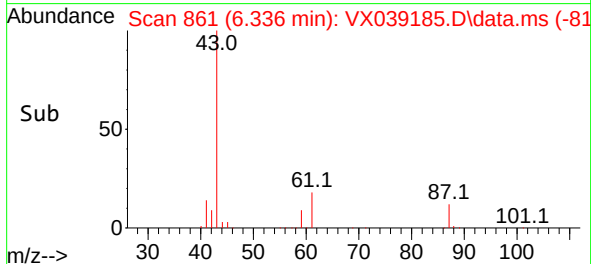
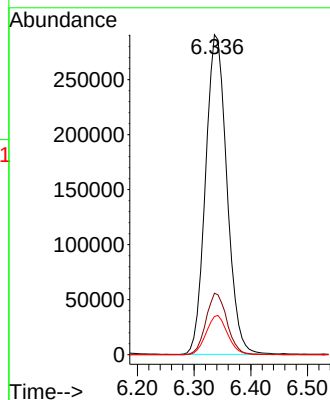
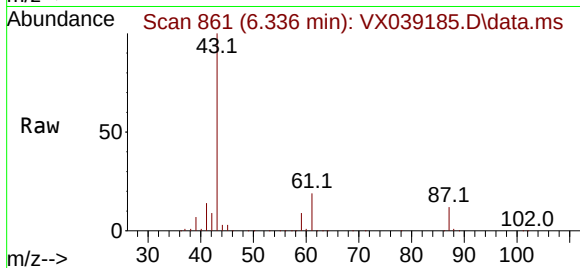
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#44

Trichloroethene

Concen: 151.213 ug/l

RT: 7.122 min Scan# 990

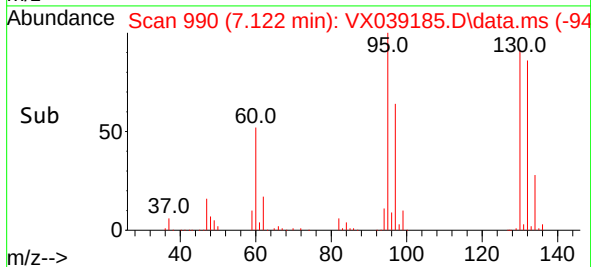
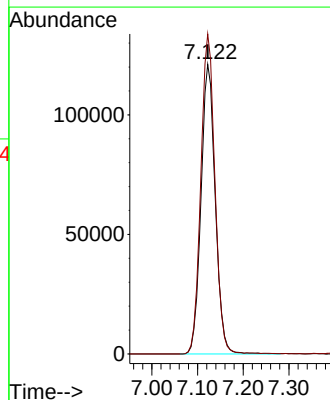
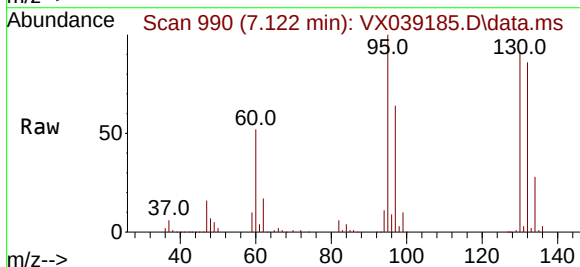
Delta R.T. -0.000 min

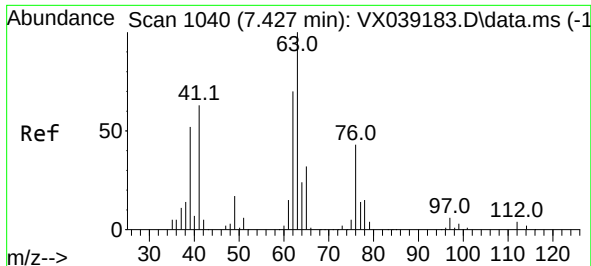
Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Tgt Ion:130 Resp: 261420

Ion	Ratio	Lower	Upper
130	100		
95	110.5	0.0	204.4





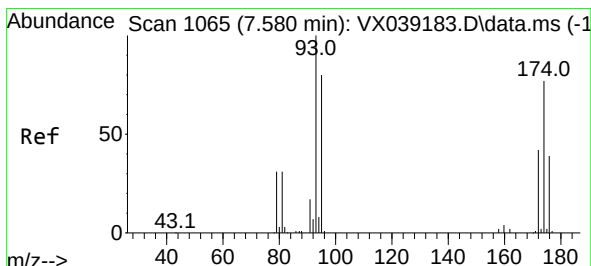
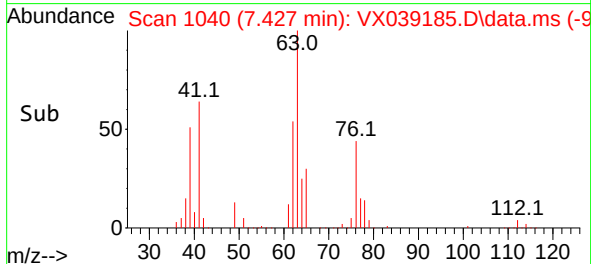
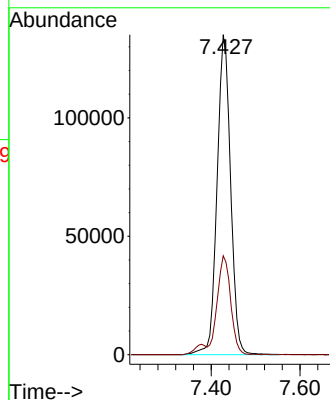
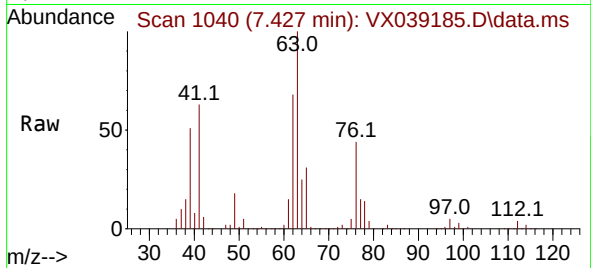
#45
1,2-Dichloropropane
Concen: 154.574 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 28421
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5

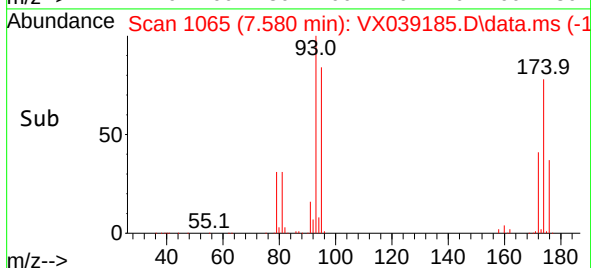
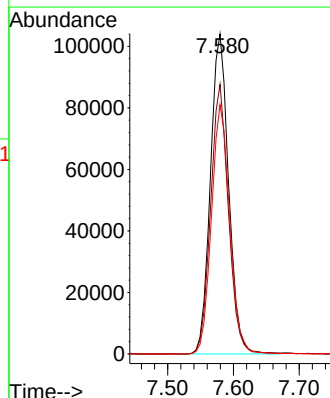
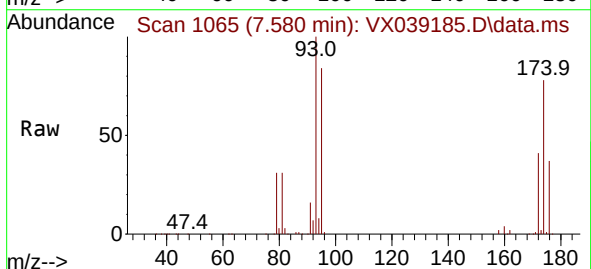
Manual Integrations
APPROVED

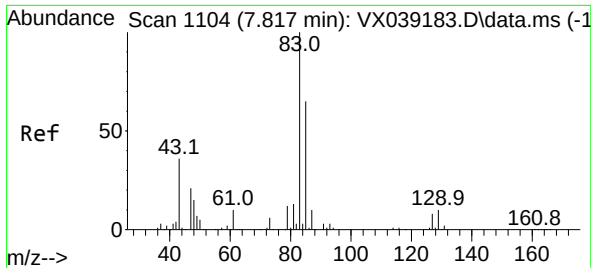
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#46
Dibromomethane
Concen: 155.116 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

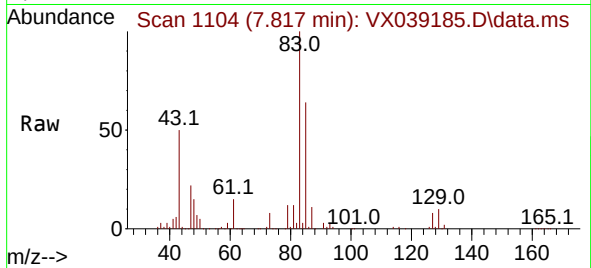
Tgt Ion: 93 Resp: 200488
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 78.6 69.4 104.0





#47
Bromodichloromethane
Concen: 161.774 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

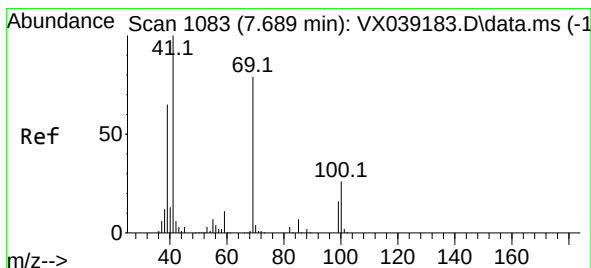
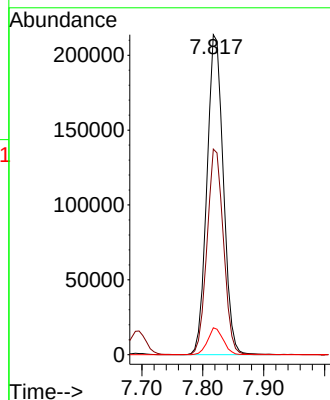
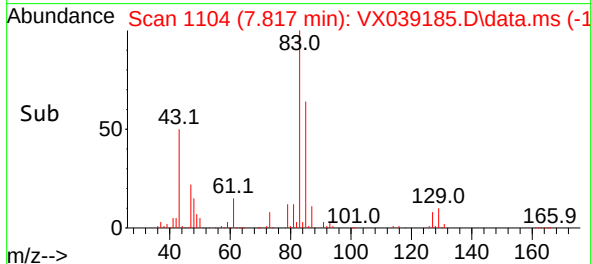
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 399792
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.4 7.1 10.7

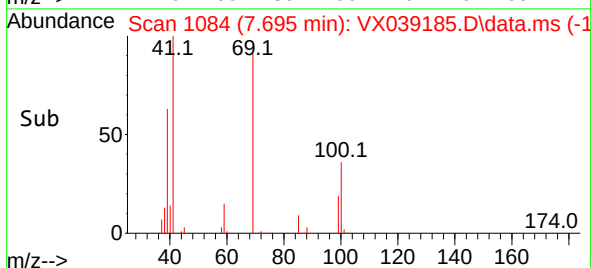
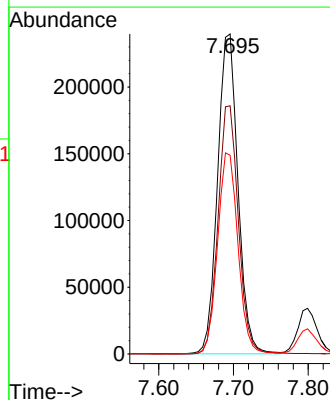
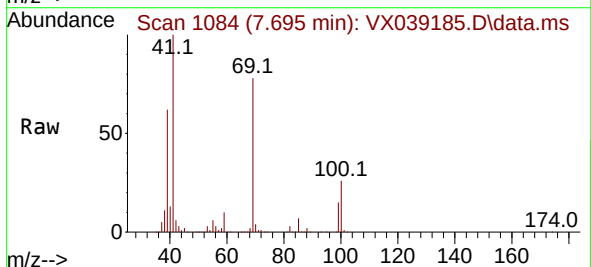
Manual Integrations
APPROVED

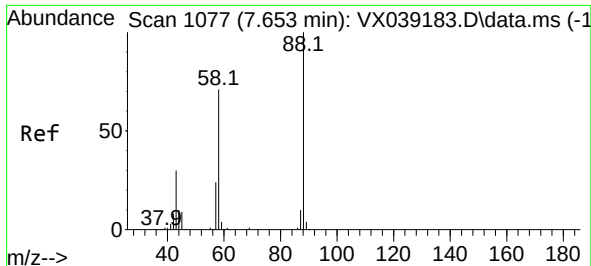
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#48
Methyl methacrylate
Concen: 159.899 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion: 41 Resp: 454843
Ion Ratio Lower Upper
41 100
69 77.3 59.2 88.8
39 62.9 47.7 71.5





#49

1,4-Dioxane

Concen: 3328.561 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 127628

Ion Ratio Lower Upper

88 100

43 39.0 0.0 0.0

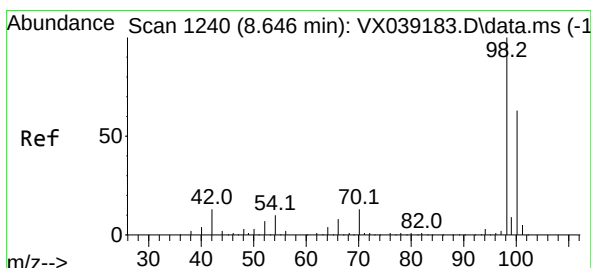
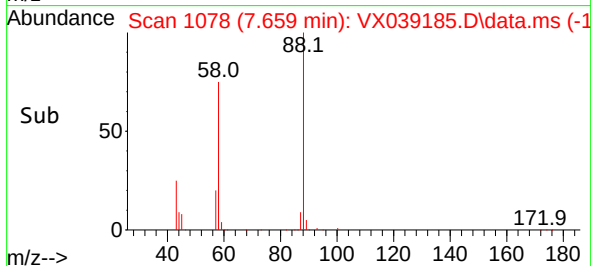
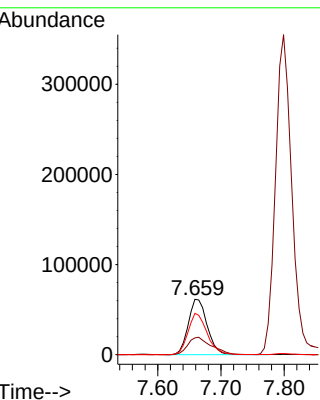
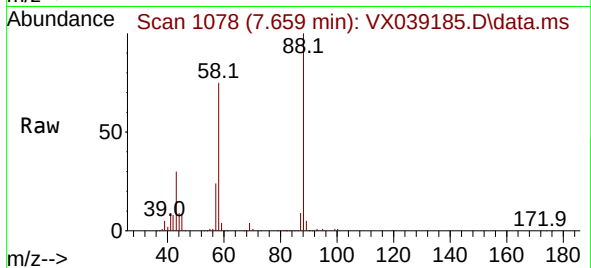
58 75.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 153.564 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039185.D

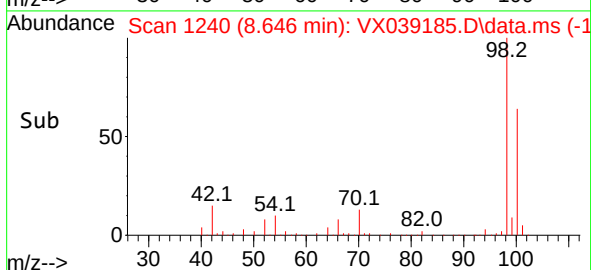
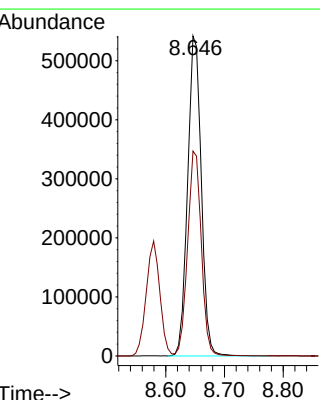
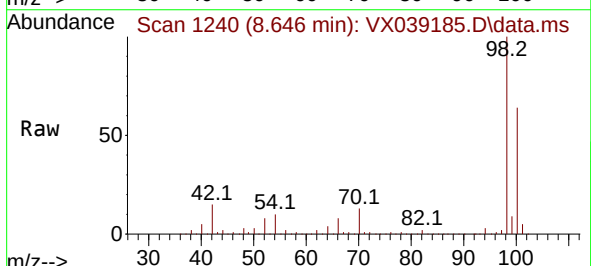
Acq: 13 Dec 2023 12:06

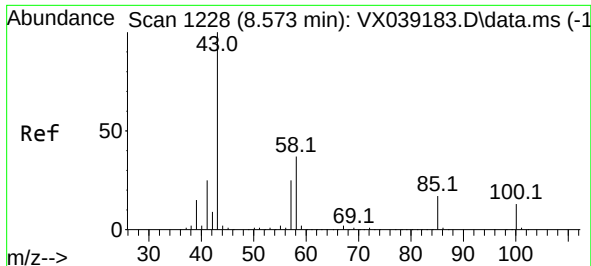
Tgt Ion: 98 Resp: 874989

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7





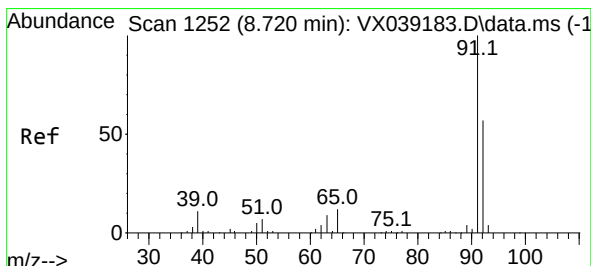
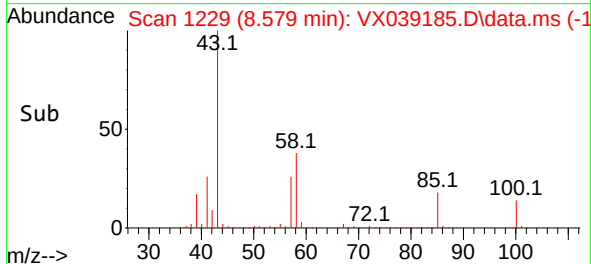
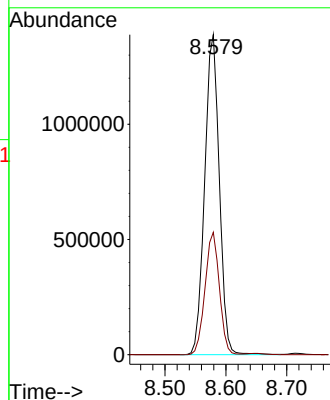
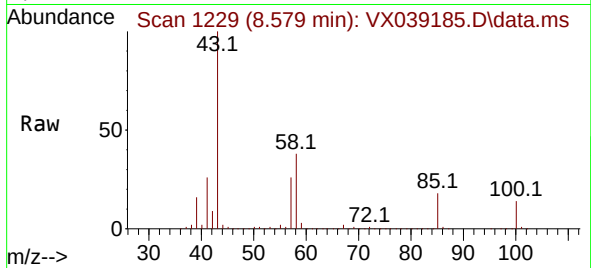
#51
4-Methyl-2-Pentanone
Concen: 747.238 ug/l
RT: 8.579 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2316549
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6

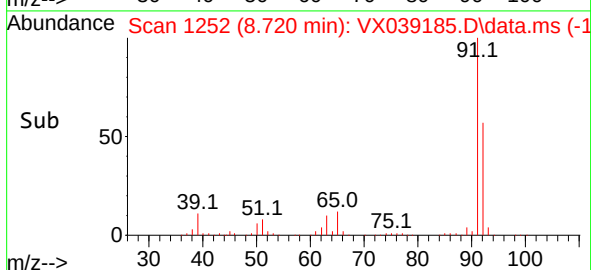
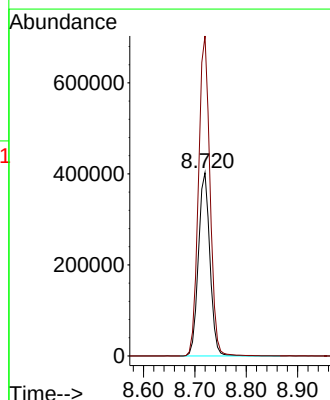
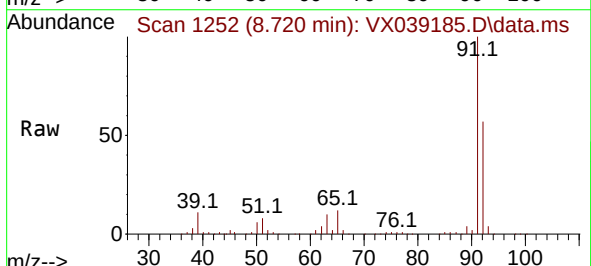
Manual Integrations
APPROVED

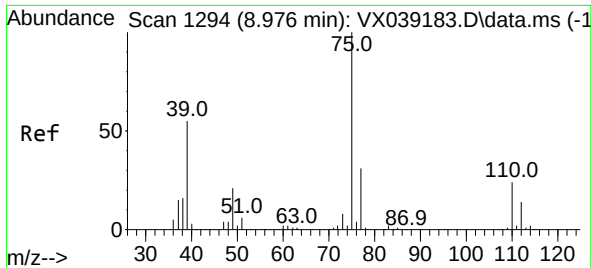
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 151.258 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion: 92 Resp: 625456
Ion Ratio Lower Upper
92 100
91 175.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 168.855 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 459414

Ion Ratio Lower Upper

75 100

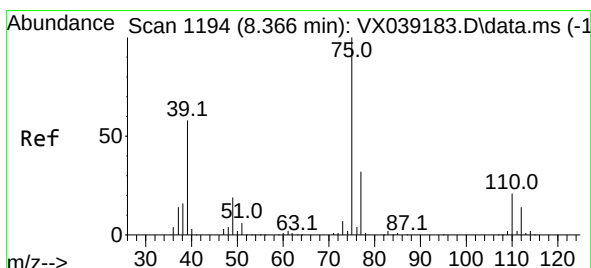
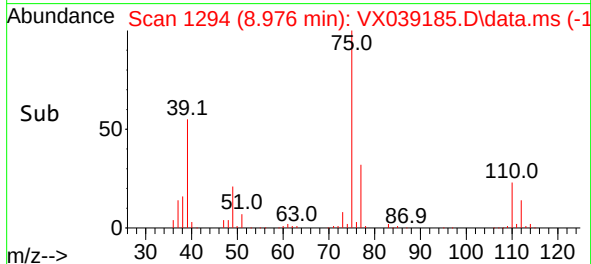
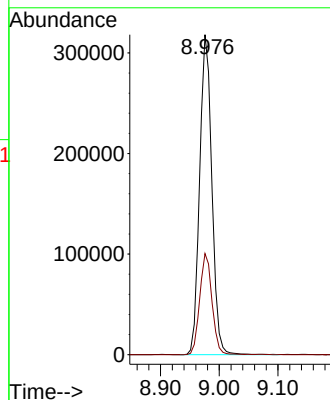
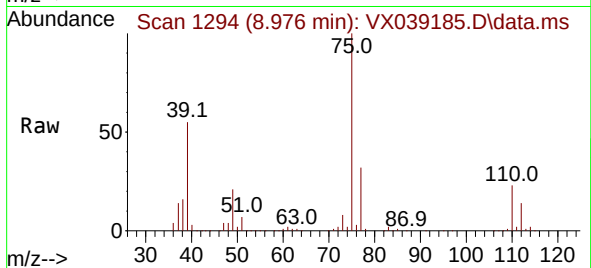
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#54

cis-1,3-Dichloropropene

Concen: 160.065 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

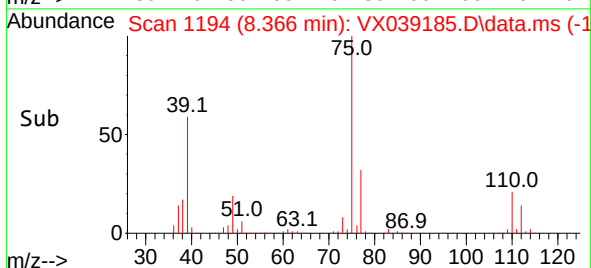
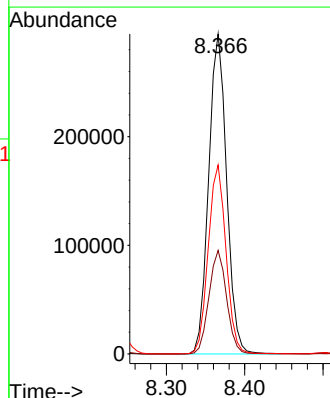
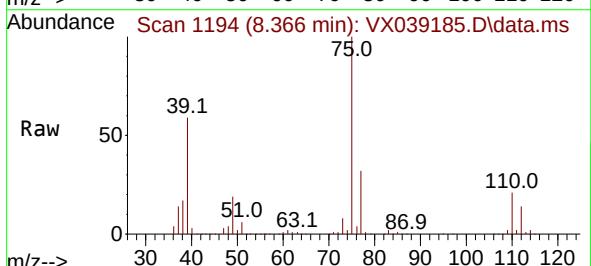
Tgt Ion: 75 Resp: 468591

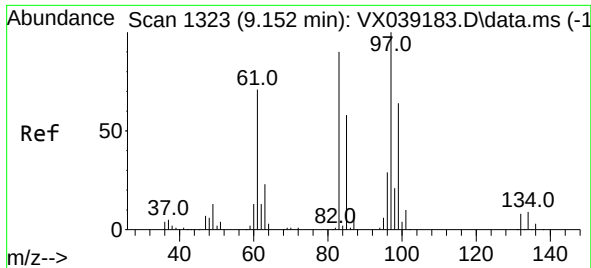
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

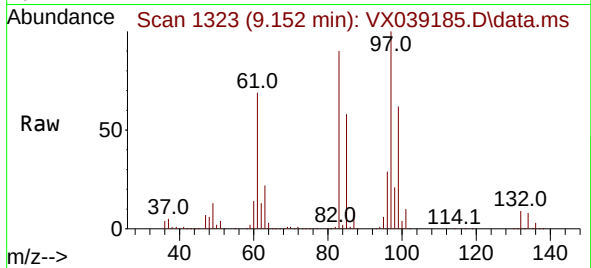
39 59.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 154.509 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

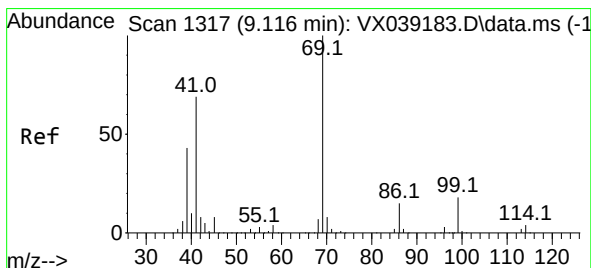
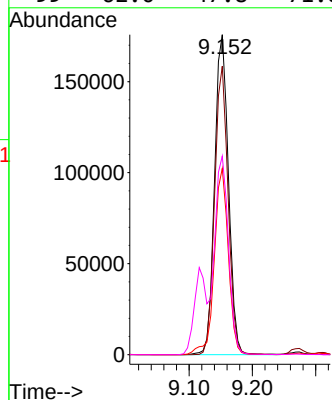
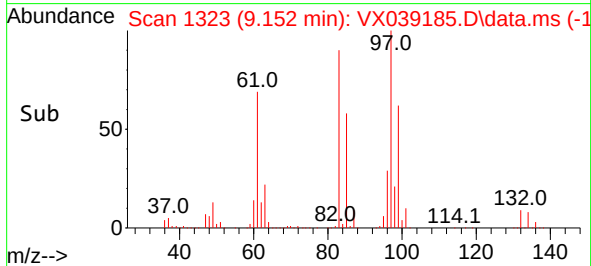
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



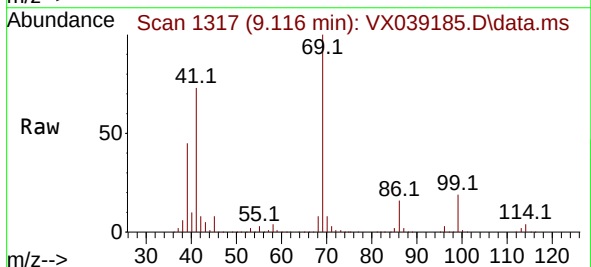
Tgt Ion: 97 Resp: 266720
Ion Ratio Lower Upper
97 100
83 90.2 65.8 98.8
85 58.2 41.6 62.4
99 62.0 47.8 71.8

Manual Integrations
APPROVED

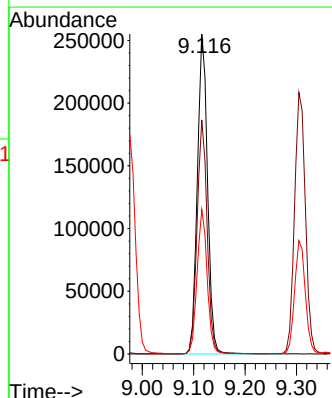
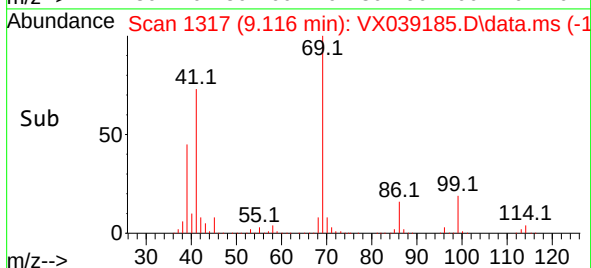
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

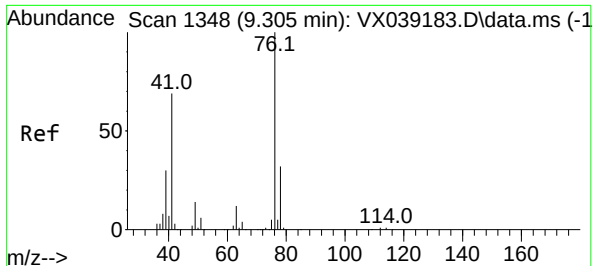


#56
Ethyl methacrylate
Concen: 167.010 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06



Tgt Ion: 69 Resp: 351956
Ion Ratio Lower Upper
69 100
41 72.4 56.8 85.2
39 44.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 154.079 ug/l

RT: 9.305 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 459832

Ion Ratio Lower Upper

76 100

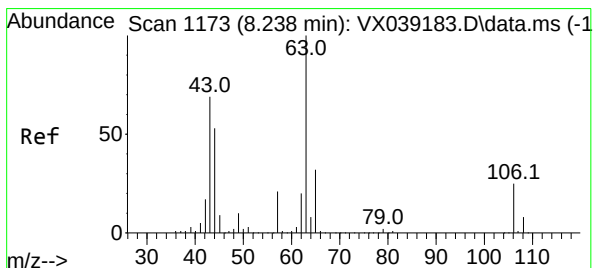
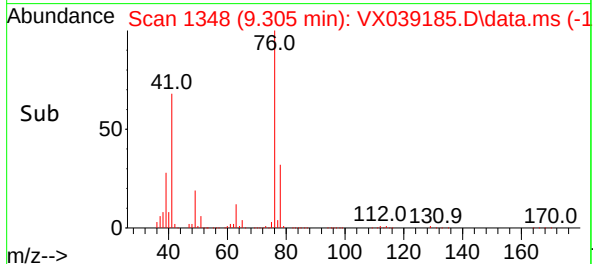
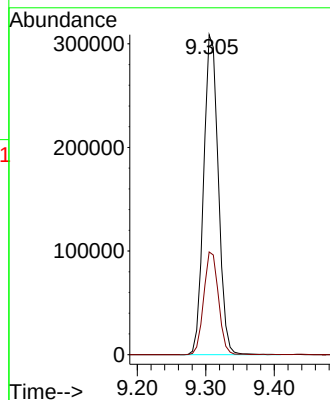
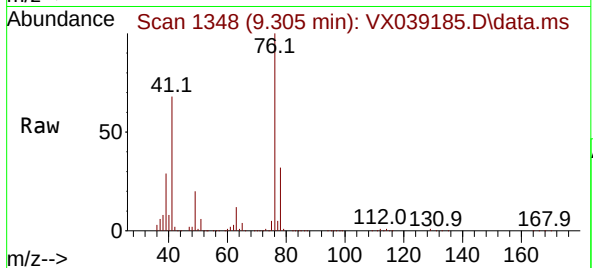
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 847.157 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039185.D

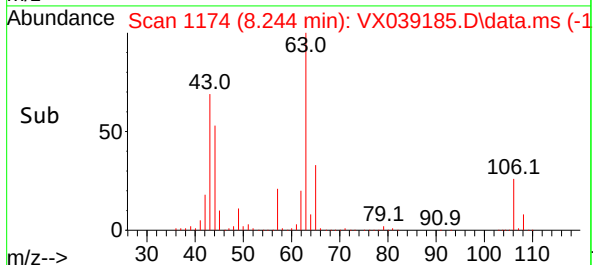
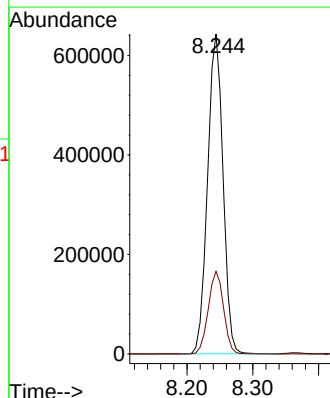
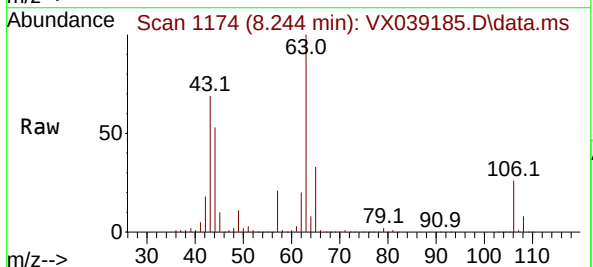
Acq: 13 Dec 2023 12:06

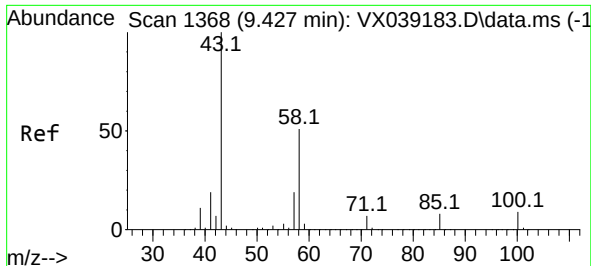
Tgt Ion: 63 Resp: 1048303

Ion Ratio Lower Upper

63 100

106 25.6 22.5 33.7





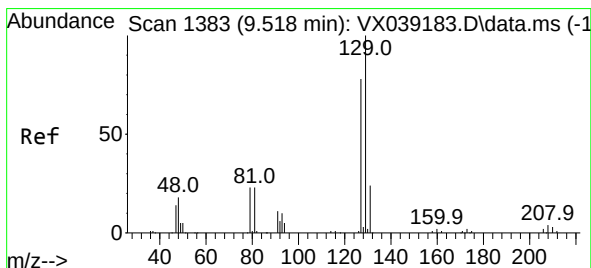
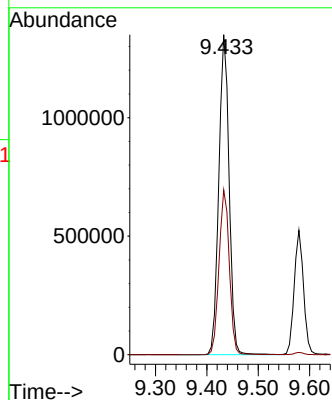
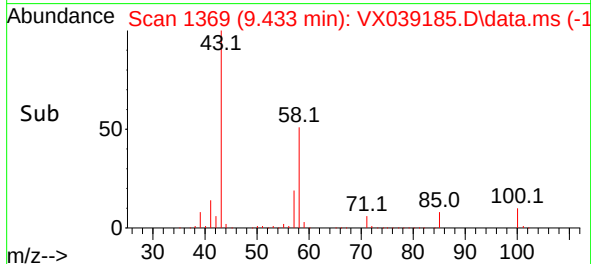
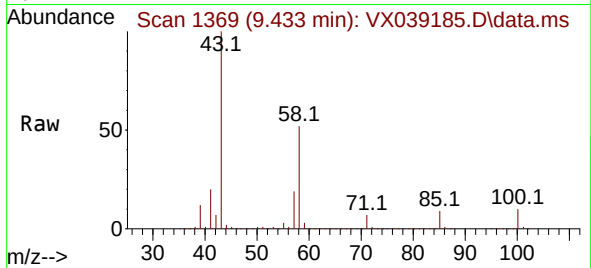
#59
2-Hexanone
Concen: 702.620 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 187989
Ion Ratio Lower Upper
43 100
58 51.8 26.2 78.5

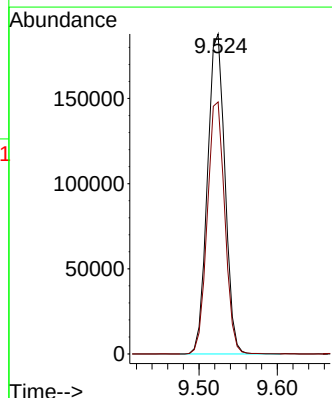
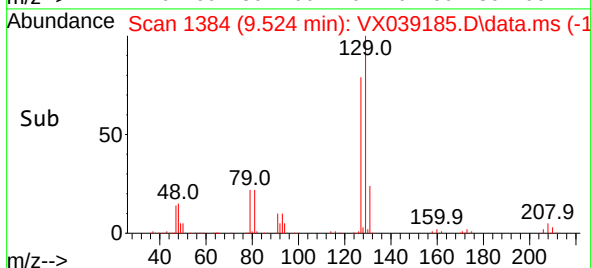
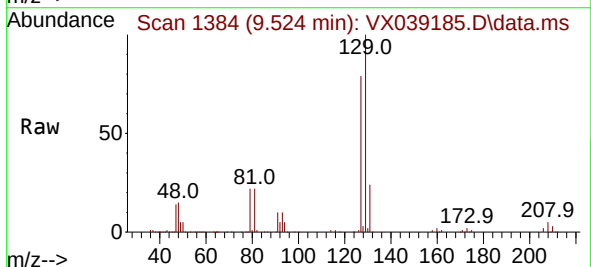
Manual Integrations
APPROVED

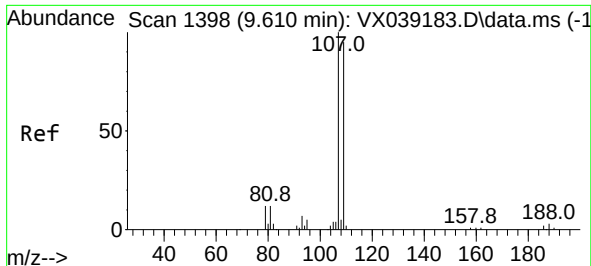
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#60
Dibromochloromethane
Concen: 166.508 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion:129 Resp: 290700
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 155.766 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

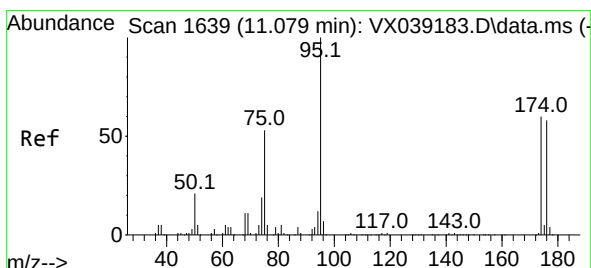
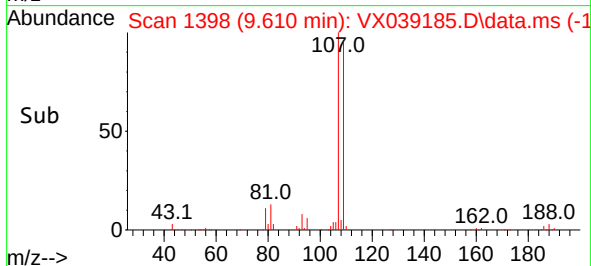
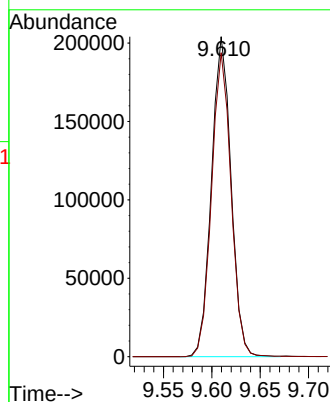
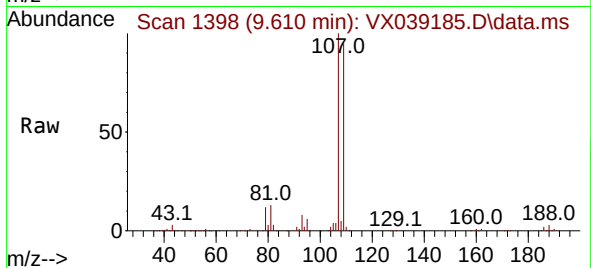
Tgt Ion:107 Resp: 287054
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

Manual Integrations

APPROVED

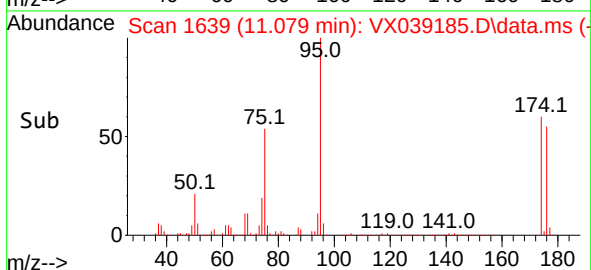
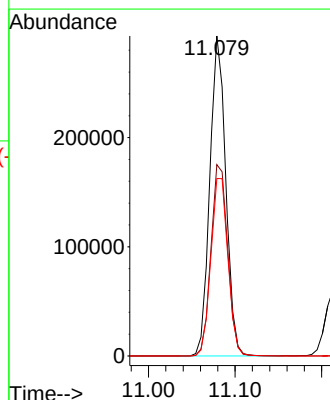
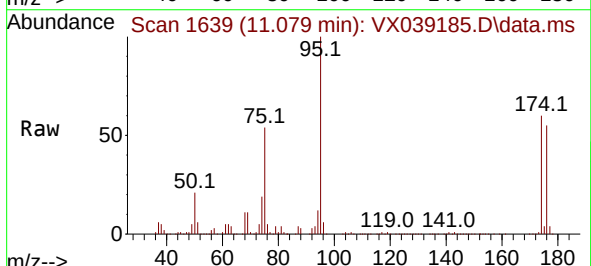
Reviewed By :John Carlone 12/14/2023

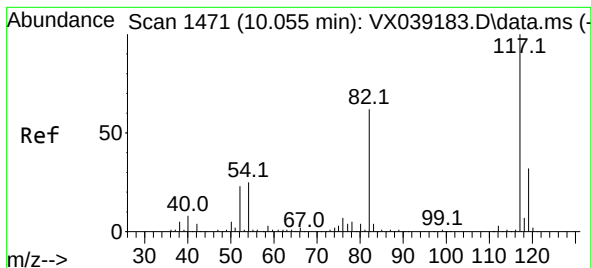
Supervised By :Mahesh Dadoda 12/14/2023



#62
4-Bromofluorobenzene
Concen: 159.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

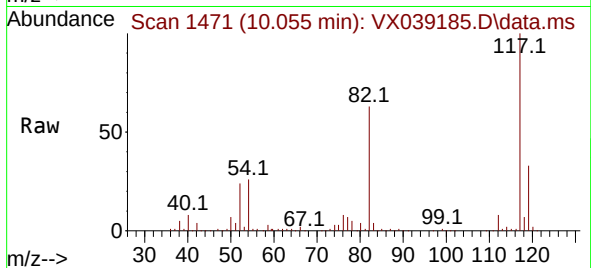
Tgt Ion: 95 Resp: 374839
Ion Ratio Lower Upper
95 100
174 62.7 0.0 135.6
176 59.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

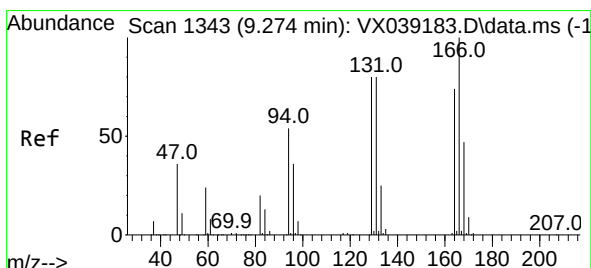
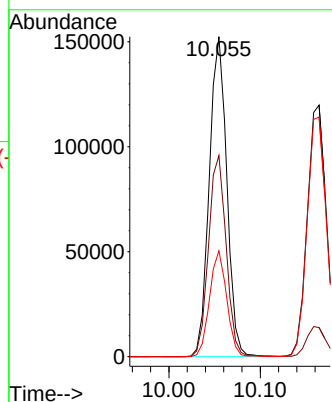
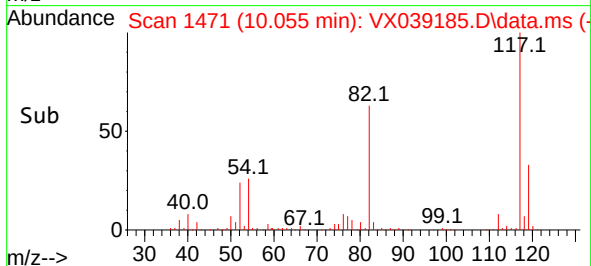
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 203690
Ion Ratio Lower Upper
117 100
82 62.8 46.2 69.4
119 33.1 25.5 38.3

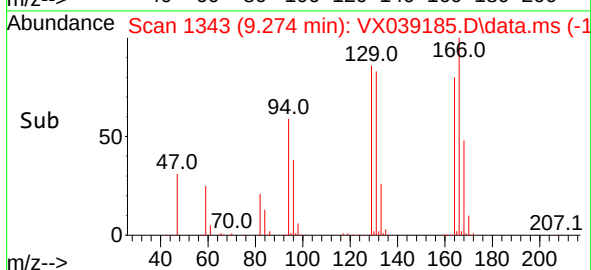
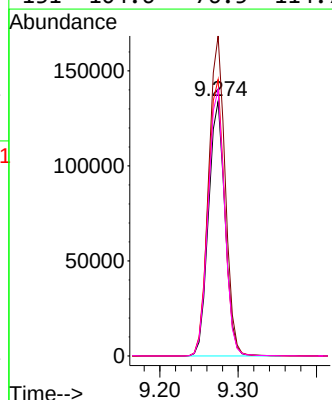
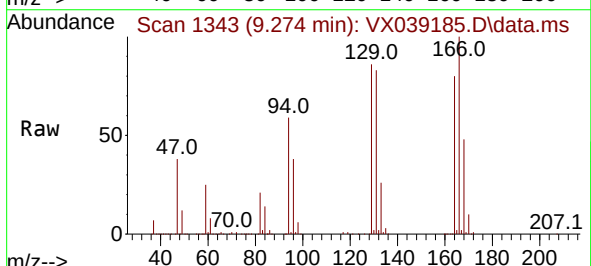
Manual Integrations
APPROVED

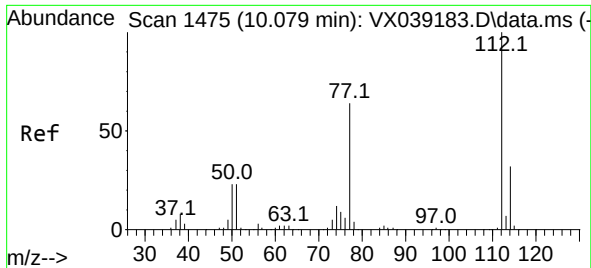
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 146.895 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion:164 Resp: 195523
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 108.6 80.4 120.6
131 104.6 76.5 114.7





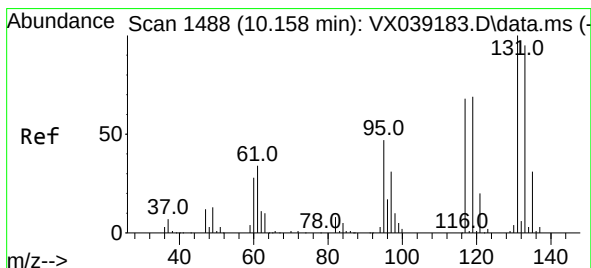
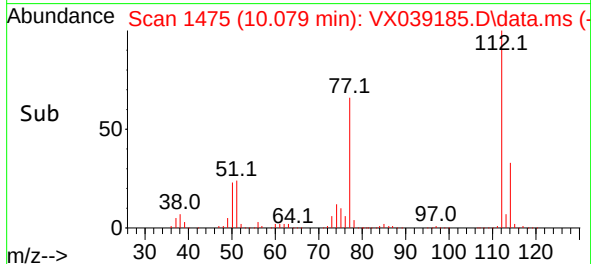
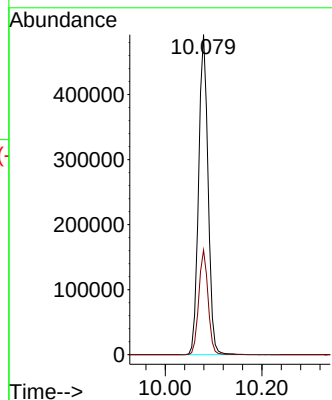
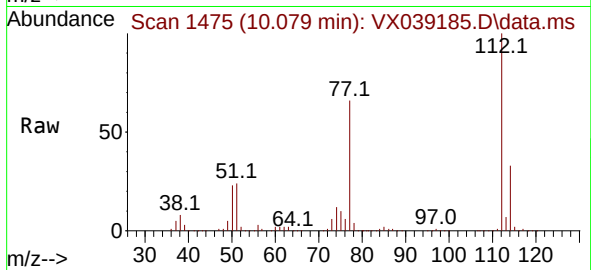
#65
Chlorobenzene
Concen: 149.378 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 664124
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

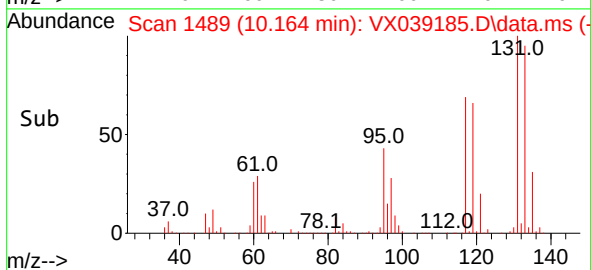
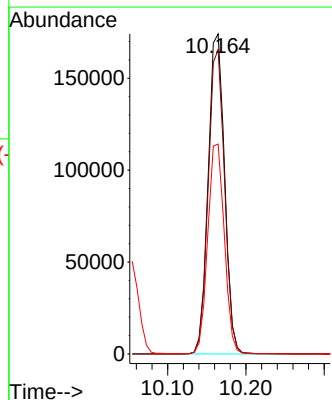
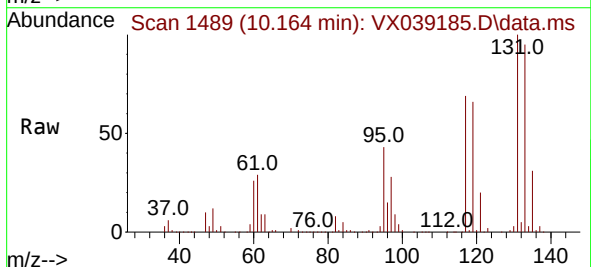
Manual Integrations
APPROVED

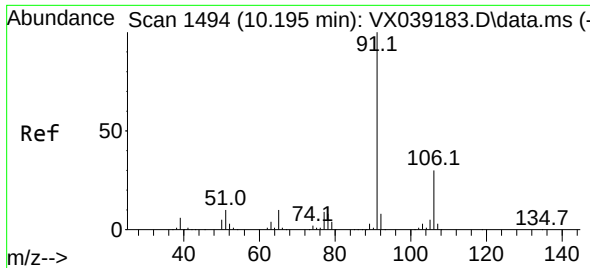
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 160.947 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

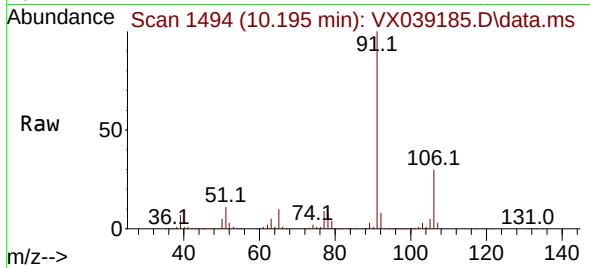
Tgt Ion:131 Resp: 252755
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 66.2 32.2 96.6





#67
Ethyl Benzene
Concen: 151.948 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

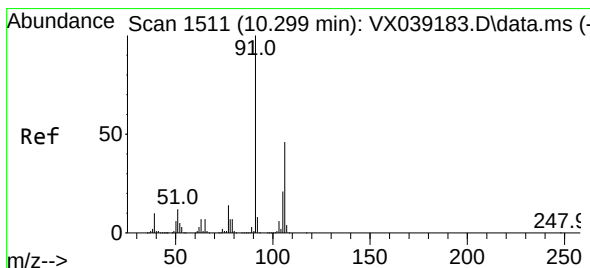
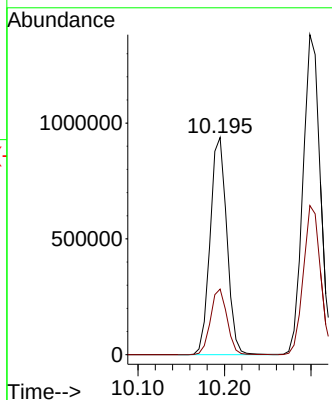
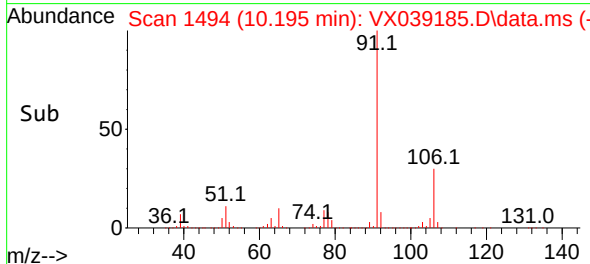
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 125749
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

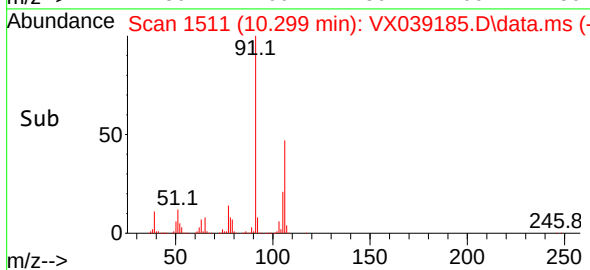
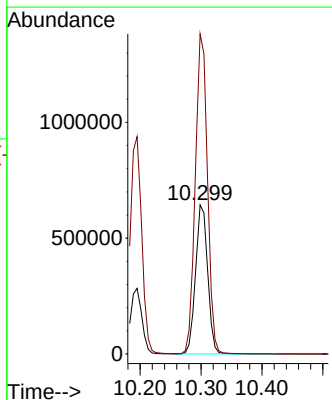
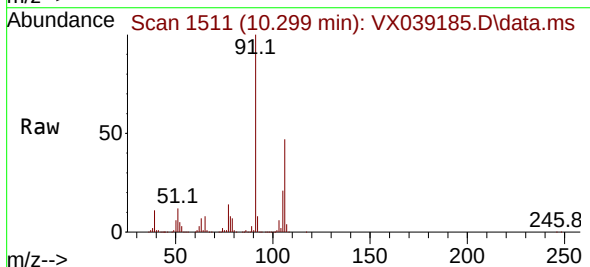
Manual Integrations
APPROVED

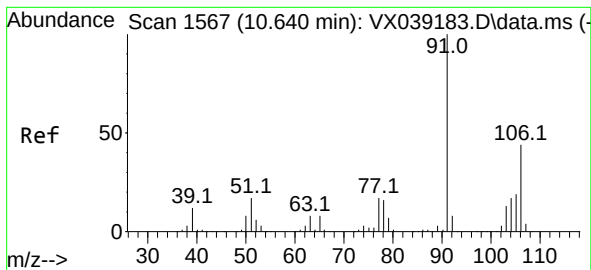
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#68
m/p-Xylenes
Concen: 298.569 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion:106 Resp: 885935
Ion Ratio Lower Upper
106 100
91 216.0 165.5 248.3





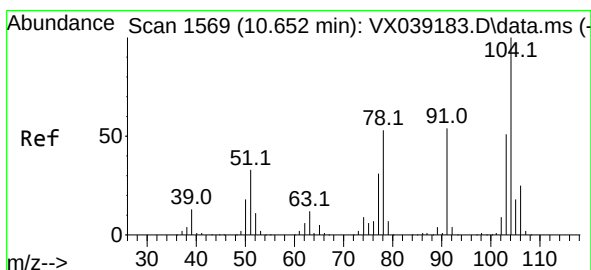
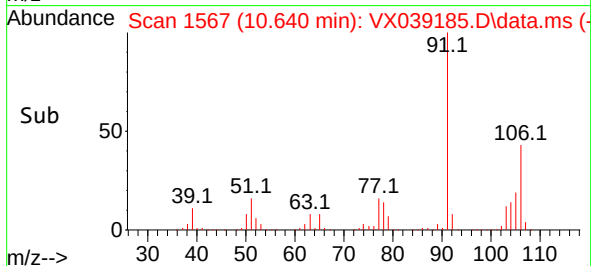
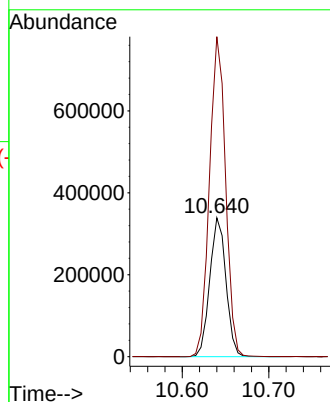
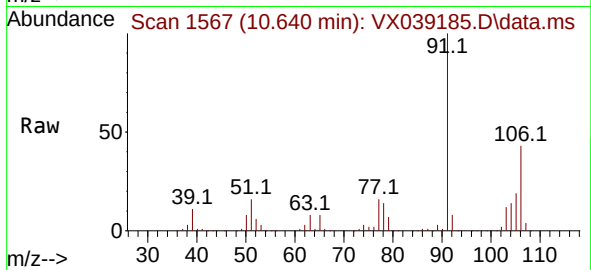
#69
o-Xylene
Concen: 153.389 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 440061
Ion Ratio Lower Upper
106 100
91 229.2 108.9 326.8

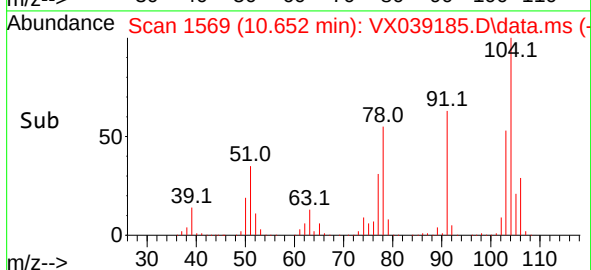
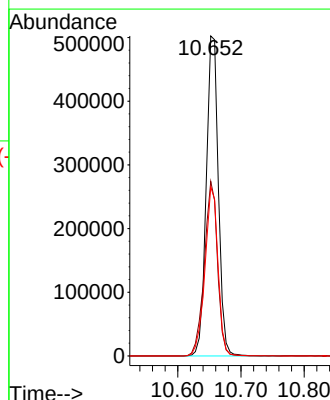
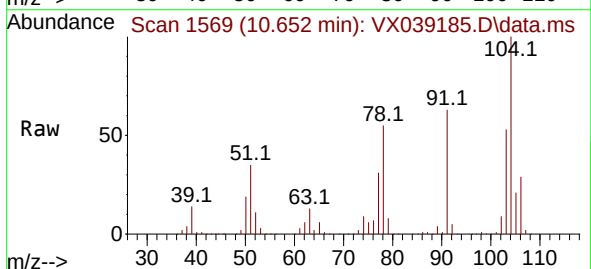
Manual Integrations
APPROVED

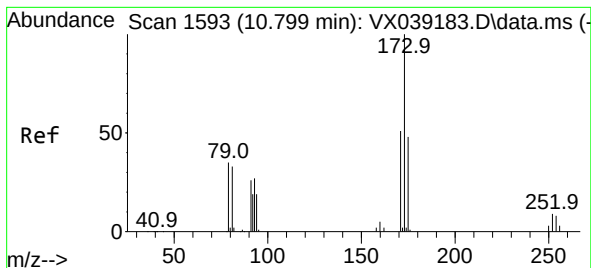
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 160.098 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion:104 Resp: 671483
Ion Ratio Lower Upper
104 100
78 59.2 43.6 65.4
103 56.7 43.6 65.4





#71

Bromoform

Concen: 178.584 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 208462

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

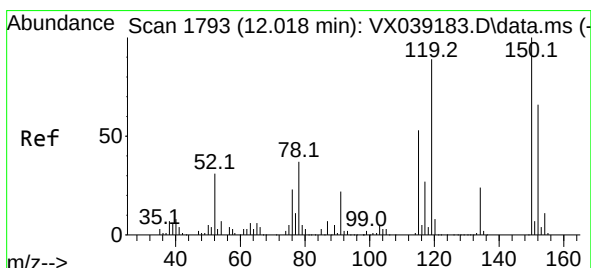
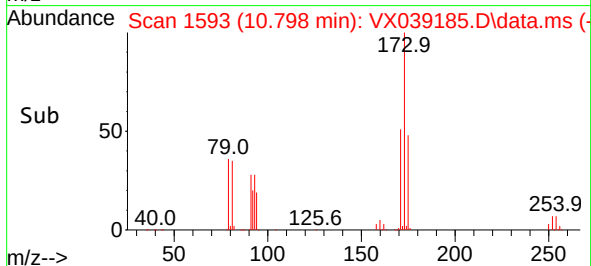
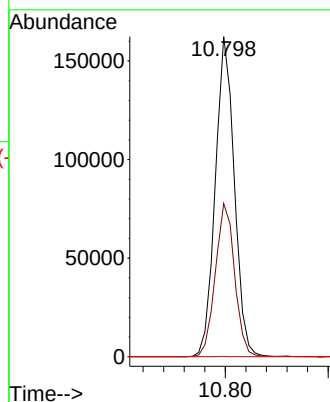
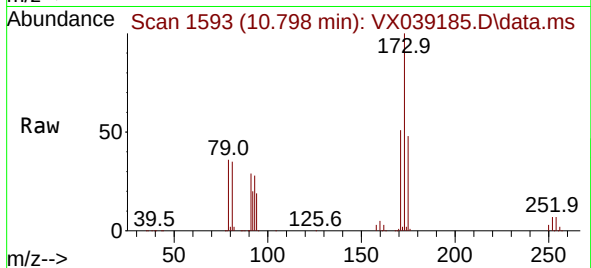
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

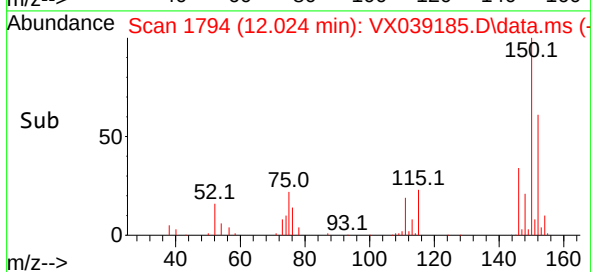
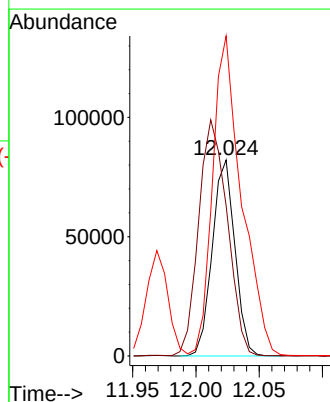
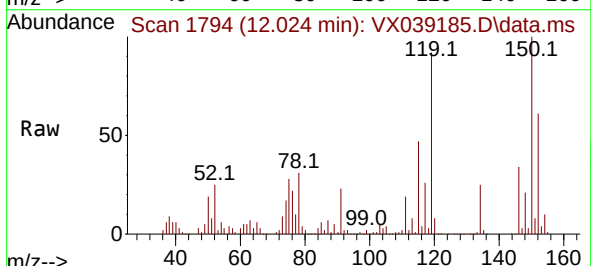
Tgt Ion:152 Resp: 102346

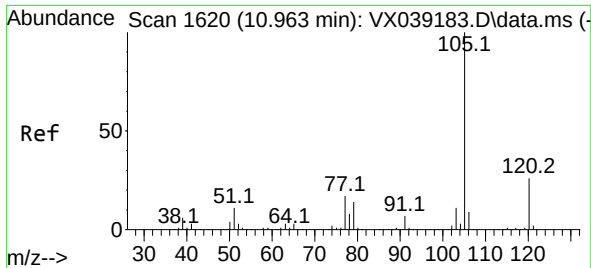
Ion Ratio Lower Upper

152 100

115 152.7 43.3 129.9

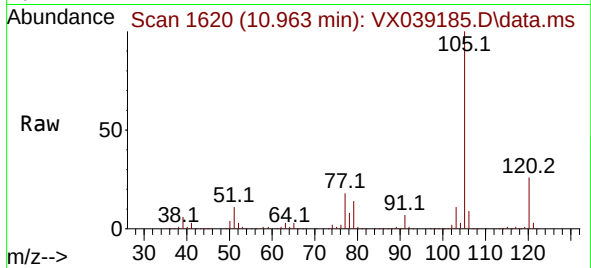
150 209.0 0.0 345.0





#73
Isopropylbenzene
Concen: 151.556 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

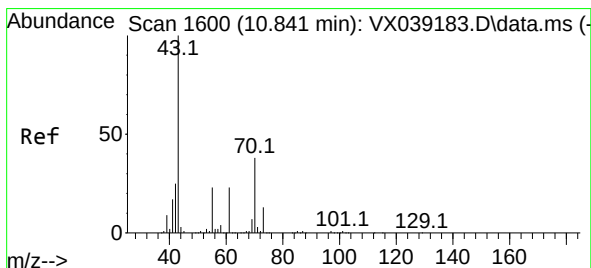
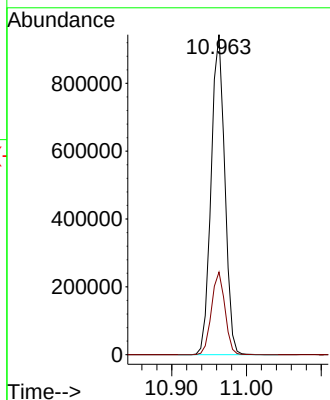
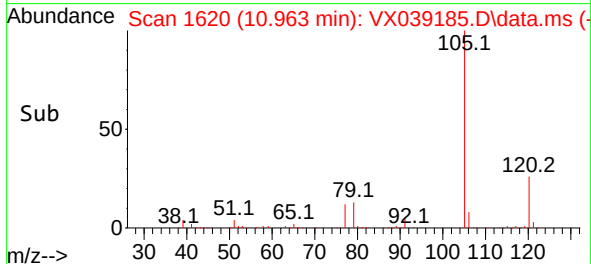
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



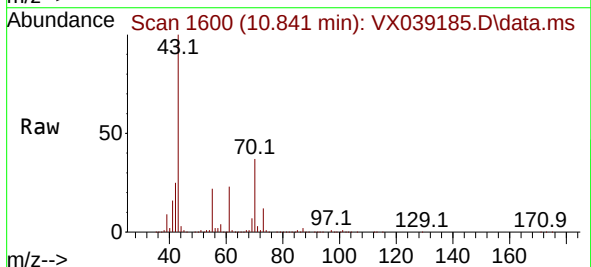
Tgt Ion:105 Resp: 1196748
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

Manual Integrations
APPROVED

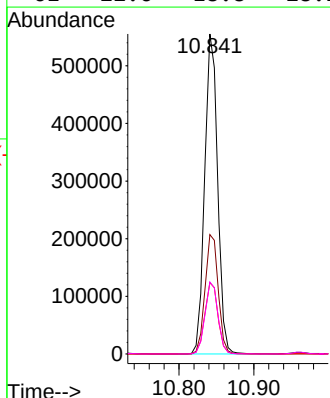
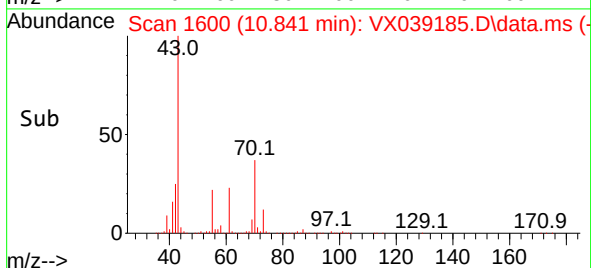
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

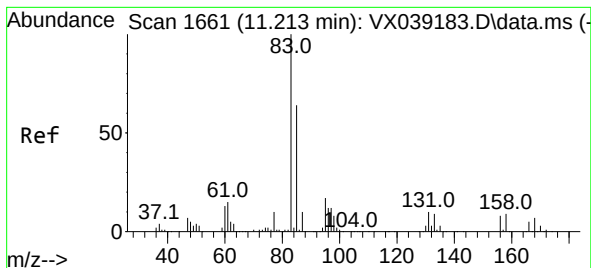


#74
N-ethyl acetate
Concen: 166.428 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06



Tgt Ion: 43 Resp: 664920
Ion Ratio Lower Upper
43 100
70 38.1 32.9 49.3
55 22.7 19.3 28.9
61 22.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 151.409 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 444760

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

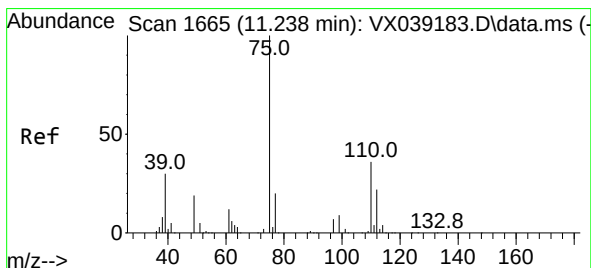
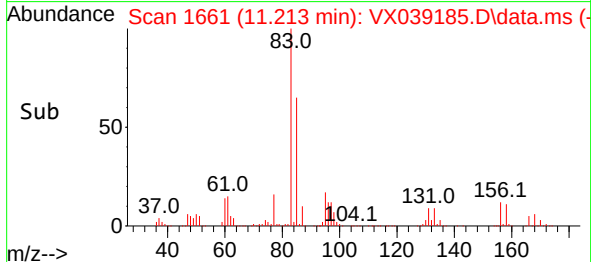
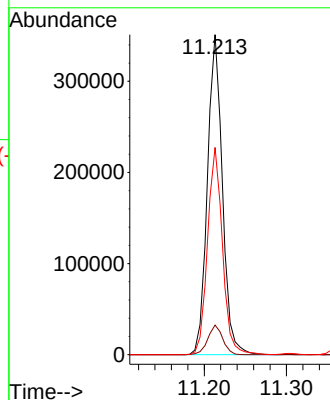
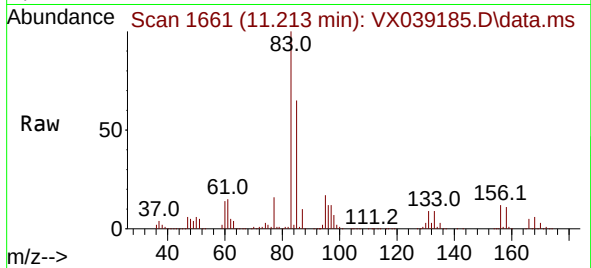
85 64.5 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#76

1,2,3-Trichloropropane

Concen: 145.116 ug/l m

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039185.D

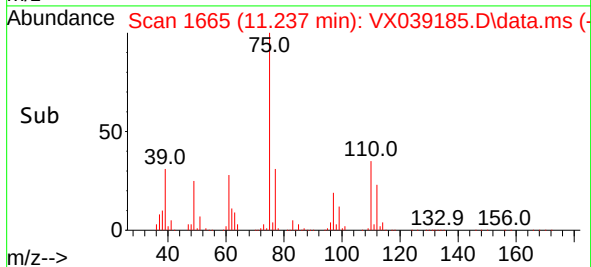
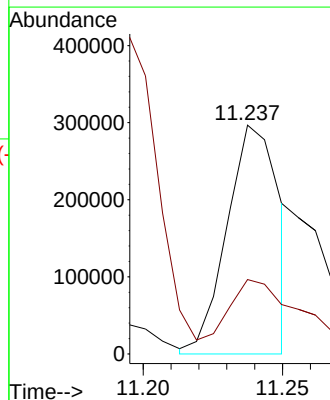
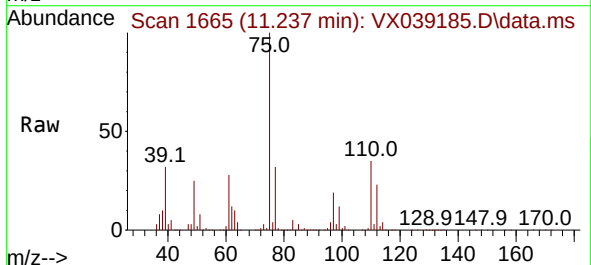
Acq: 13 Dec 2023 12:06

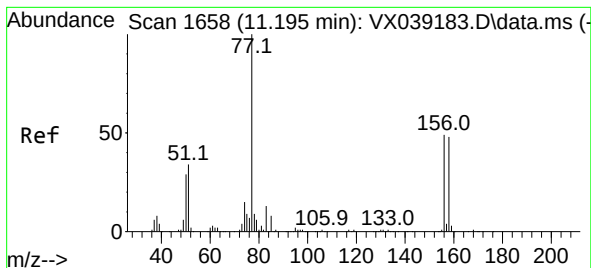
Tgt Ion: 75 Resp: 384247

Ion Ratio Lower Upper

75 100

77 46.5 19.1 57.5





#77

Bromobenzene

Concen: 154.125 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

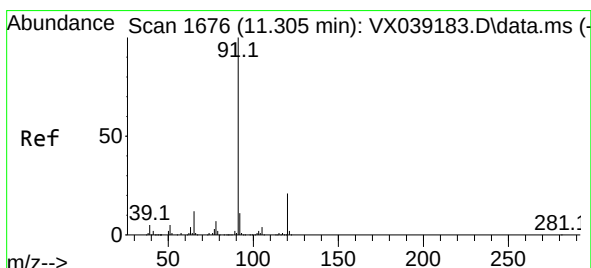
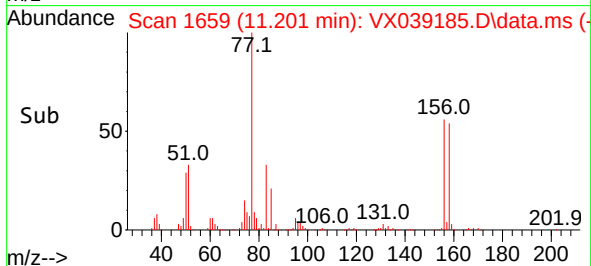
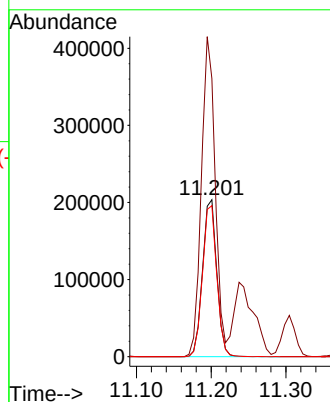
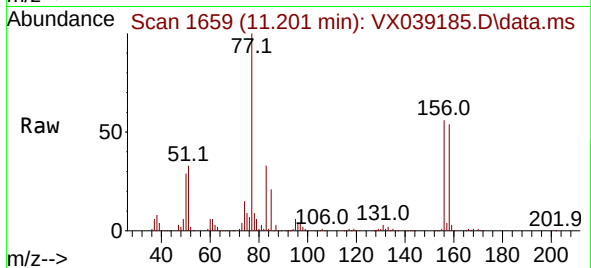
Tgt Ion:	156	Resp:	269128
Ion Ratio	Lower	Upper	
156	100		
77	197.6	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 151.717 ug/l

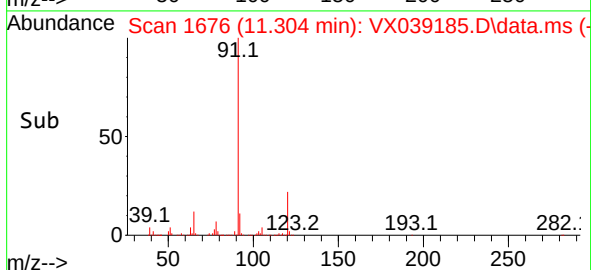
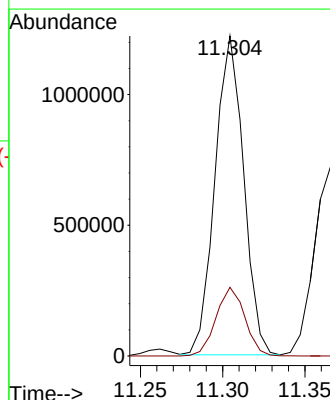
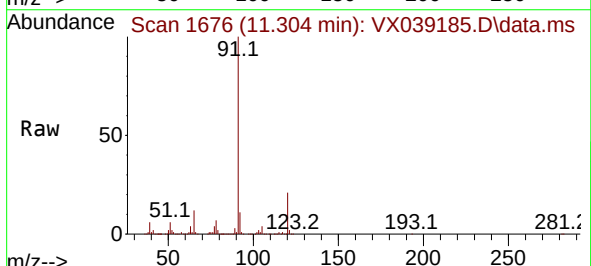
RT: 11.304 min Scan# 1676

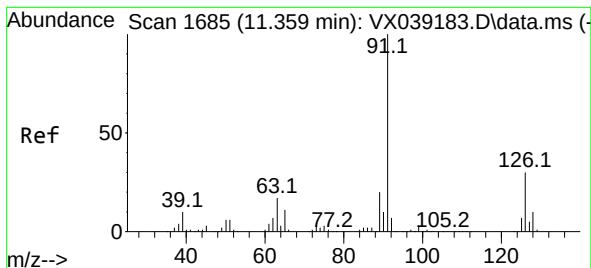
Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Tgt Ion:	91	Resp:	1476068
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 150.327 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 88465

Ion Ratio Lower Upper

91 100

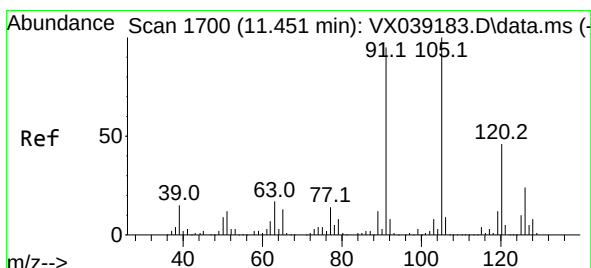
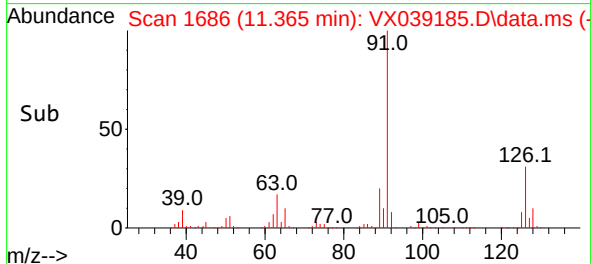
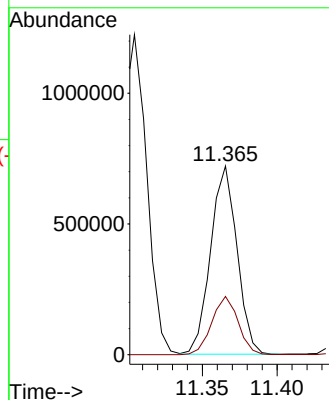
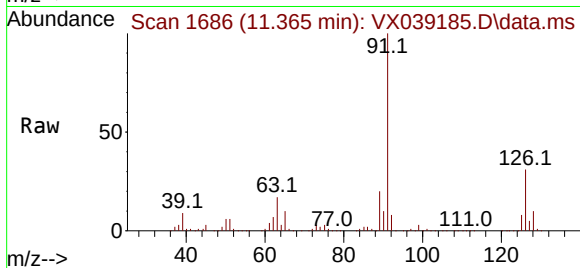
126 30.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#80

1,3,5-Trimethylbenzene

Concen: 153.460 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039185.D

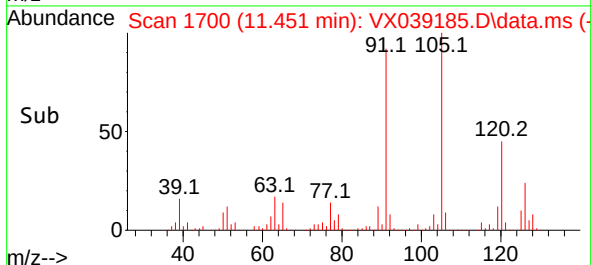
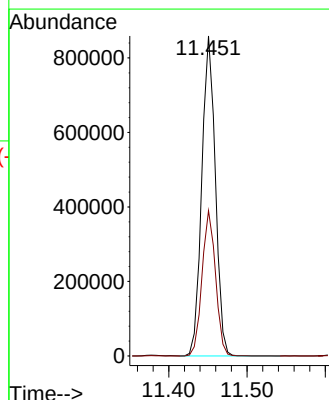
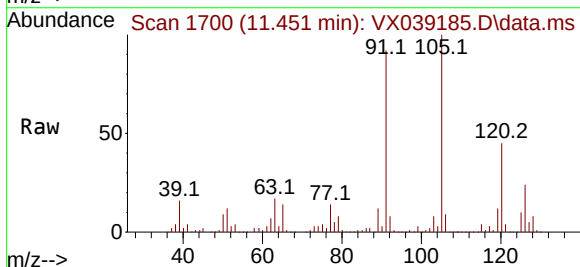
Acq: 13 Dec 2023 12:06

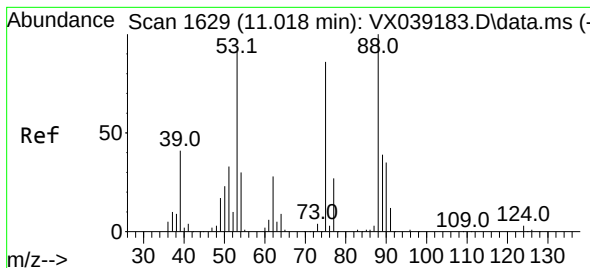
Tgt Ion:105 Resp: 1032308

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3





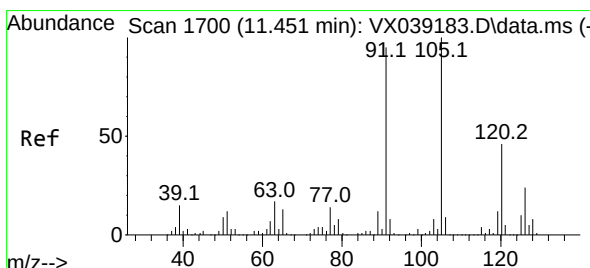
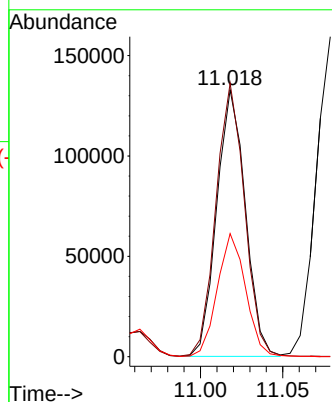
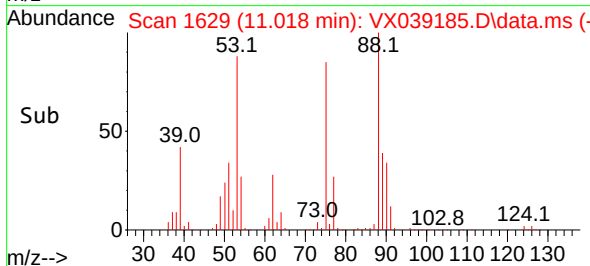
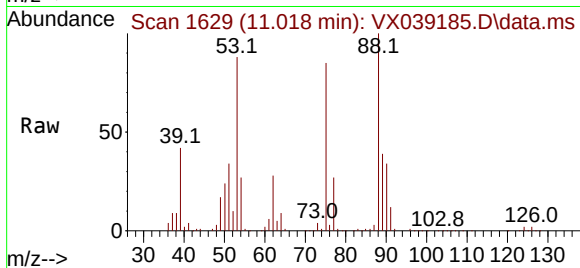
#81
trans-1,4-Dichloro-2-butene
Concen: 171.138 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 160639
Ion Ratio Lower Upper
75 100
53 102.2 90.5 135.7
89 45.7 36.9 55.3

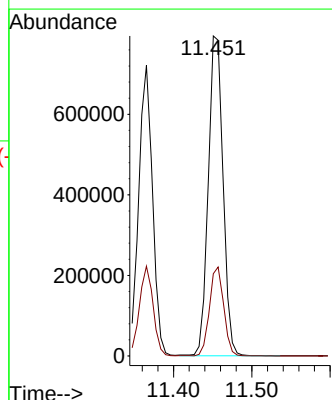
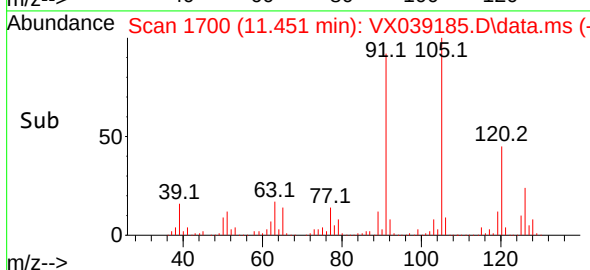
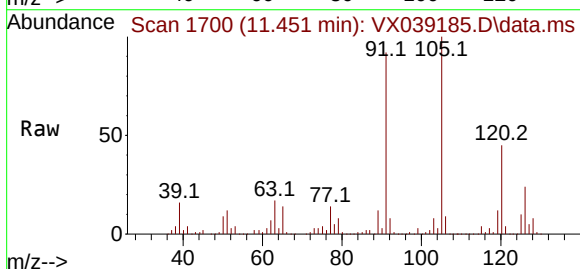
Manual Integrations
APPROVED

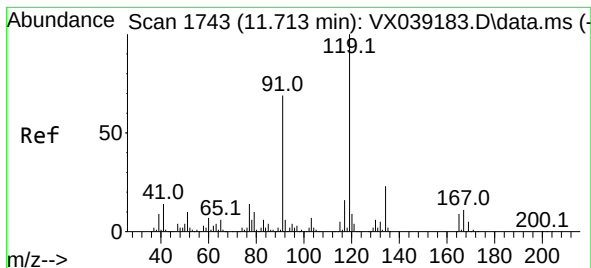
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 150.045 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion: 91 Resp: 1037116
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 157.013 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 100519

Ion Ratio Lower Upper

119 100

91 65.6 31.2 93.6

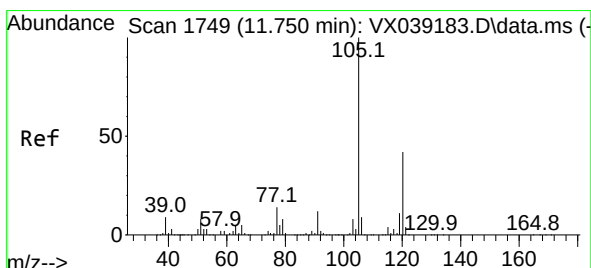
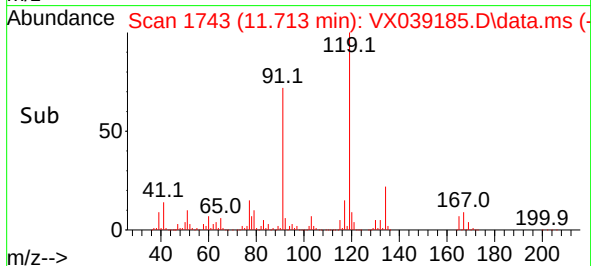
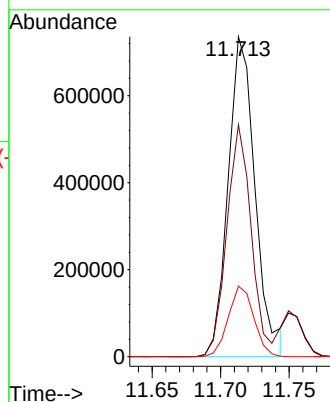
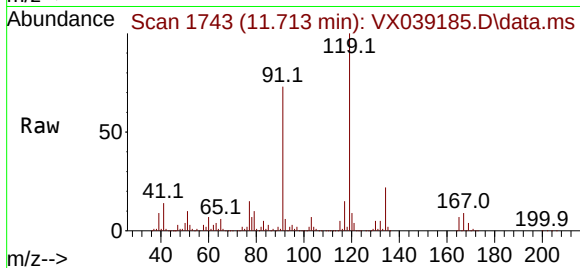
134 21.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#84

1,2,4-Trimethylbenzene

Concen: 154.909 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039185.D

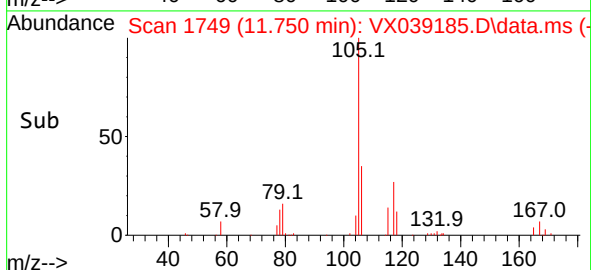
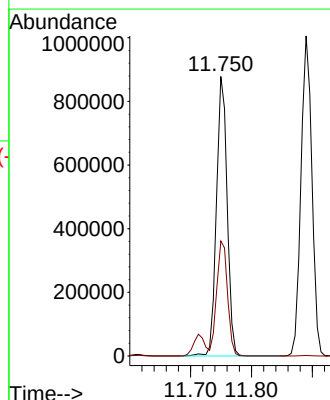
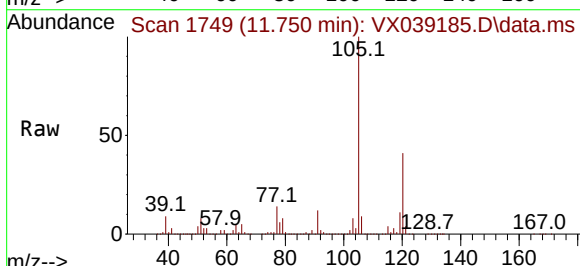
Acq: 13 Dec 2023 12:06

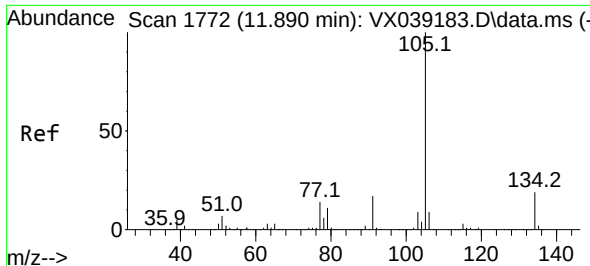
Tgt Ion:105 Resp: 1068631

Ion Ratio Lower Upper

105 100

120 41.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 153.755 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039185.D
 Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

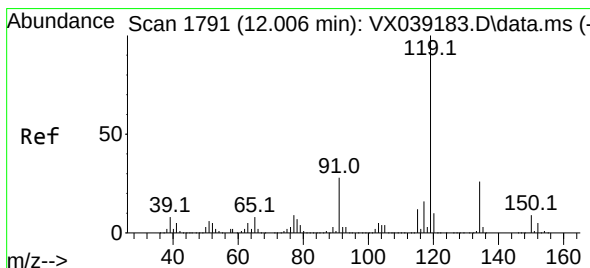
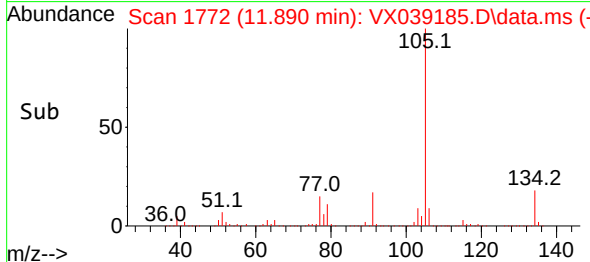
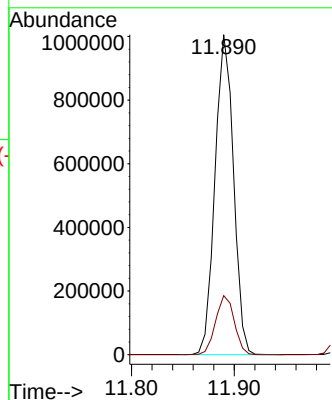
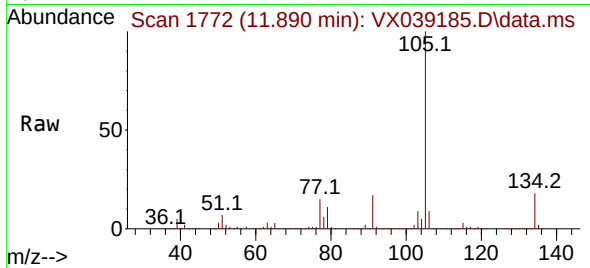
Tgt Ion:105 Resp: 125256
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations

APPROVED

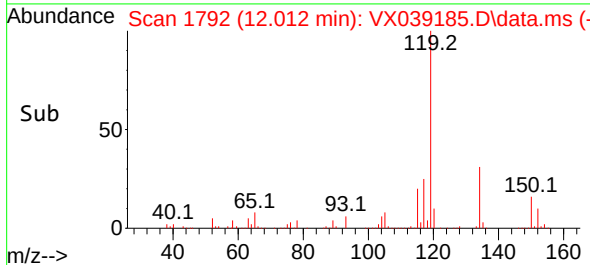
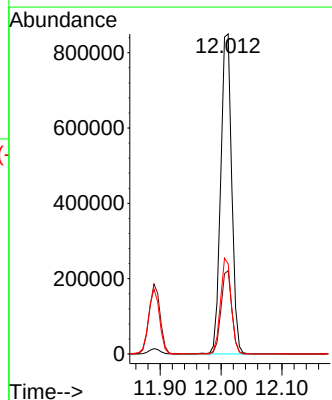
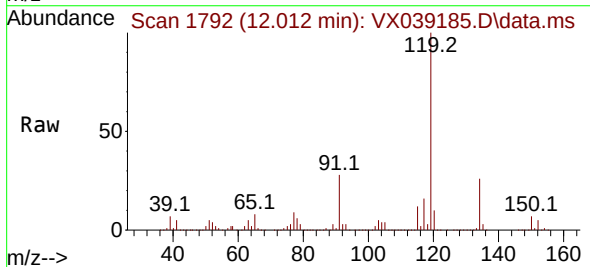
Reviewed By :John Carlone 12/14/2023

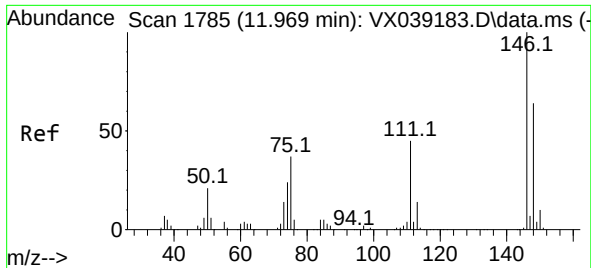
Supervised By :Mahesh Dadoda 12/14/2023



#86
 p-Isopropyltoluene
 Concen: 155.735 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039185.D
 Acq: 13 Dec 2023 12:06

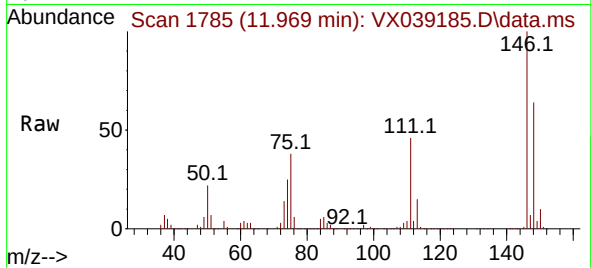
Tgt Ion:119 Resp: 1064726
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 29.0 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 151.332 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

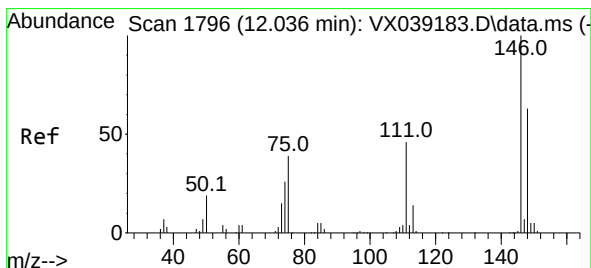
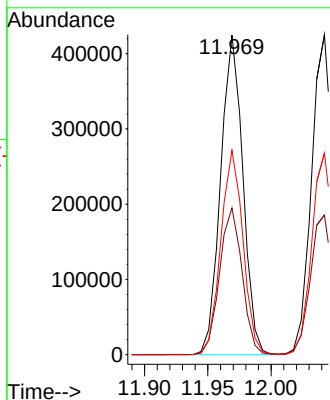
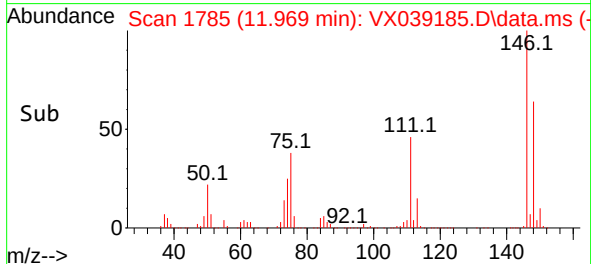
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



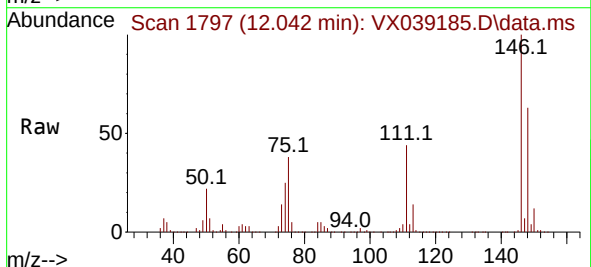
Tgt Ion:146 Resp: 519144
Ion Ratio Lower Upper
146 100
111 46.5 22.1 66.1
148 63.7 31.8 95.3

Manual Integrations
APPROVED

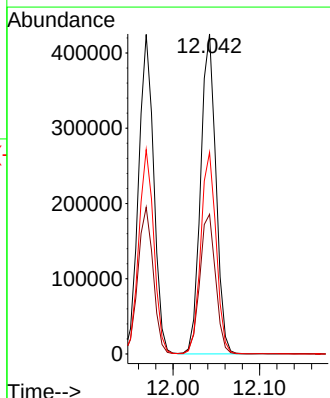
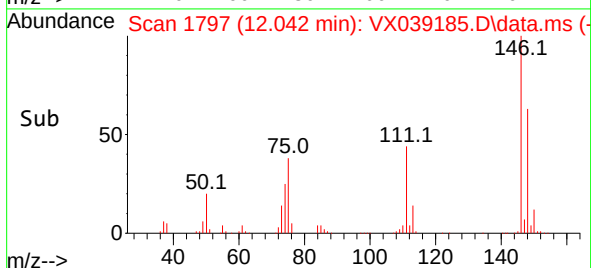
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

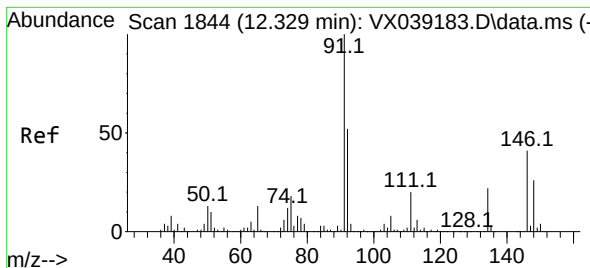


#88
1,4-Dichlorobenzene
Concen: 146.021 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06



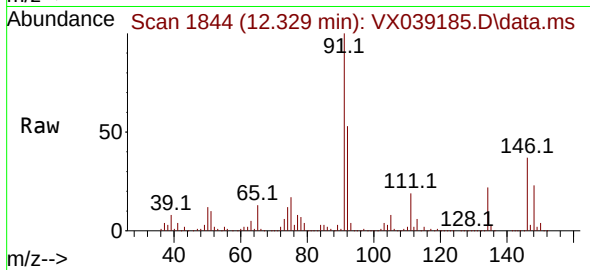
Tgt Ion:146 Resp: 521568
Ion Ratio Lower Upper
146 100
111 45.0 21.3 63.7
148 63.1 31.8 95.4





#89
n-Butylbenzene
Concen: 158.623 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

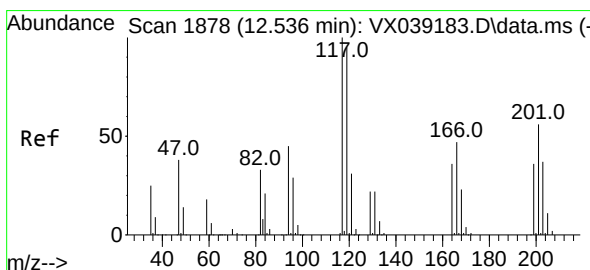
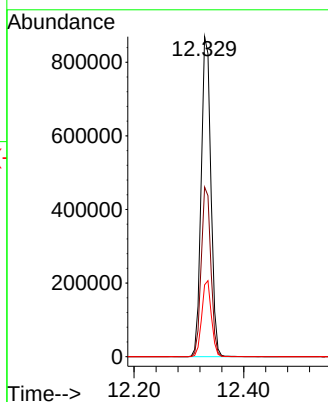
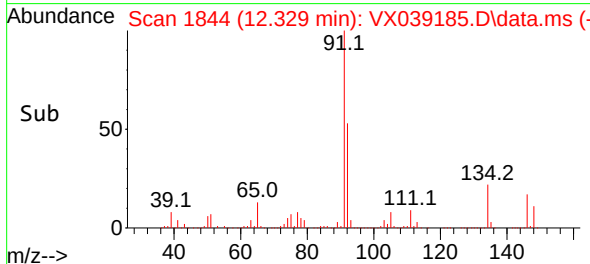
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 1066084
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.0
134 23.6 12.6 37.8

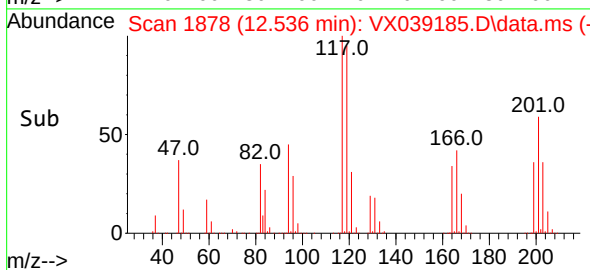
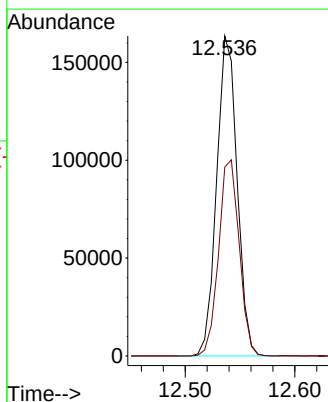
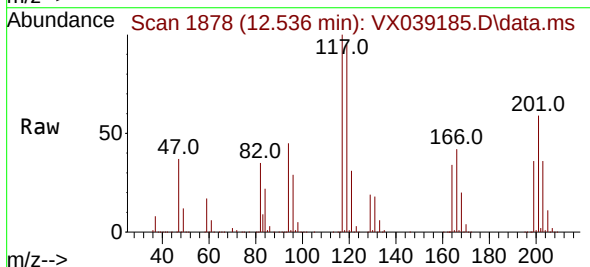
Manual Integrations
APPROVED

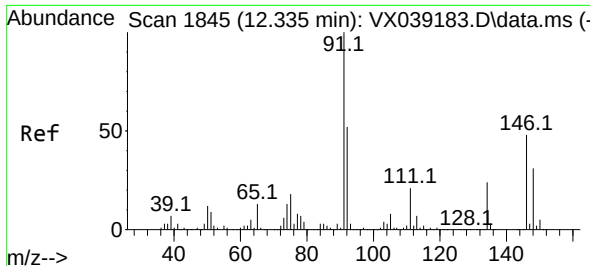
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#90
Hexachloroethane
Concen: 171.699 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

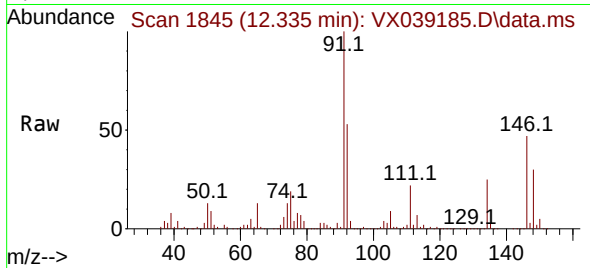
Tgt Ion:117 Resp: 212047
Ion Ratio Lower Upper
117 100
201 62.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 148.111 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

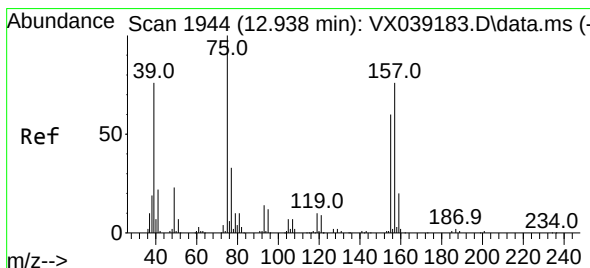
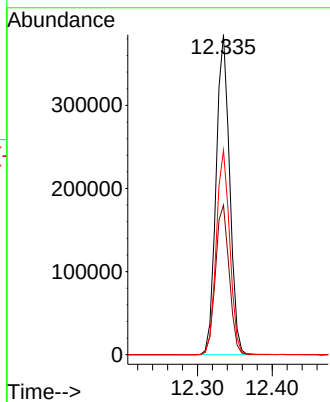
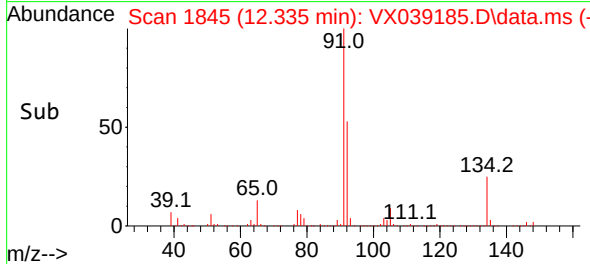
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



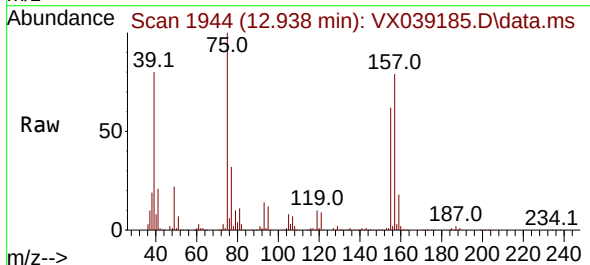
Tgt Ion:146 Resp: 486152
Ion Ratio Lower Upper
146 100
111 47.4 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations
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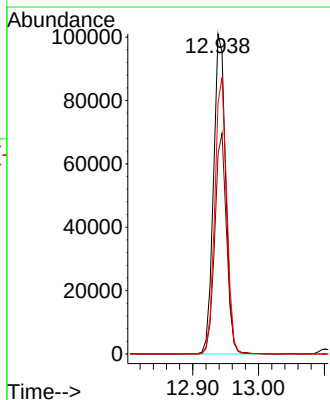
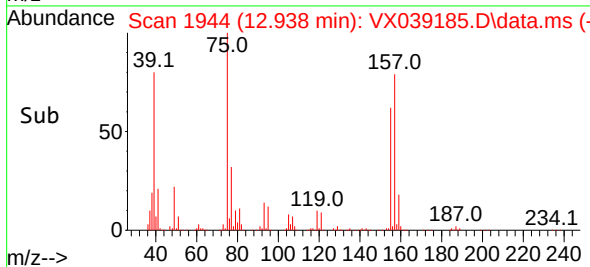
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

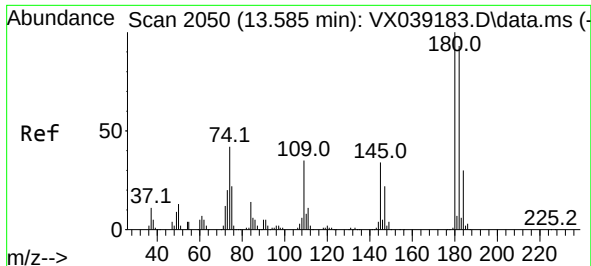


#92
1,2-Dibromo-3-Chloropropane
Concen: 168.468 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06



Tgt Ion: 75 Resp: 130347
Ion Ratio Lower Upper
75 100
155 66.8 36.1 108.5
157 85.0 44.9 134.7





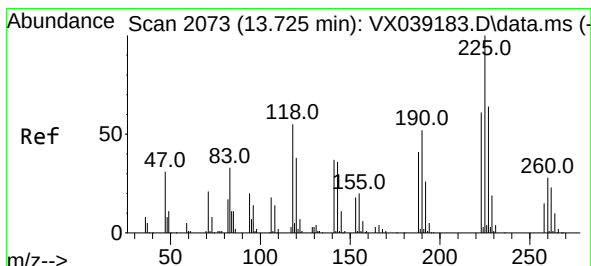
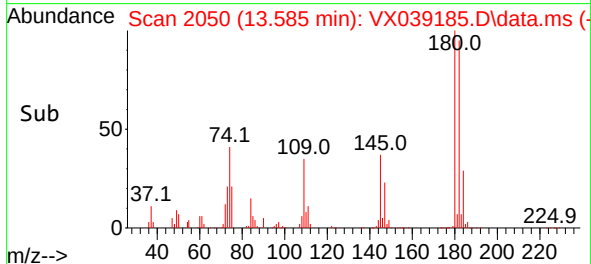
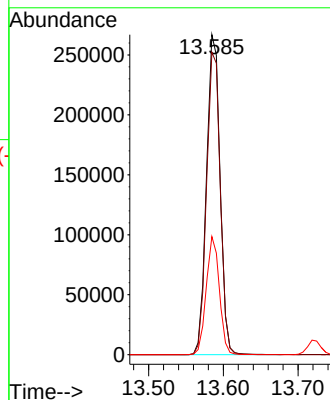
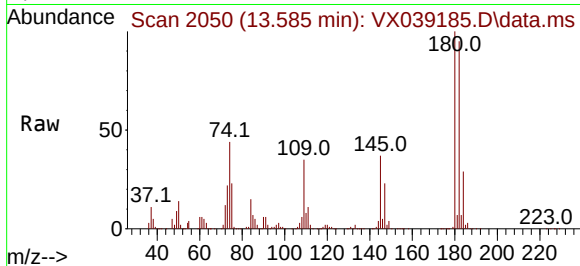
#93
1,2,4-Trichlorobenzene
Concen: 156.353 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:180 Resp: 33605
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 35.8 18.0 54.0

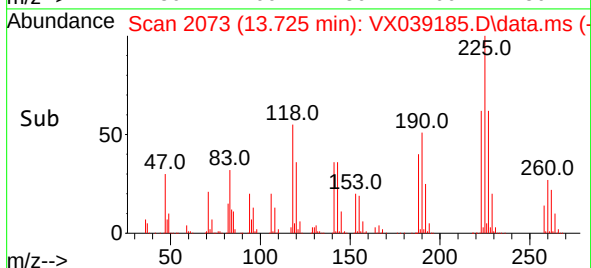
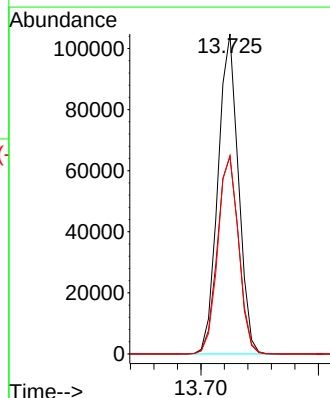
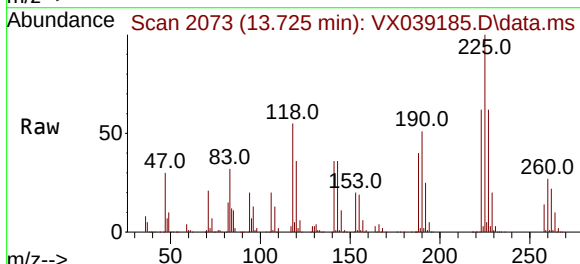
Manual Integrations
APPROVED

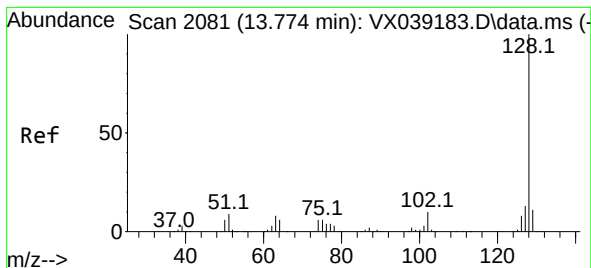
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#94
Hexachlorobutadiene
Concen: 156.285 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039185.D
Acq: 13 Dec 2023 12:06

Tgt Ion:225 Resp: 126587
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 63.1 32.5 97.5





#95

Naphthalene

Concen: 164.252 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:128 Resp: 122943

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

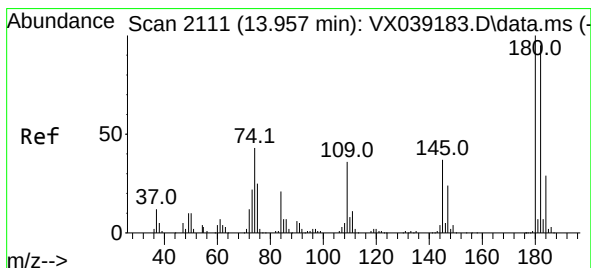
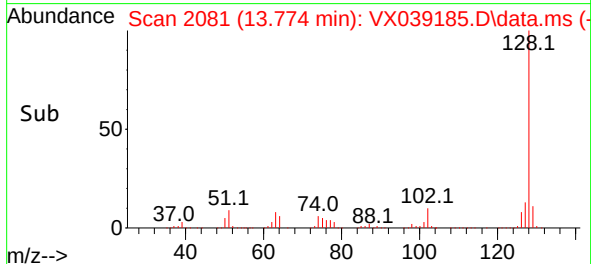
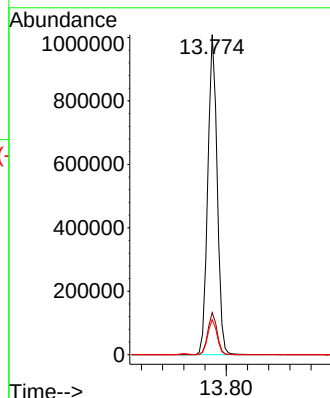
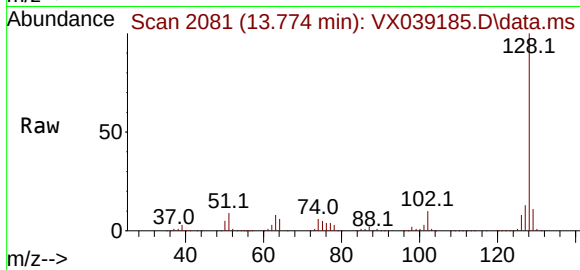
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 156.302 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039185.D

Acq: 13 Dec 2023 12:06

Tgt Ion:180 Resp: 324307

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.6

145 37.9 17.8 53.5

