

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039021.D
 Acq On : 24 Nov 2023 13:37
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112423

Quant Time: Nov 27 03:26:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/27/2023
 Supervised By : Mahesh Dadoda 11/27/2023

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

Internal Standards						
1) Bromochloromethane	4.898	128	10483m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	85168	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107117	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	44867	31.285	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.267%			
60) 4-Bromofluorobenzene	11.079	95	69385	29.656	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.867%			
63) Toluene-d8	8.647	98	128754	30.402	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.333%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32173	20.505	ug/l	99
3) Chloromethane	1.295	50	36179	20.138	ug/l	94
4) Vinyl Chloride	1.374	62	36779	20.278	ug/l	98
5) Bromomethane	1.605	94	25278	22.786	ug/l	96
6) Chloroethane	1.691	64	21926	20.759	ug/l	99
7) Trichlorofluoromethane	1.892	101	49507	19.777	ug/l	97
8) Diethyl Ether	2.130	74	19238	20.021	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	28424	20.093	ug/l	98
10) 1,1-Dichloroethene	2.319	96	28377	19.901	ug/l	99
11) Methyl Iodide	2.453	142	31690	20.281	ug/l	99
12) Methyl Acetate	2.703	43	93083	20.930	ug/l	100
13) Acrolein	2.233	56	38606	99.093	ug/l	98
14) Acrylonitrile	3.056	53	113007	103.894	ug/l	100
15) Acetone	2.374	58	34022	86.049	ug/l	90
16) Carbon Disulfide	2.514	76	86620	20.058	ug/l	99
17) Allyl chloride	2.666	41	58718	20.743	ug/l	96
18) Methylene Chloride	2.788	84	34589	20.464	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	32058	19.878	ug/l	97
20) Diisopropyl ether	3.764	45	110472	20.508	ug/l #	88
21) 1,1-Dichloroethane	3.611	63	60196	20.098	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	37562	20.097	ug/l	99
23) tert-Butyl Alcohol	2.947	59	60121	99.842	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	107020	20.374	ug/l	98
25) Chloroform	5.093	83	61354	20.410	ug/l	97
26) Cyclohexane	5.471	56	54332	20.043	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	45210	18.936	ug/l	99
30) 2-Butanone	4.550	43	169094	94.069	ug/l	100
31) 2,2-Dichloropropane	4.477	77	51799	18.976	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54092	19.602	ug/l	98
33) Carbon Tetrachloride	5.678	117	45049	19.381	ug/l	94
34) Benzene	6.038	78	136205	19.584	ug/l	99
35) Methacrylonitrile	4.916	41	31045	19.497	ug/l	94
36) 1,2-Dichloroethane	6.086	62	50612	19.833	ug/l #	90
37) Trichloroethene	7.123	130	33941	19.228	ug/l	97
38) Methylcyclohexane	7.379	83	57291	19.259	ug/l	98
39) 1,2-Dichloropropane	7.428	63	35062	19.115	ug/l	98
40) Dibromomethane	7.580	93	25339	19.552	ug/l	99
41) Bromodichloromethane	7.818	83	48159	19.343	ug/l	97
42) Vinyl Acetate	3.721	43	419690	98.026	ug/l	100

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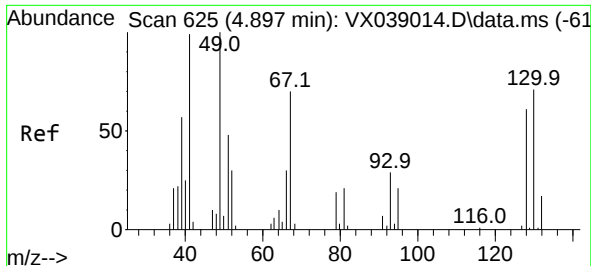
Manual Integrations
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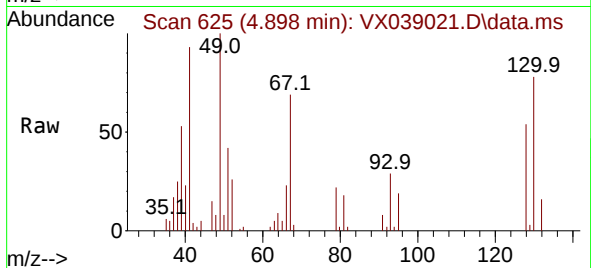
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	60976	19.717	ug/l	99
44) Isopropyl Acetate	6.336	43	95060	19.499	ug/l	100
45) 1,4-Dioxane	7.659	88	19529	392.403	ug/l	99
46) Methyl methacrylate	7.690	41	54319	19.488	ug/l	97
47) n-amyl Acetate	10.842	43	78419	19.005	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	54440	18.858	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	57130	19.183	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	34551	19.626	ug/l	97
51) Ethyl methacrylate	9.116	69	43154	19.582	ug/l	98
52) 1,3-Dichloropropane	9.305	76	58846	19.494	ug/l	99
53) Dibromochloromethane	9.519	129	35782	18.925	ug/l	96
54) 1,2-Dibromoethane	9.610	107	37806	19.582	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	131421	94.085	ug/l	100
56) Bromoform	10.799	173	25050	18.357	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	321956	99.115	ug/l	100
59) 2-Hexanone	9.427	43	258307	96.877	ug/l	100
61) Tetrachloroethene	9.275	164	27599	19.817	ug/l	96
62) Toluene	8.720	91	149845	19.704	ug/l	99
64) Chlorobenzene	10.080	112	89120	19.265	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	31822	19.101	ug/l	99
66) Ethyl Benzene	10.195	91	168295	19.434	ug/l	97
67) m/p-Xylenes	10.299	106	123657	38.644	ug/l	100
68) o-Xylene	10.640	106	60978	19.672	ug/l	97
69) Styrene	10.653	104	88127	19.211	ug/l	99
70) Isopropylbenzene	10.964	105	159159	19.191	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.214	83	59309	19.157	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	51649m	19.715	ug/l	
73) Bromobenzene	11.195	156	36217	19.181	ug/l	99
74) n-propylbenzene	11.305	91	194313	19.124	ug/l	99
75) 2-Chlorotoluene	11.366	91	114893	19.273	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	138767	19.422	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	19100	18.399	ug/l	95
78) 4-Chlorotoluene	11.451	91	131824	18.808	ug/l	100
79) tert-butylbenzene	11.713	119	131530	19.360	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	136547	19.096	ug/l	99
81) sec-Butylbenzene	11.890	105	164040	19.100	ug/l	100
82) p-Isopropyltoluene	12.006	119	137180	18.846	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	69469	19.225	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	70891	19.120	ug/l	100
85) n-Butylbenzene	12.335	91	135347	18.829	ug/l	98
86) Hexachloroethane	12.536	117	25893	18.774	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	67021	19.288	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15236	19.242	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	44073	19.131	ug/l	99
90) Hexachlorobutadiene	13.725	225	15278	18.573	ug/l	98
91) Naphthalene	13.774	128	159719	18.799	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	41831	18.746	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

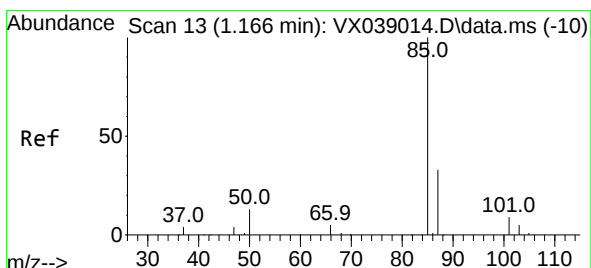
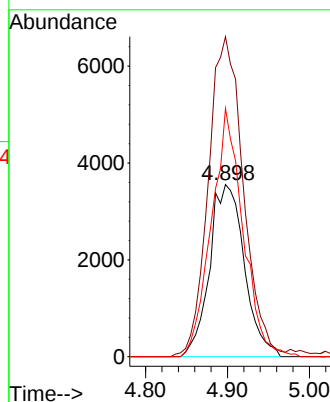
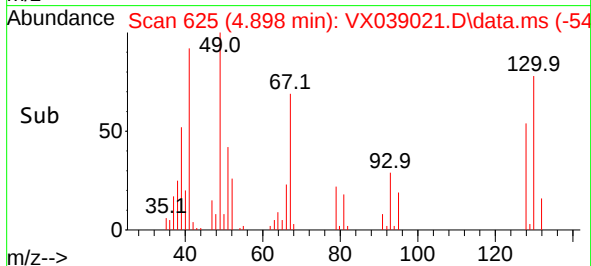
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423



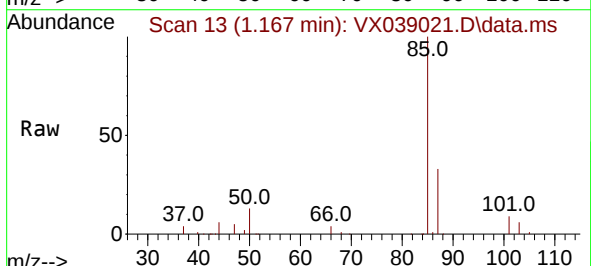
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Ion Ratio Lower Upper
128 100
49 187.3 0.0 444.0
130 131.0 0.0 297.8

Manual Integrations
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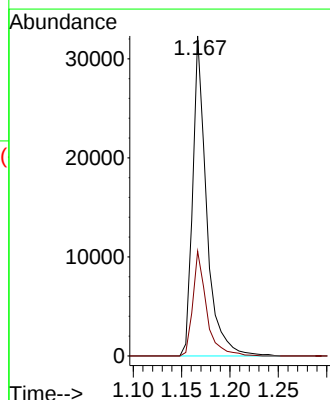
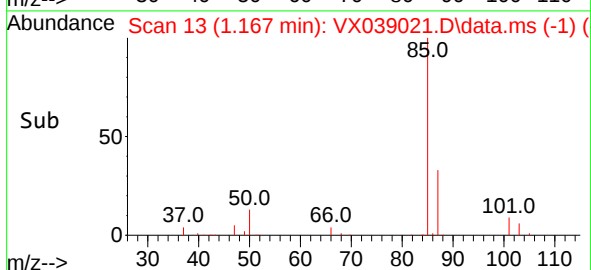
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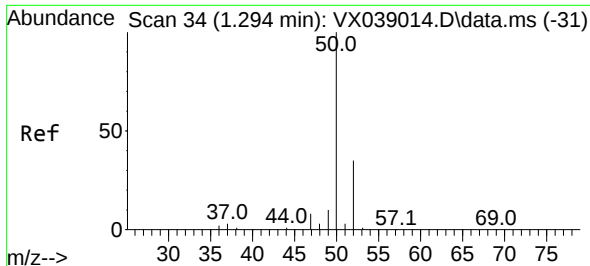


#2
Dichlorodifluoromethane
Concen: 20.505 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



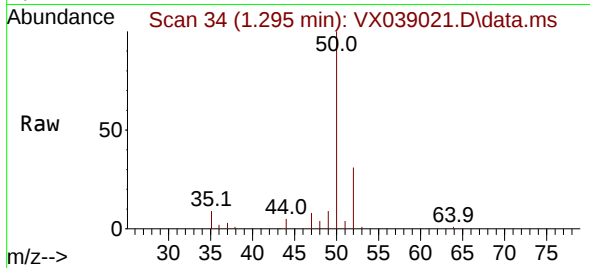
Tgt Ion: 85 Resp: 32173
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 20.138 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

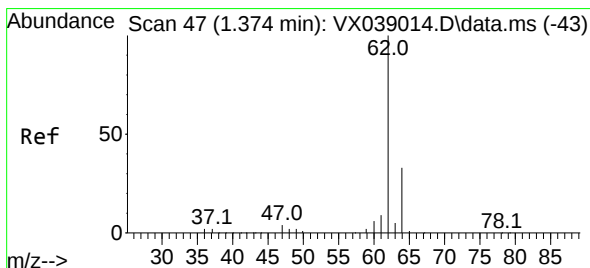
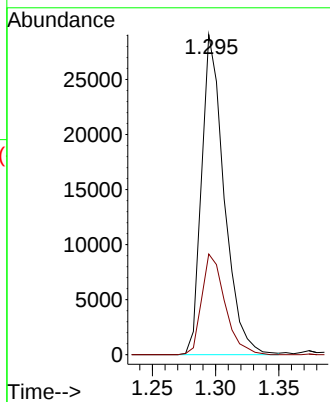
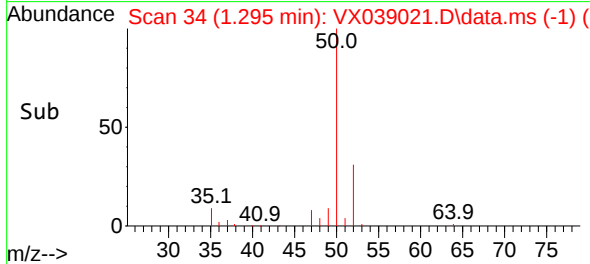
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



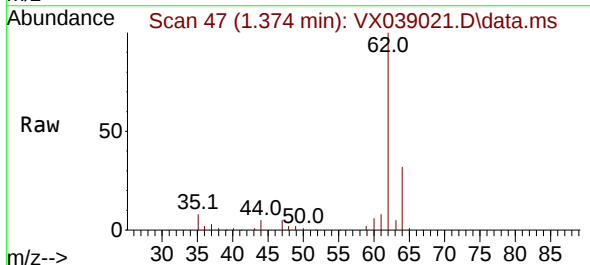
Tgt Ion: 50 Resp: 36179
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.8

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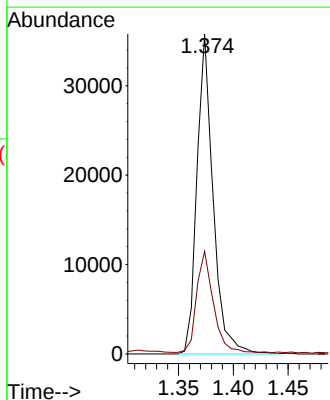
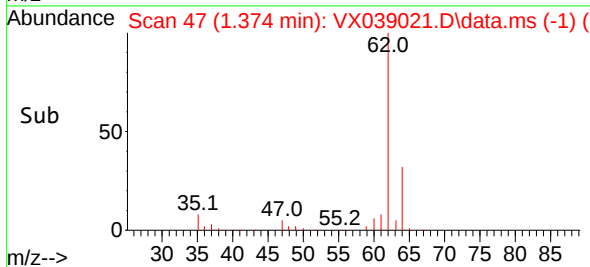
Reviewed By :John Carlone 11/27/2023
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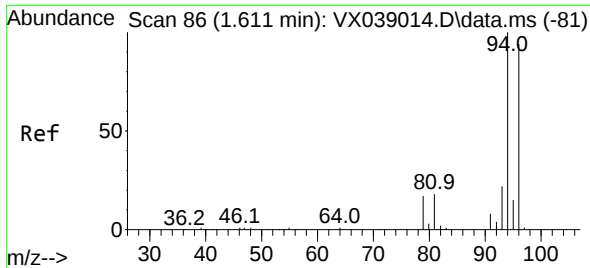


#4
Vinyl Chloride
Concen: 20.278 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



Tgt Ion: 62 Resp: 36779
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





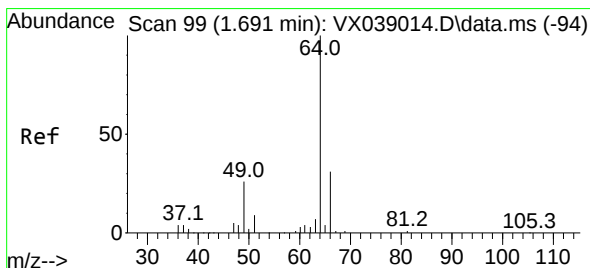
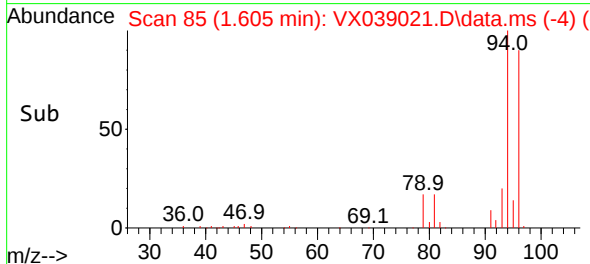
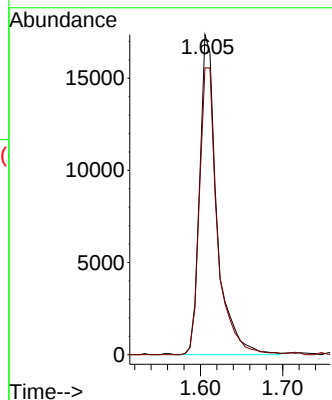
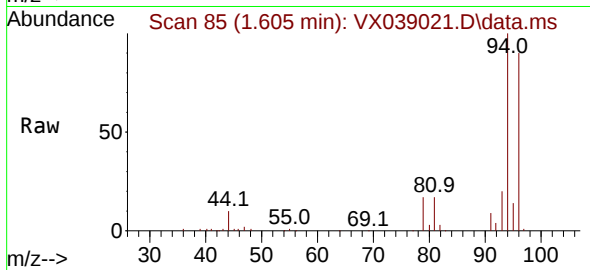
#5
Bromomethane
Concen: 22.786 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
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Tgt Ion: 94 Resp: 25278
Ion Ratio Lower Upper
94 100
96 89.6 74.9 112.3

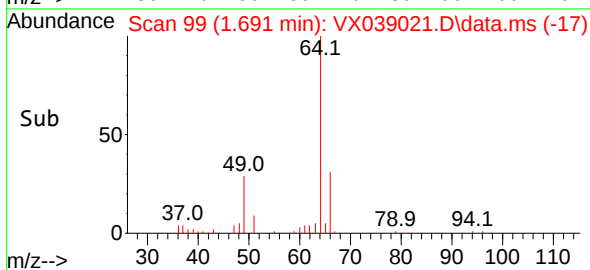
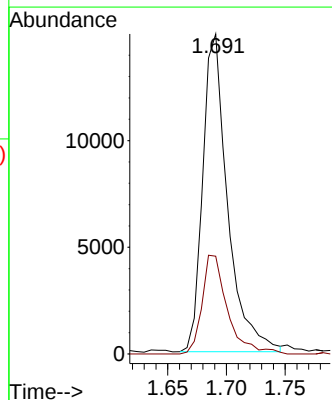
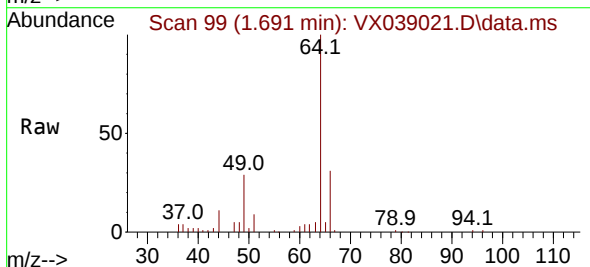
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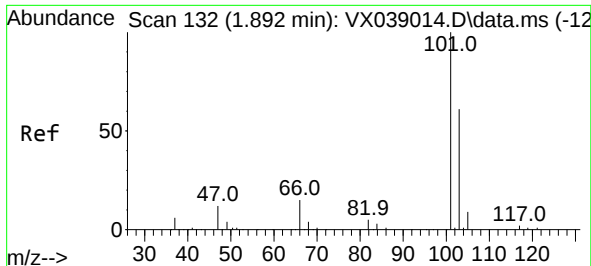
Reviewed By :John Carlone 11/27/2023
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#6
Chloroethane
Concen: 20.759 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 64 Resp: 21926
Ion Ratio Lower Upper
64 100
66 30.7 25.0 37.6





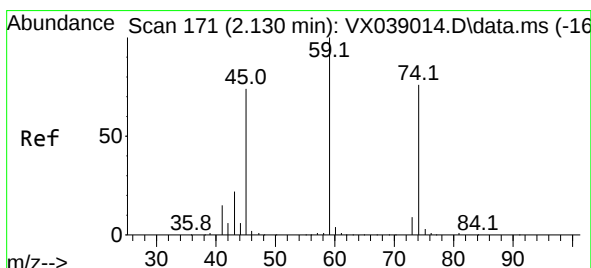
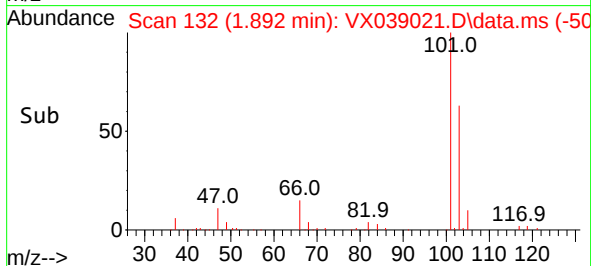
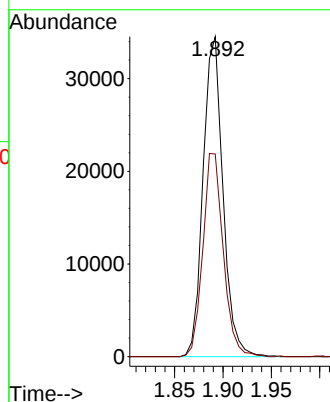
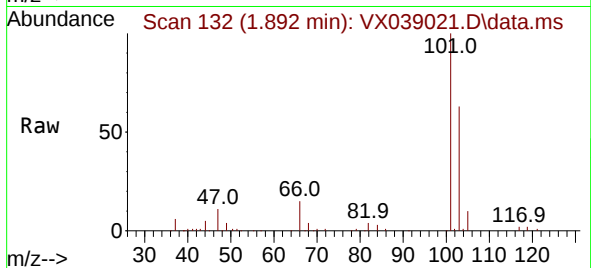
#7
Trichlorofluoromethane
Concen: 19.777 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
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Tgt Ion:101 Resp: 4950
Ion Ratio Lower Upper
101 100
103 63.4 49.1 73.7

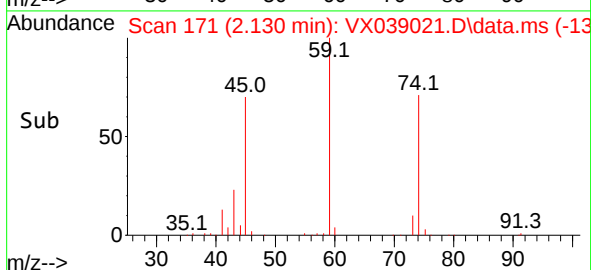
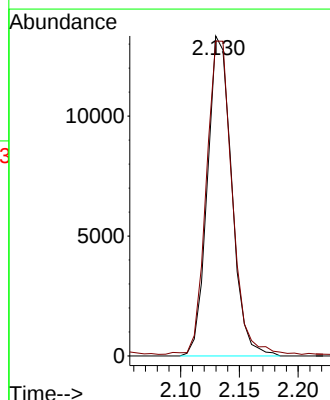
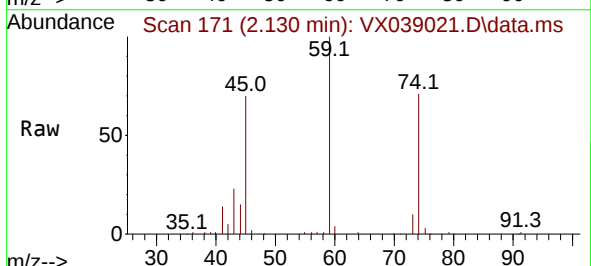
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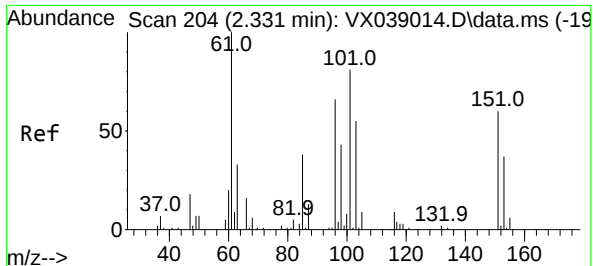
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#8
Diethyl Ether
Concen: 20.021 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 74 Resp: 19238
Ion Ratio Lower Upper
74 100
45 105.4 20.5 184.5





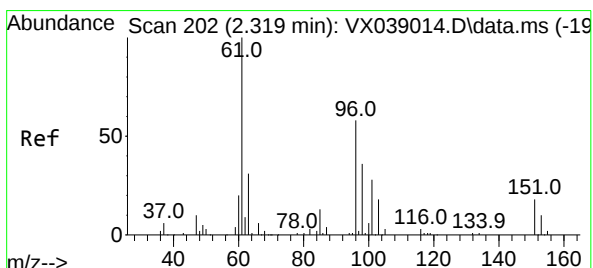
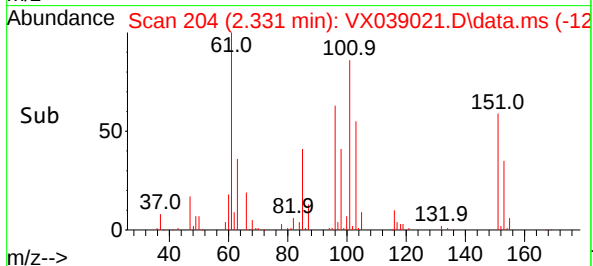
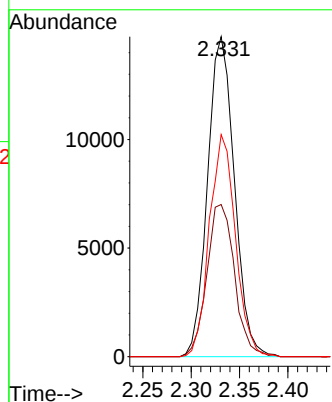
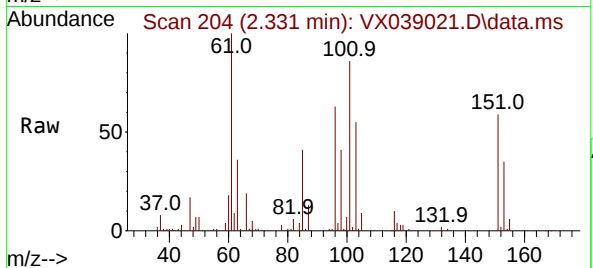
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.093 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion:101 Resp: 28424
Ion Ratio Lower Upper
101 100
85 49.1 0.0 95.2
151 67.5 0.0 136.8

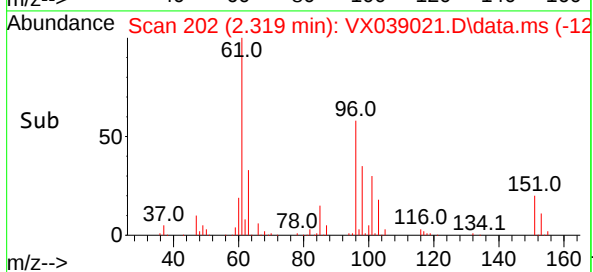
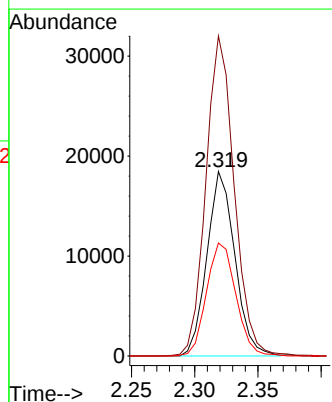
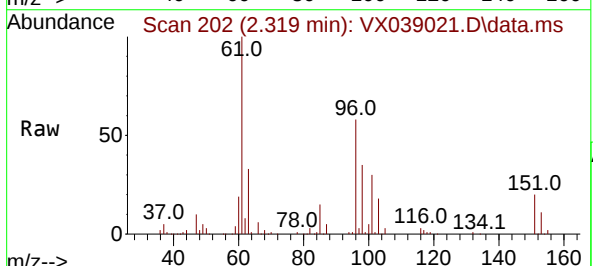
Manual Integrations
APPROVED

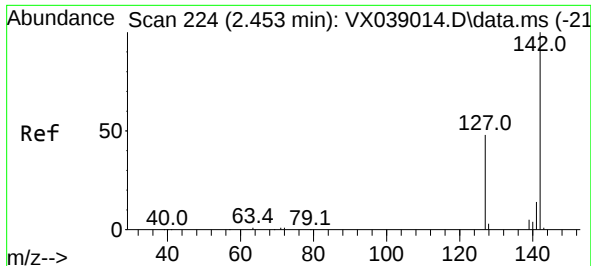
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 19.901 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

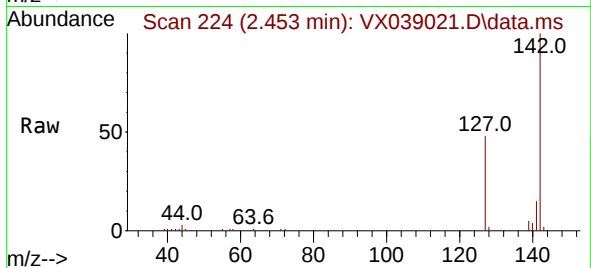
Tgt Ion: 96 Resp: 28377
Ion Ratio Lower Upper
96 100
61 172.5 138.3 207.5
98 60.8 49.8 74.6





#11
Methyl Iodide
Concen: 20.281 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

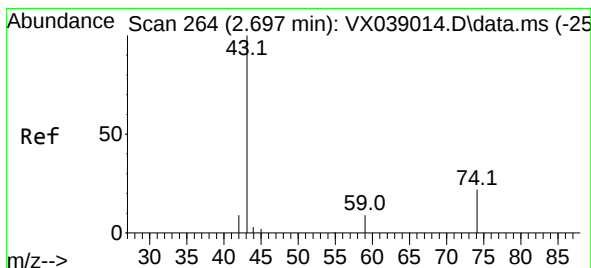
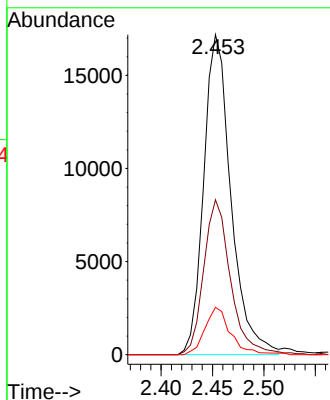
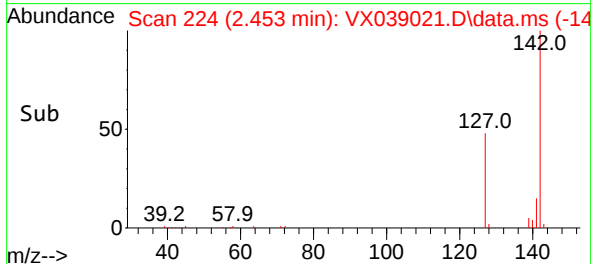
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



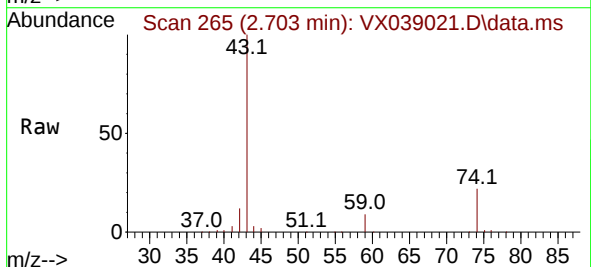
Tgt Ion:142 Resp: 31690
Ion Ratio Lower Upper
142 100
127 48.4 23.8 71.4
141 14.6 6.9 20.6

Manual Integrations
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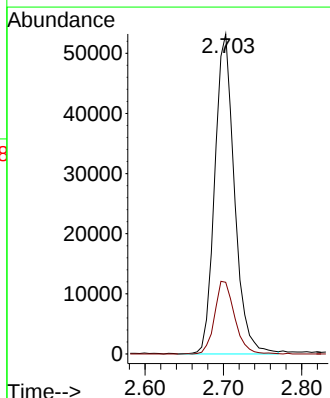
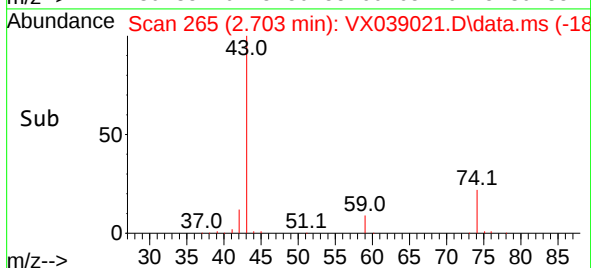
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

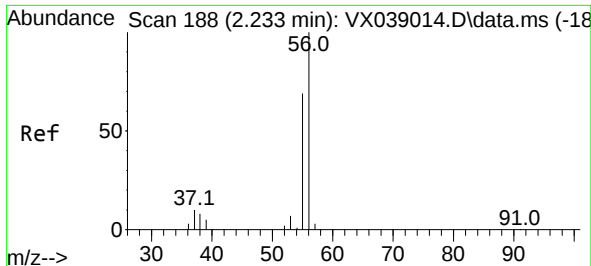


#12
Methyl Acetate
Concen: 20.930 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



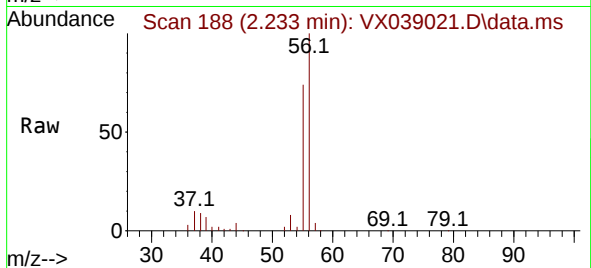
Tgt Ion: 43 Resp: 93083
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6





#13
Acrolein
Concen: 99.093 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

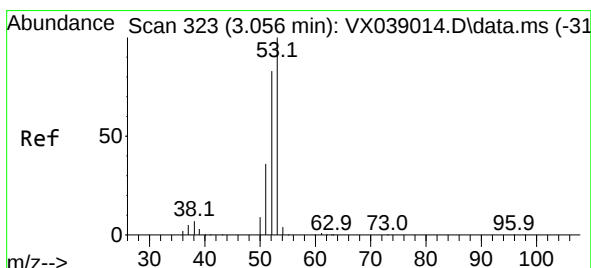
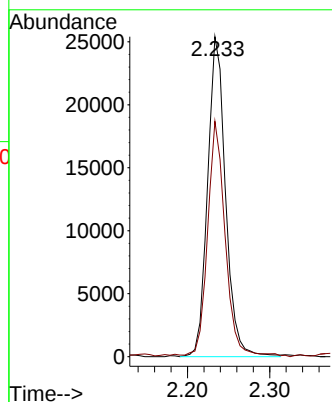
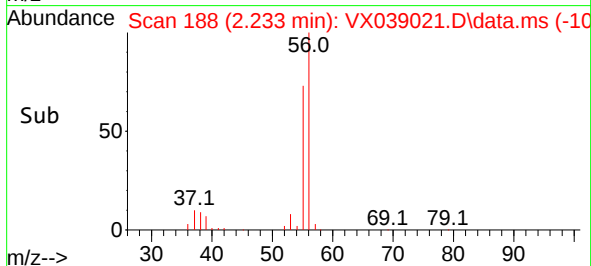
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



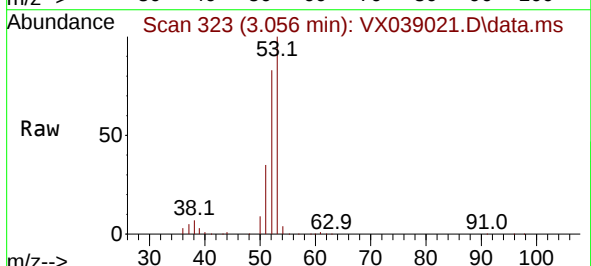
Tgt Ion: 56 Resp: 38600
Ion Ratio Lower Upper
56 100
55 69.6 57.2 85.8

Manual Integrations
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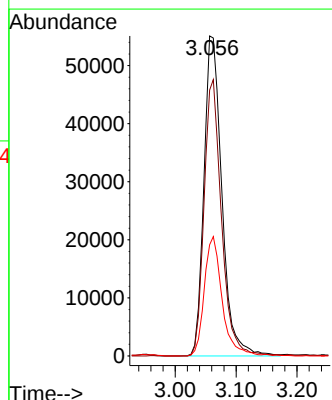
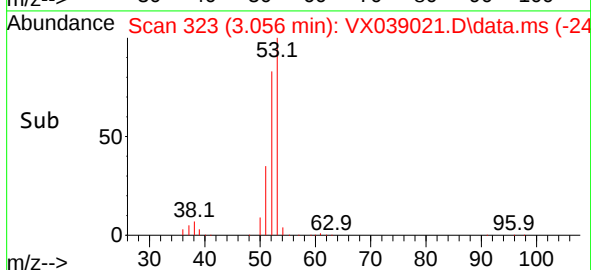
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

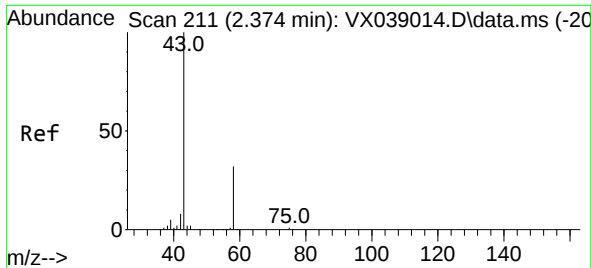


#14
Acrylonitrile
Concen: 103.894 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



Tgt Ion: 53 Resp: 113007
Ion Ratio Lower Upper
53 100
52 83.5 41.9 125.6
51 36.9 18.3 54.9





#15

Acetone

Concen: 86.049 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

Tgt Ion: 58 Resp: 3402

Ion Ratio Lower Upper

58 100

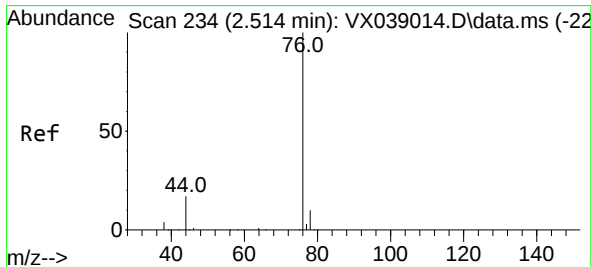
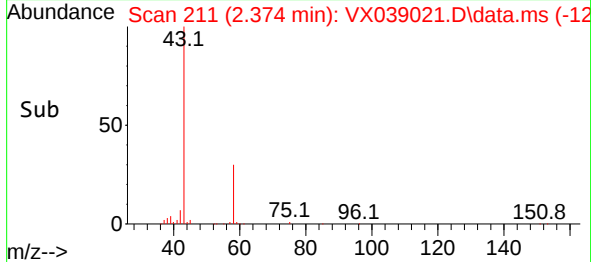
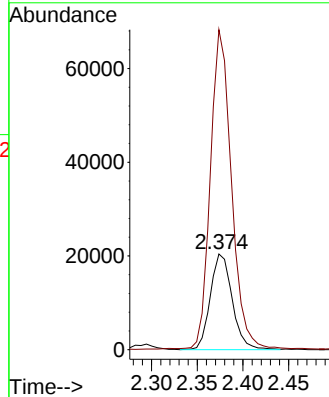
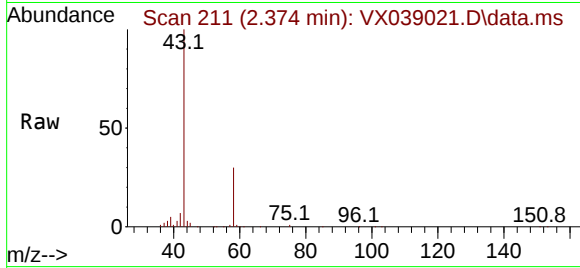
43 333.1 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#16

Carbon Disulfide

Concen: 20.058 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039021.D

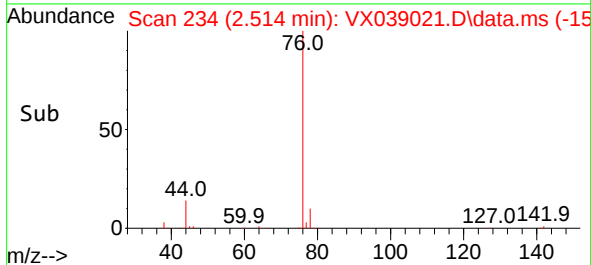
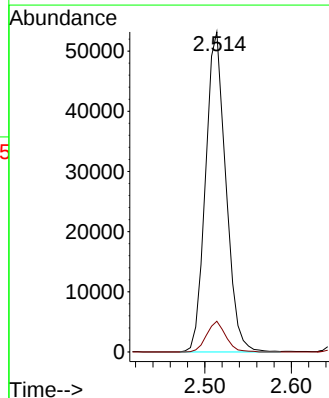
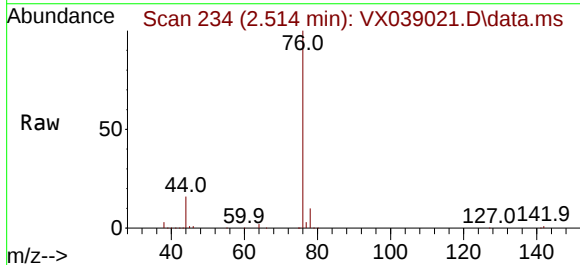
Acq: 24 Nov 2023 13:37

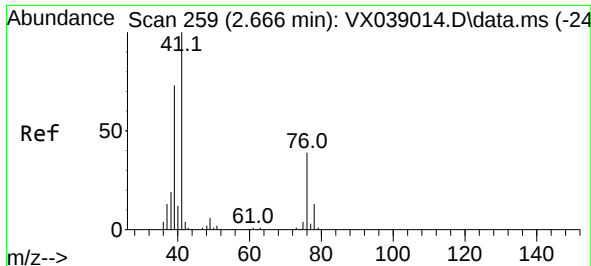
Tgt Ion: 76 Resp: 86620

Ion Ratio Lower Upper

76 100

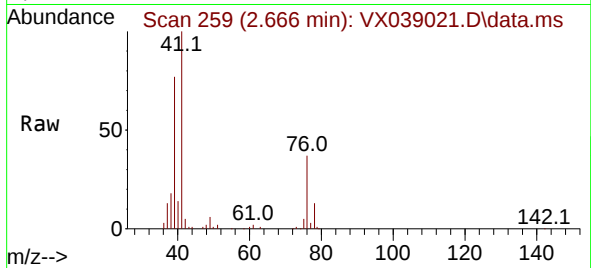
78 9.6 8.0 12.0





#17
 Allyl chloride
 Concen: 20.743 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039021.D
 Acq: 24 Nov 2023 13:37

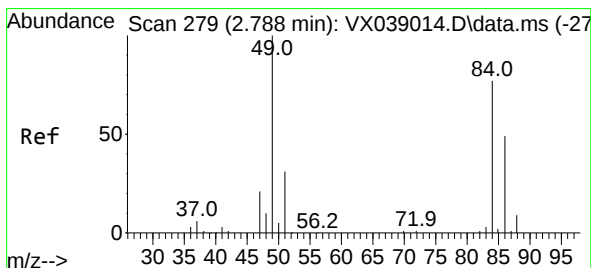
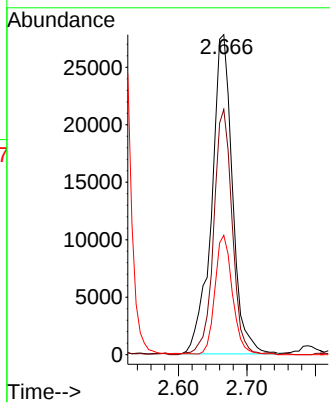
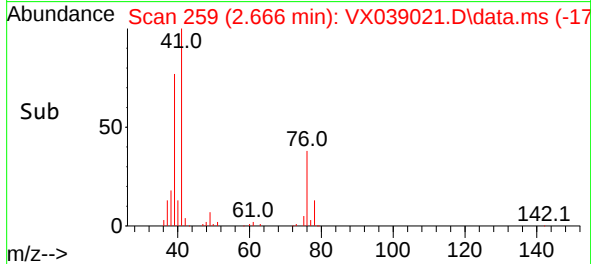
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112423



Tgt Ion: 41 Resp: 58718
 Ion Ratio Lower Upper
 41 100
 39 76.9 36.5 109.5
 76 37.4 19.7 59.0

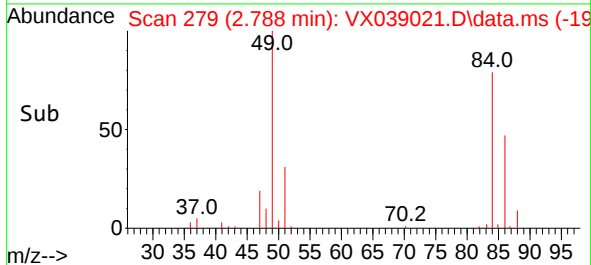
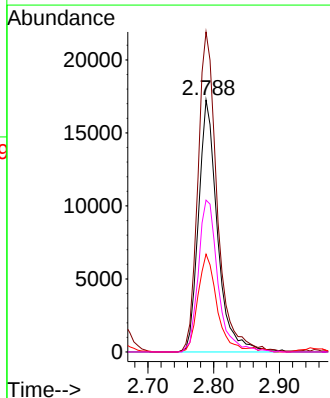
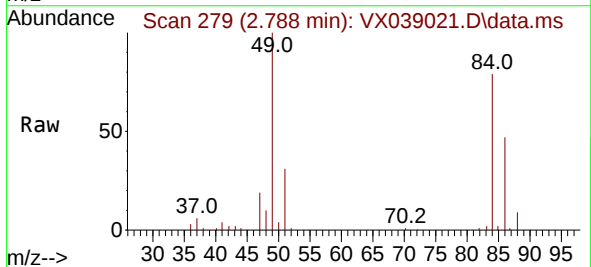
Manual Integrations
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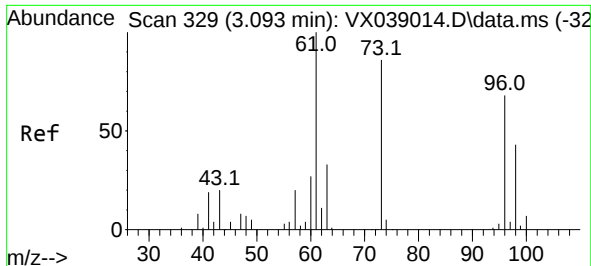
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#18
 Methylene Chloride
 Concen: 20.464 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039021.D
 Acq: 24 Nov 2023 13:37

Tgt Ion: 84 Resp: 34589
 Ion Ratio Lower Upper
 84 100
 49 127.0 103.8 155.8
 51 38.8 31.8 47.6
 86 60.2 50.8 76.2





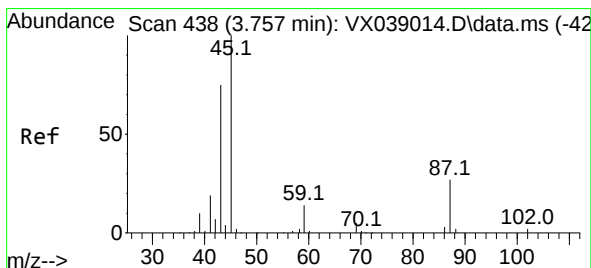
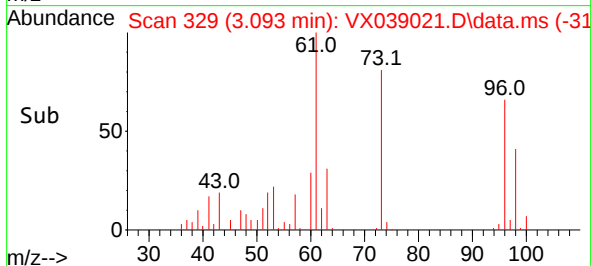
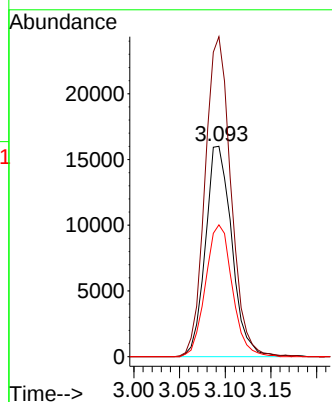
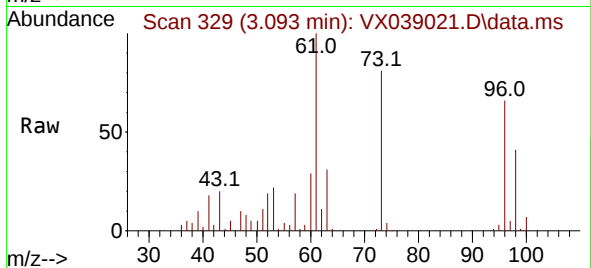
#19
trans-1,2-Dichloroethene
Concen: 19.878 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423

Tgt Ion: 96 Resp: 32058
Ion Ratio Lower Upper
96 100
61 151.6 117.9 176.9
98 62.7 51.0 76.6

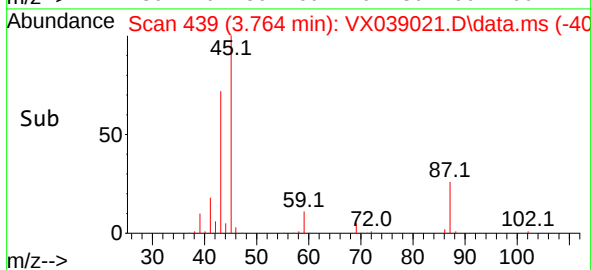
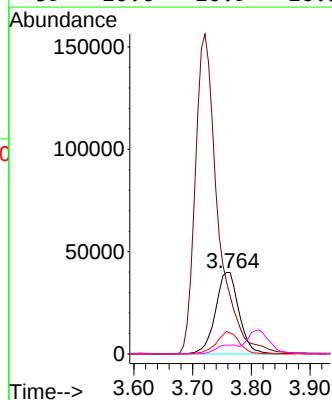
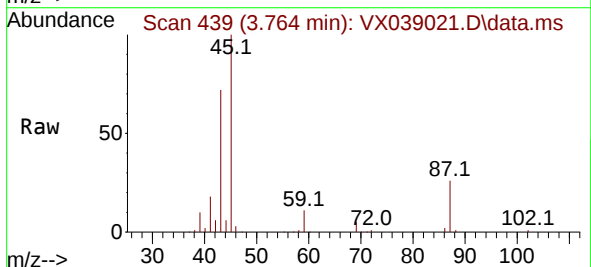
Manual Integrations
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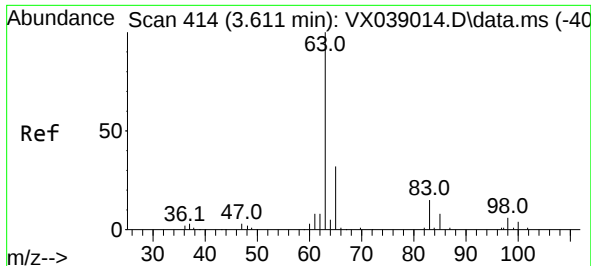
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#20
Diisopropyl ether
Concen: 20.508 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 45 Resp: 110472
Ion Ratio Lower Upper
45 100
43 70.1 67.7 101.5
87 25.6 21.5 32.3
59 10.6 10.9 16.3#





#21

1,1-Dichloroethane

Concen: 20.098 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

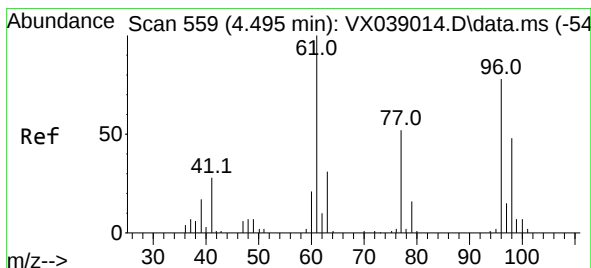
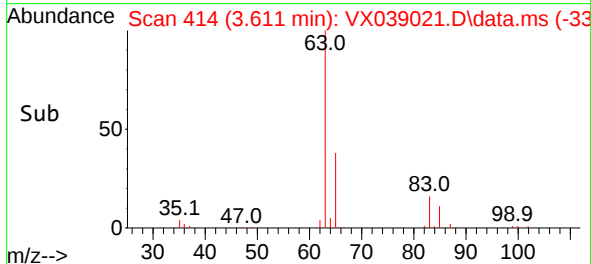
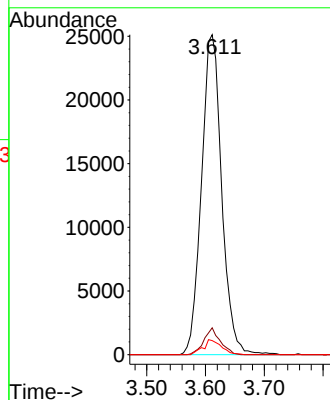
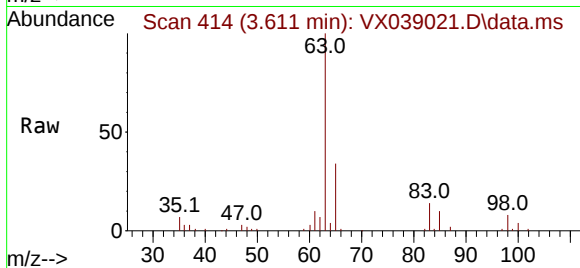
Tgt Ion: 63	Resp: 60190
Ion Ratio	Lower Upper
63 100	
98 8.4	2.9 8.8
100 4.4	2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#22

cis-1,2-Dichloroethene

Concen: 20.097 ug/l

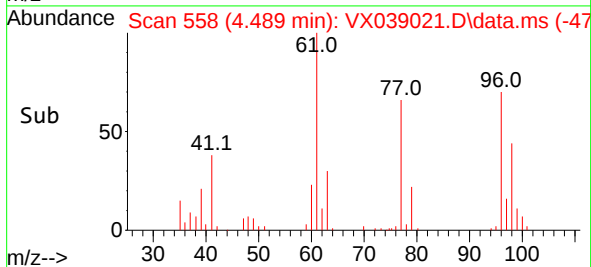
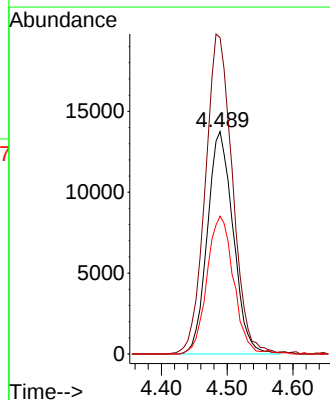
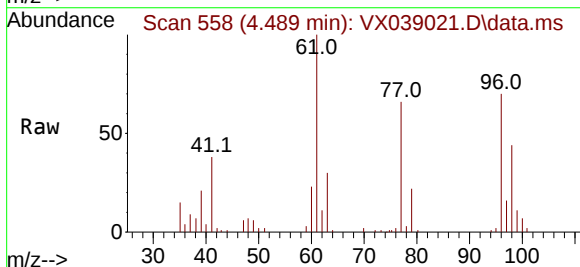
RT: 4.489 min Scan# 558

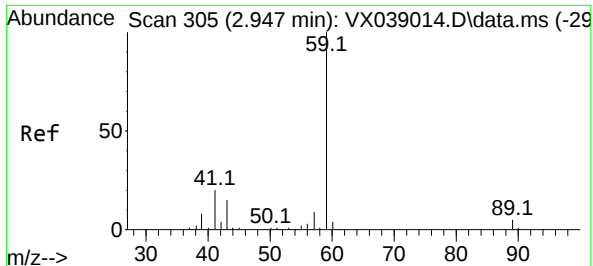
Delta R.T. -0.006 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Tgt Ion: 96	Resp: 37562
Ion Ratio	Lower Upper
96 100	
61 151.1	119.8 179.6
98 63.3	50.9 76.3





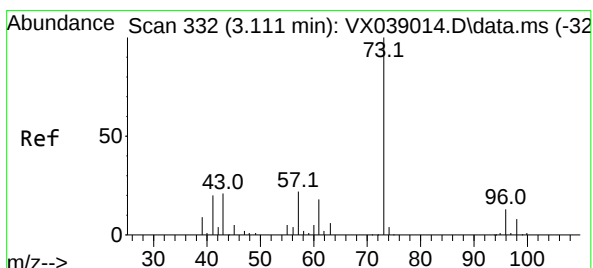
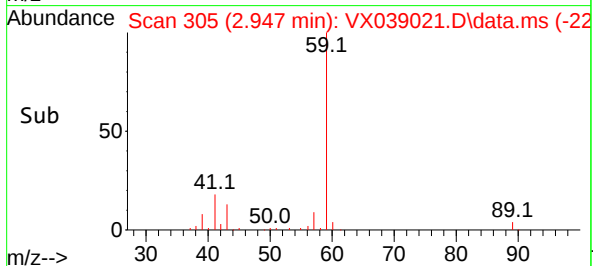
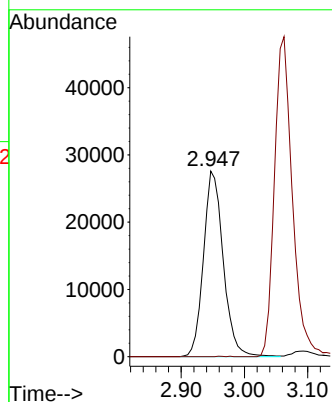
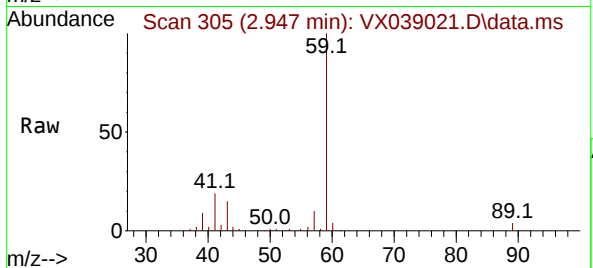
#23
tert-Butyl Alcohol
Concen: 99.842 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion: 59 Resp: 6012
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

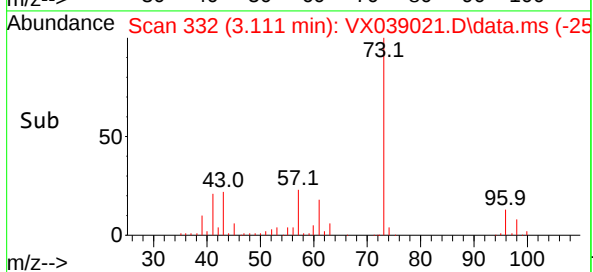
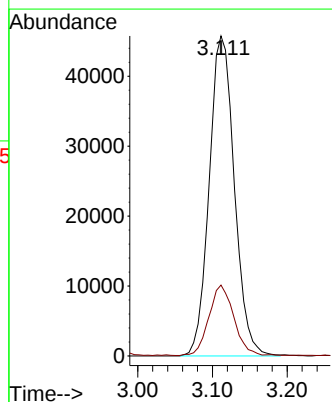
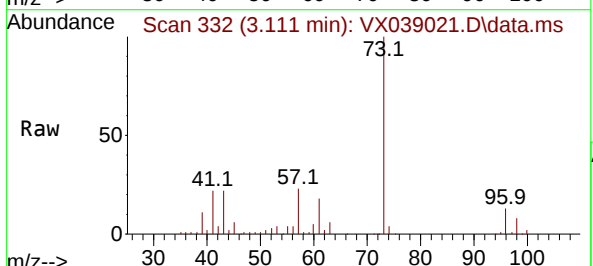
Manual Integrations
APPROVED

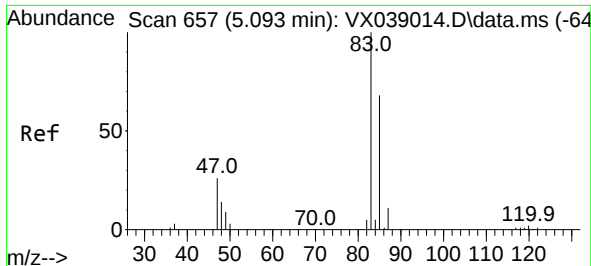
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 20.374 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 73 Resp: 107020
Ion Ratio Lower Upper
73 100
43 22.1 17.0 25.6





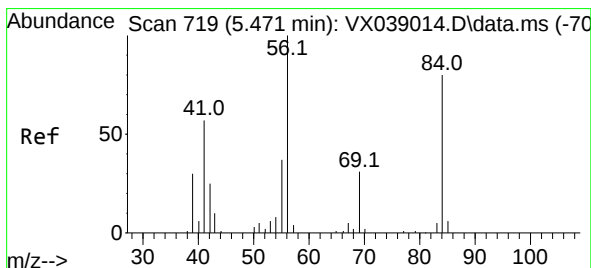
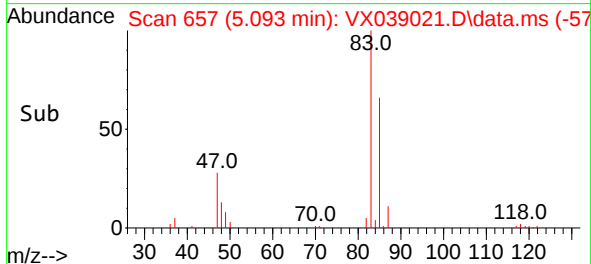
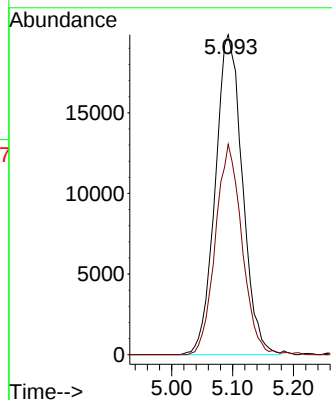
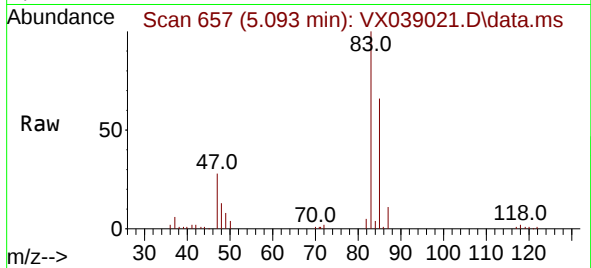
#25
Chloroform
Concen: 20.410 ug/l
RT: 5.093 min Scan# 61354
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion: 83 Resp: 61354
Ion Ratio Lower Upper
83 100
85 65.8 54.6 81.8

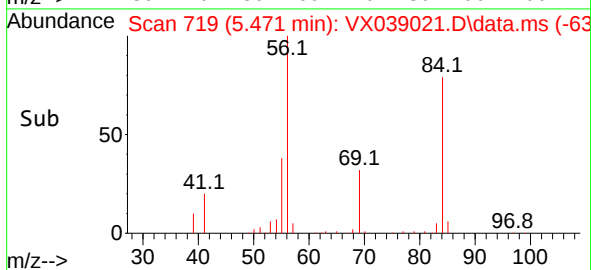
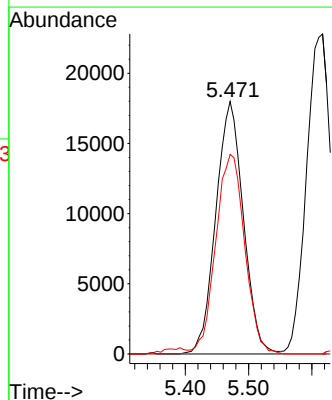
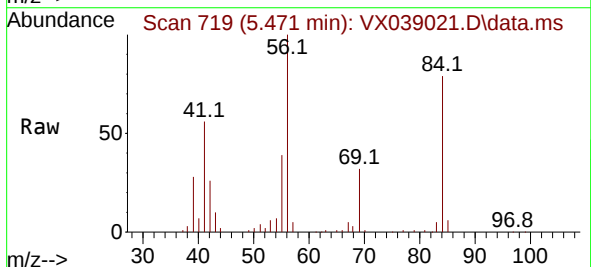
Manual Integrations
APPROVED

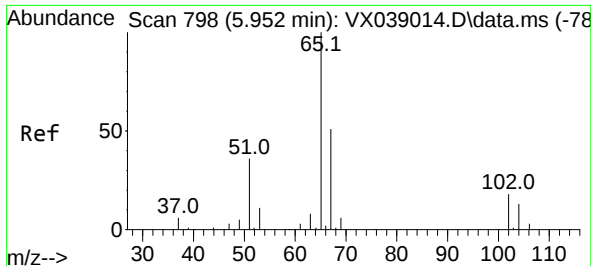
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 20.043 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 56 Resp: 54332
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.2 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 31.285 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112423

Tgt Ion: 65 Resp: 4486

Ion Ratio Lower Upper

65 100

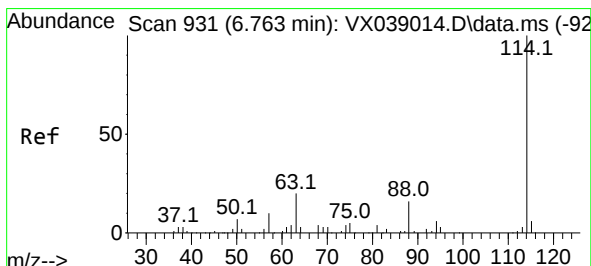
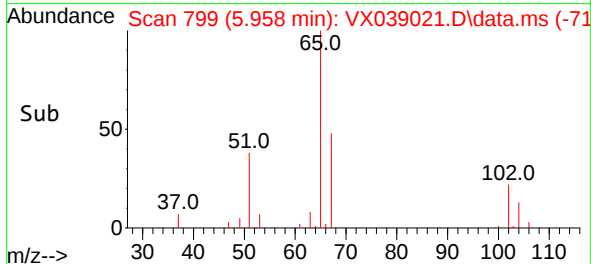
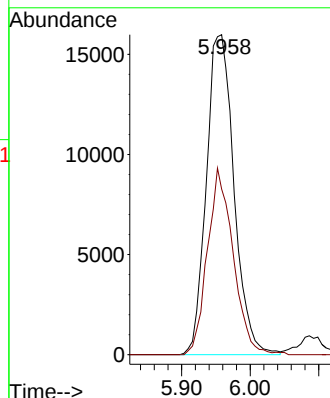
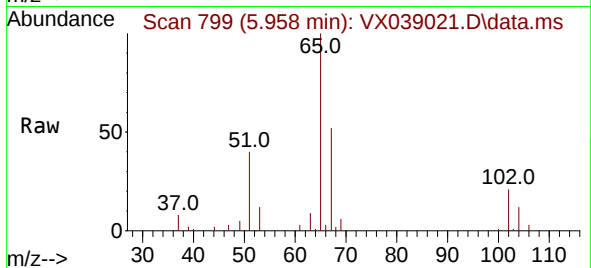
67 54.0 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

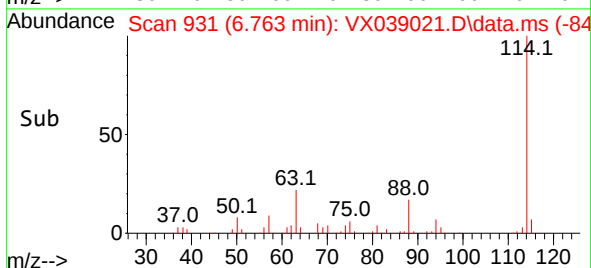
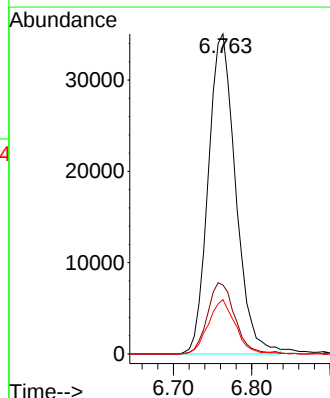
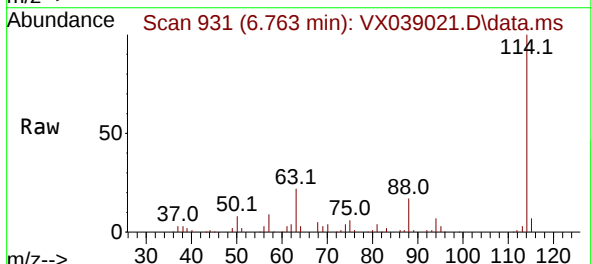
Tgt Ion:114 Resp: 85168

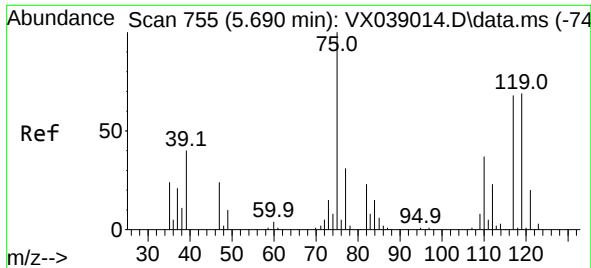
Ion Ratio Lower Upper

114 100

63 22.0 17.0 25.4

88 16.5 12.7 19.1





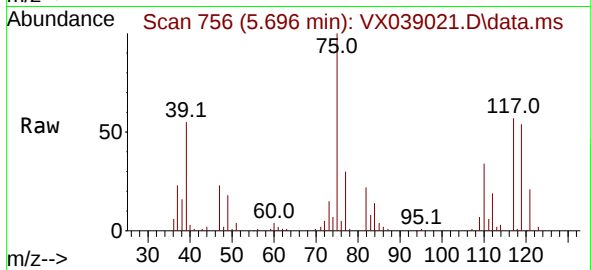
#29
1,1-Dichloropropene
Concen: 18.936 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423



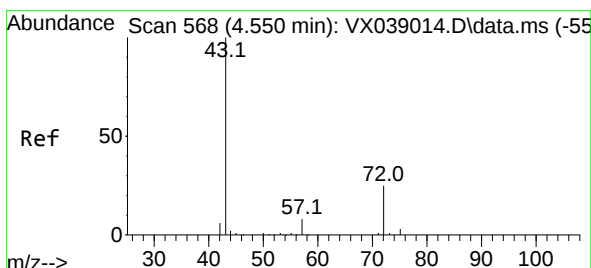
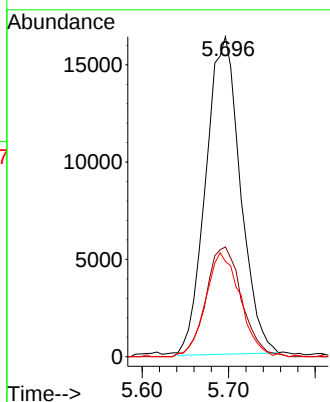
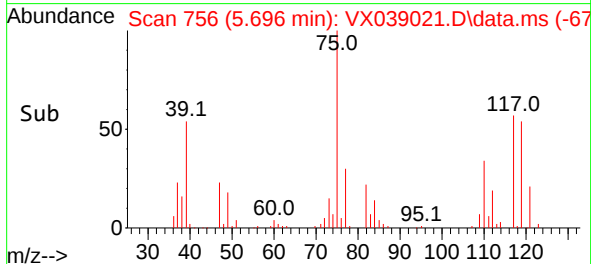
Tgt Ion: 75 Resp: 45210
Ion Ratio Lower Upper
75 100
110 35.7 0.0 71.2
77 32.8 0.0 62.6

Manual Integrations

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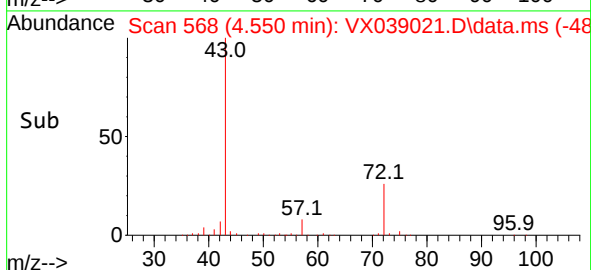
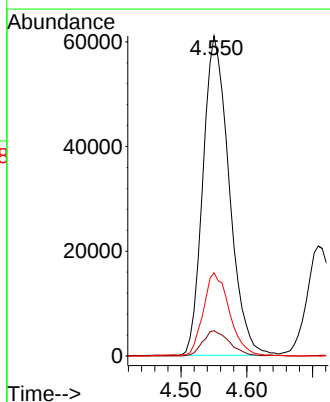
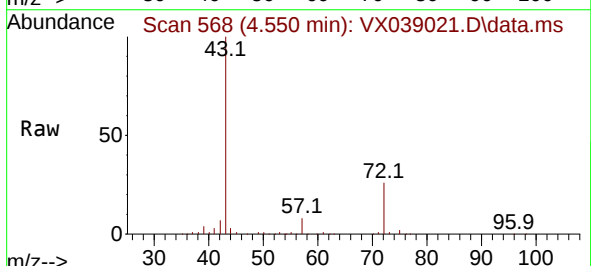
Reviewed By :John Carlone 11/27/2023

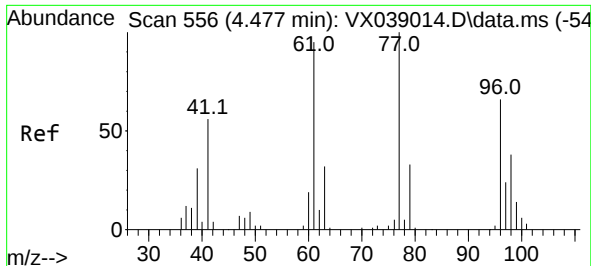
Supervised By :Mahesh Dadoda 11/27/2023



#30
2-Butanone
Concen: 94.069 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 43 Resp: 169094
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 25.7 20.6 31.0





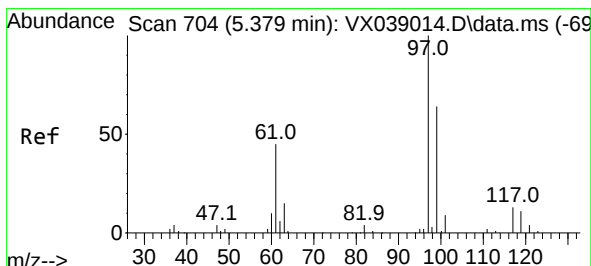
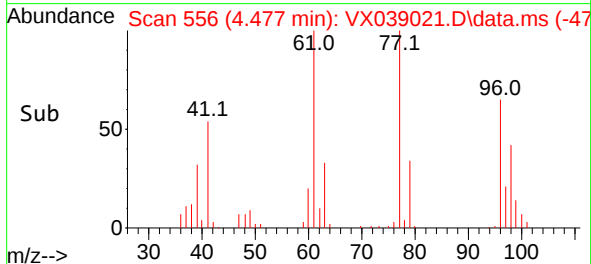
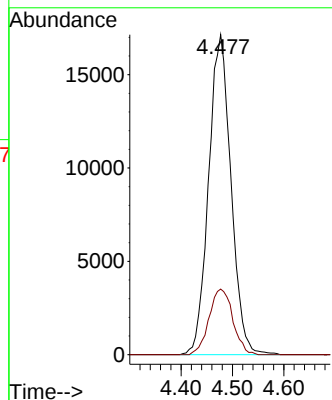
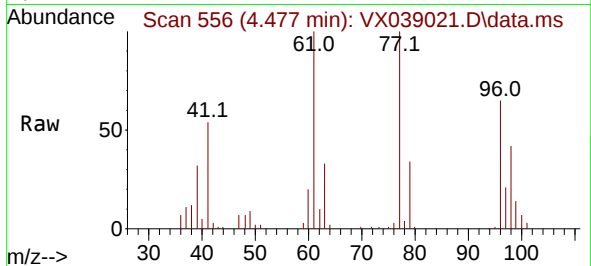
#31
2,2-Dichloropropane
Concen: 18.976 ug/l
RT: 4.477 min Scan# 51799
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion: 77 Resp: 51799
Ion Ratio Lower Upper
77 100
97 21.8 18.2 27.4

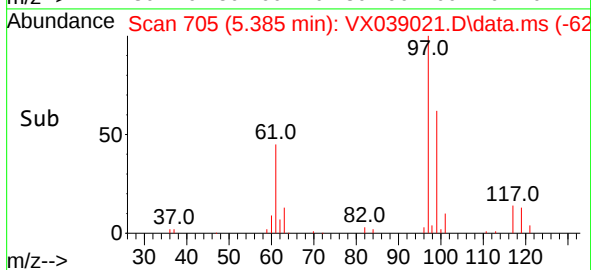
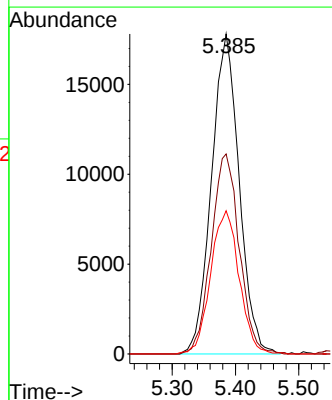
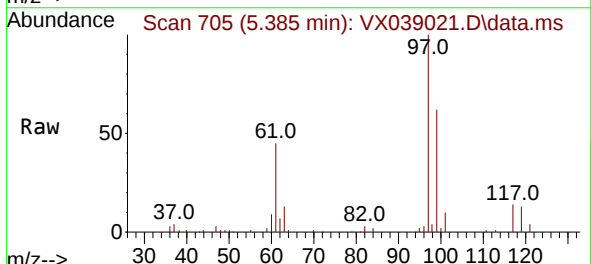
Manual Integrations
APPROVED

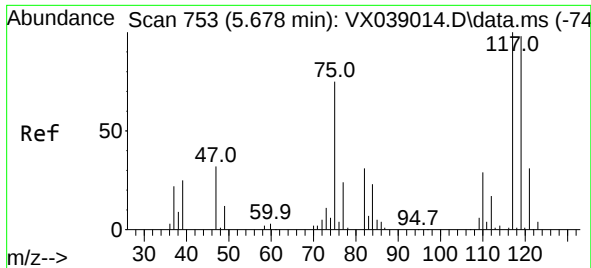
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 19.602 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 97 Resp: 54092
Ion Ratio Lower Upper
97 100
99 63.2 52.6 79.0
61 46.1 36.9 55.3





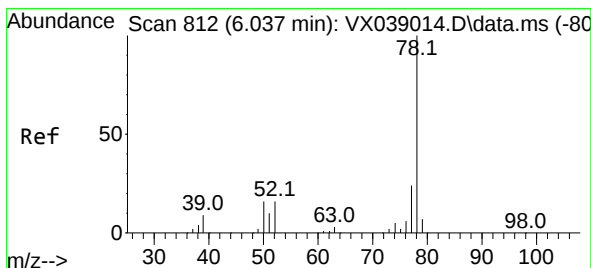
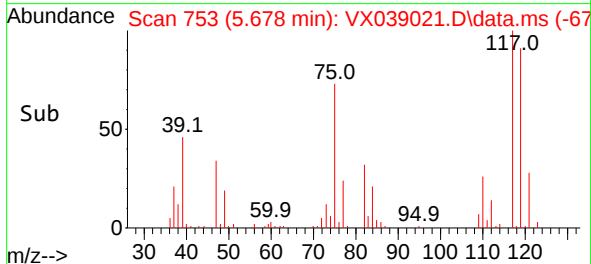
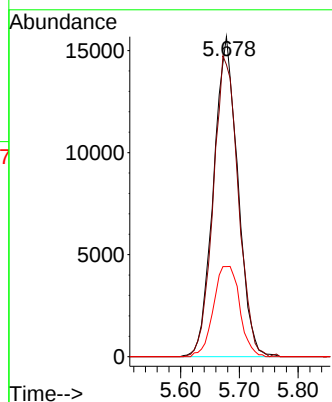
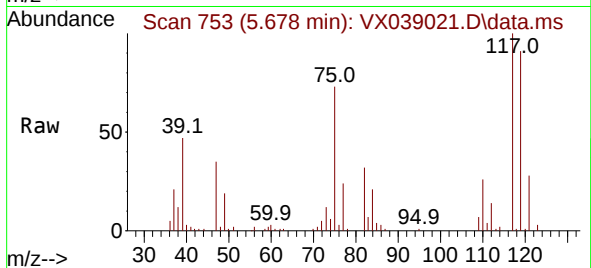
#33
Carbon Tetrachloride
Concen: 19.381 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion:117 Resp: 45049
Ion Ratio Lower Upper
117 100
119 91.3 78.2 117.4
121 28.1 24.7 37.1

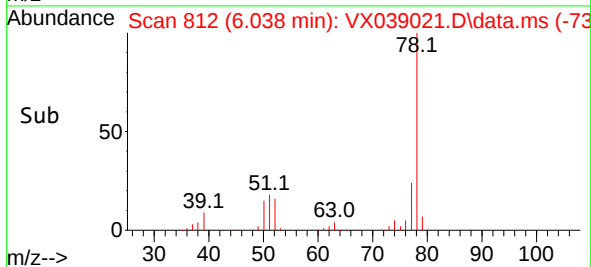
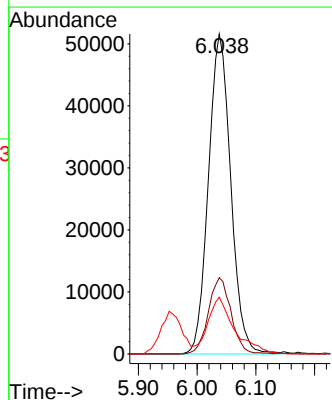
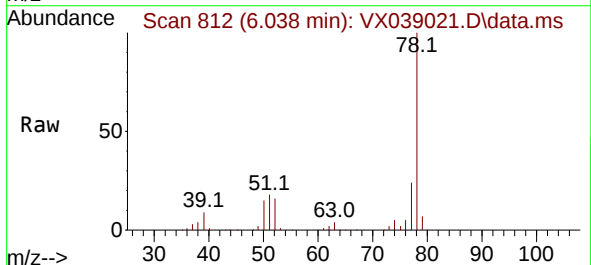
Manual Integrations
APPROVED

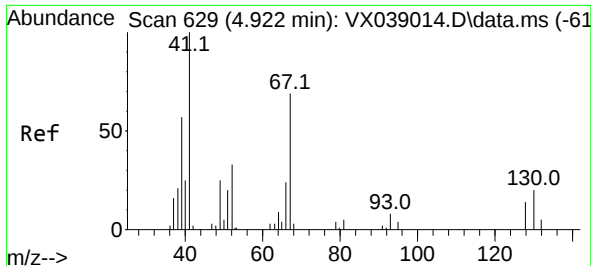
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 19.584 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 78 Resp: 136205
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9
51 17.6 14.4 21.6





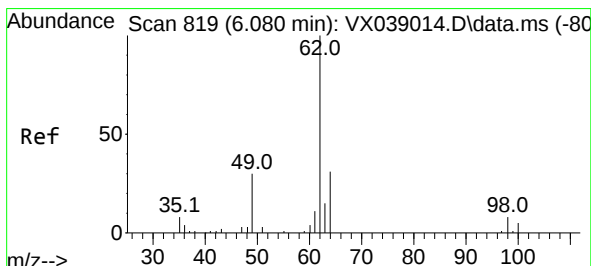
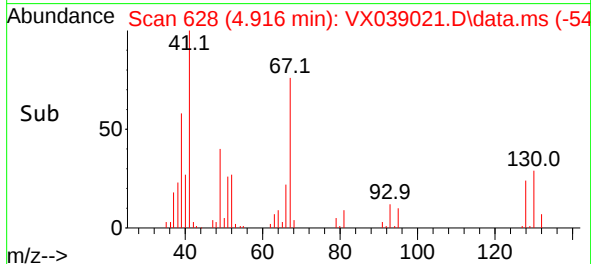
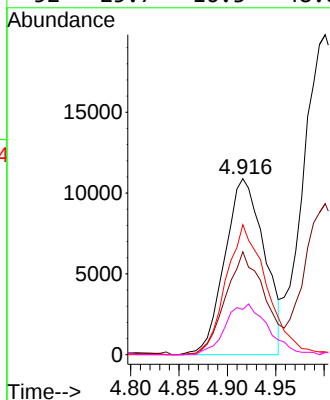
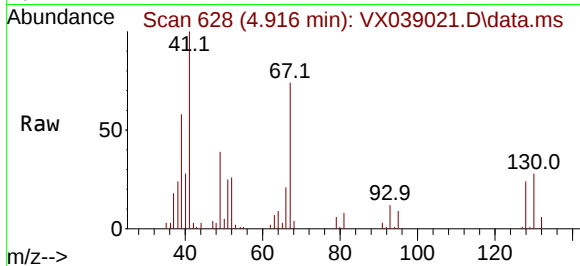
#35
Methacrylonitrile
Concen: 19.497 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423

Tgt Ion:	41	Resp:	3104
Ion	Ratio	Lower	Upper
41	100		
39	58.4	28.2	84.7
67	73.8	34.5	103.5
52	25.7	16.3	48.8

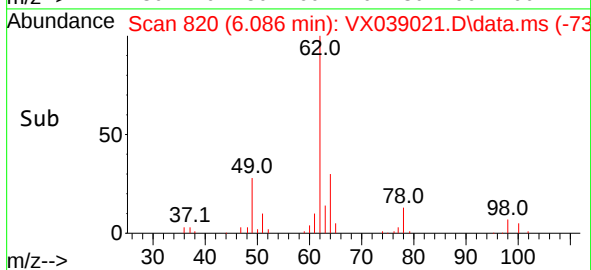
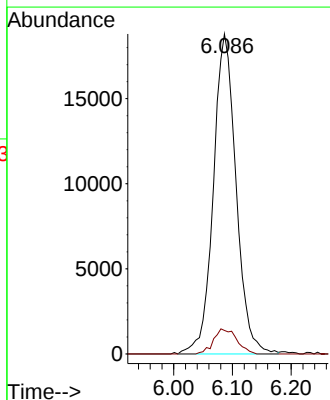
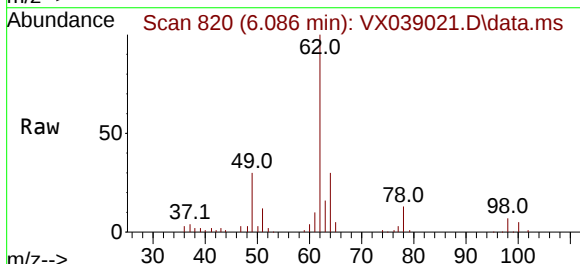
Manual Integrations
APPROVED

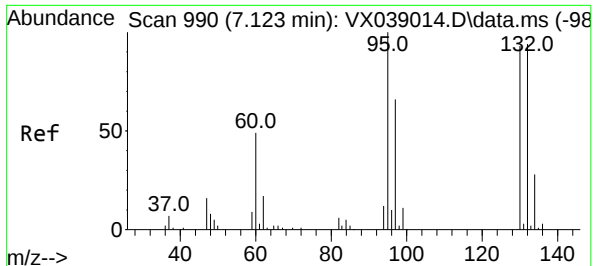
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 19.833 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion:	62	Resp:	50612
Ion	Ratio	Lower	Upper
62	100		
98	5.1	7.0	10.4





#37

Trichloroethene

Concen: 19.228 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

Tgt Ion:130 Resp: 3394

Ion Ratio Lower Upper

130 100

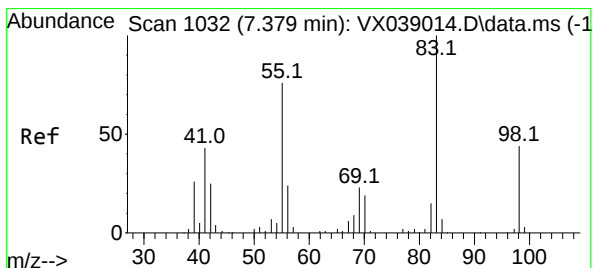
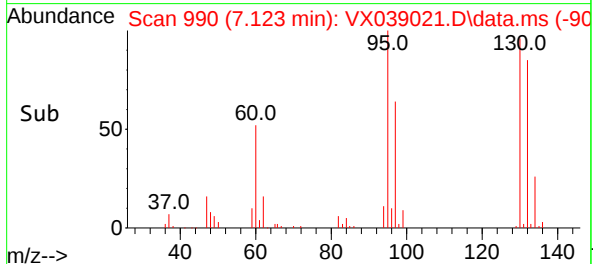
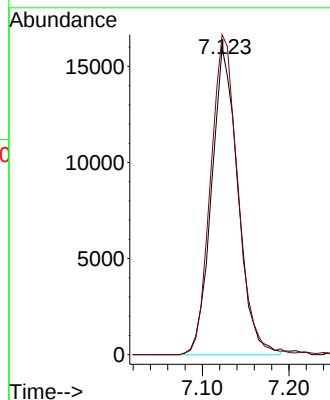
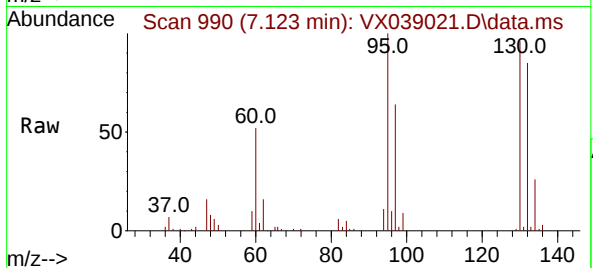
95 104.1 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#38

Methylcyclohexane

Concen: 19.259 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

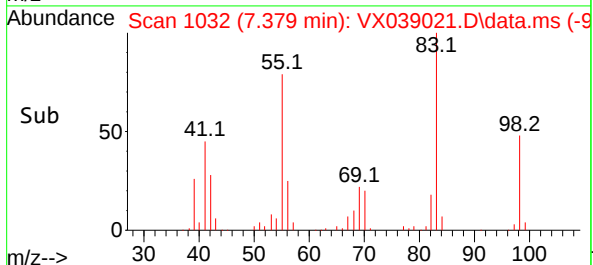
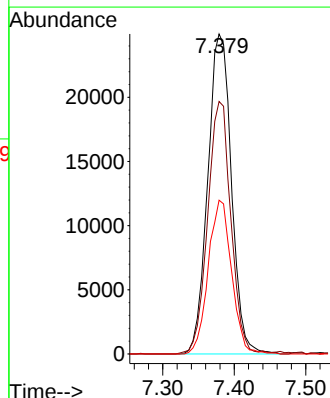
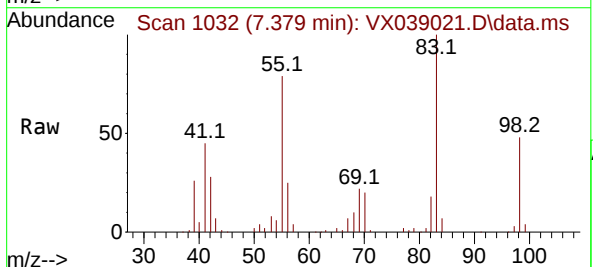
Tgt Ion: 83 Resp: 57291

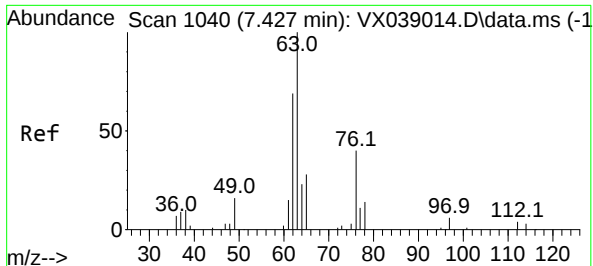
Ion Ratio Lower Upper

83 100

55 77.1 38.6 116.0

98 47.3 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.115 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

Tgt Ion: 63 Resp: 35062

Ion Ratio Lower Upper

63 100

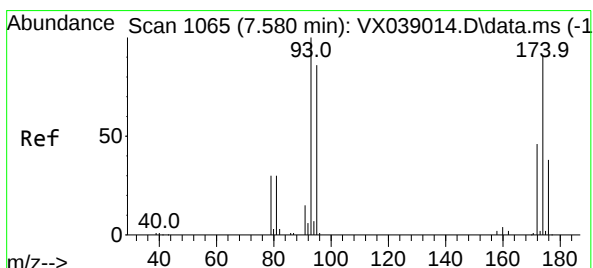
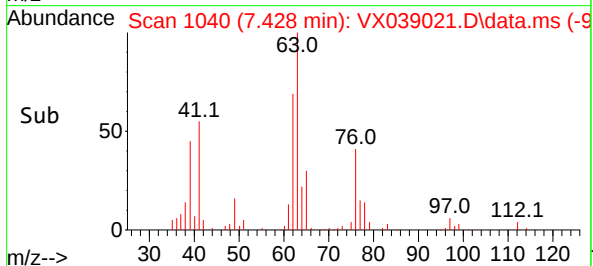
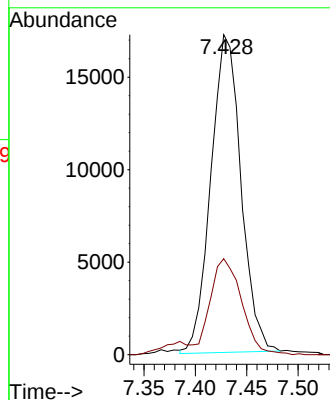
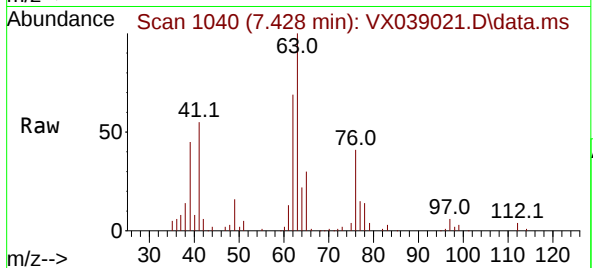
65 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 19.552 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

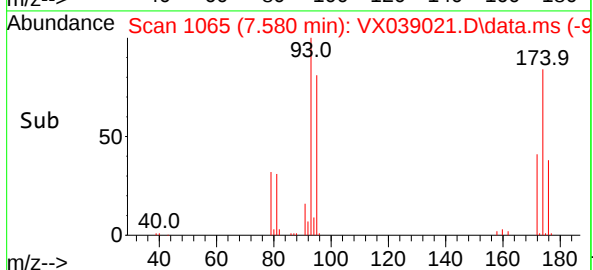
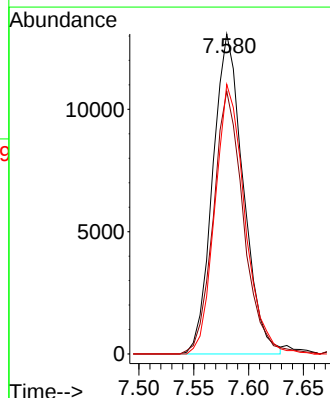
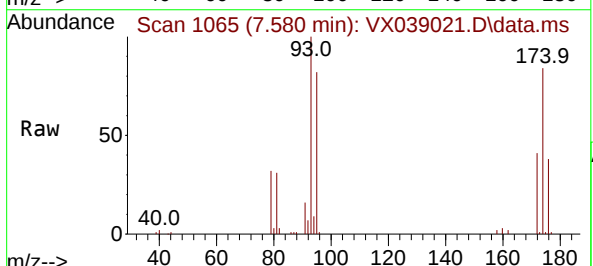
Tgt Ion: 93 Resp: 25339

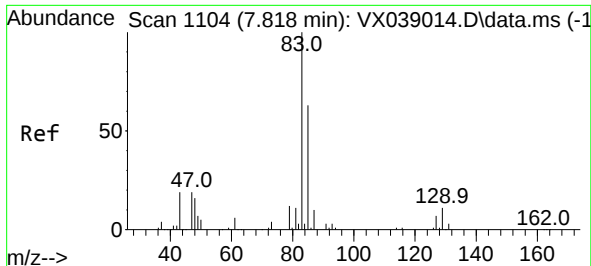
Ion Ratio Lower Upper

93 100

95 81.3 0.0 163.4

174 82.6 0.0 166.4





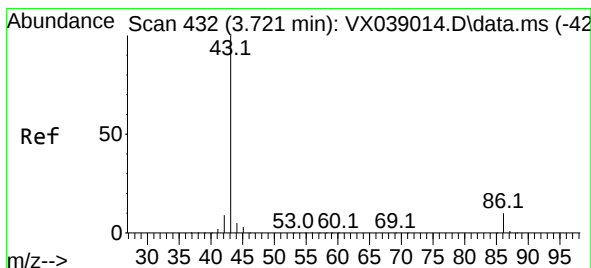
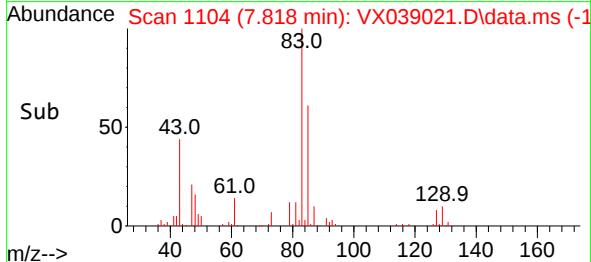
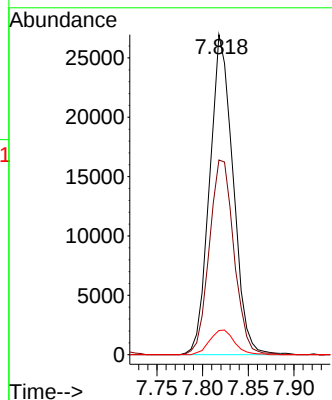
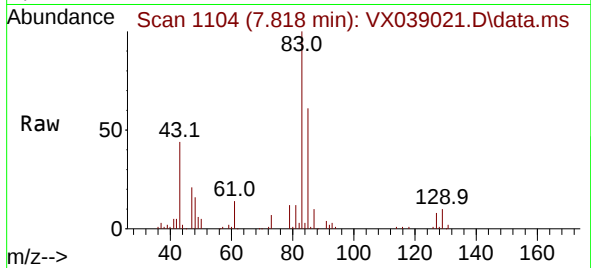
#41
Bromodichloromethane
Concen: 19.343 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423

Tgt Ion: 83 Resp: 48159
Ion Ratio Lower Upper
83 100
85 60.8 50.8 76.2
127 7.6 5.9 8.9

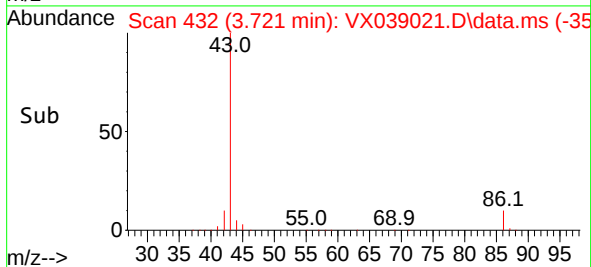
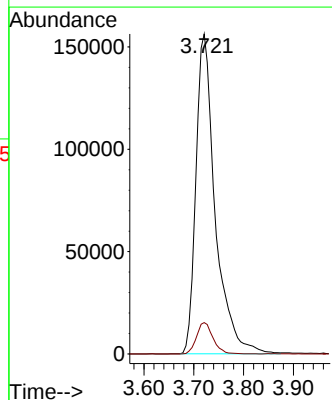
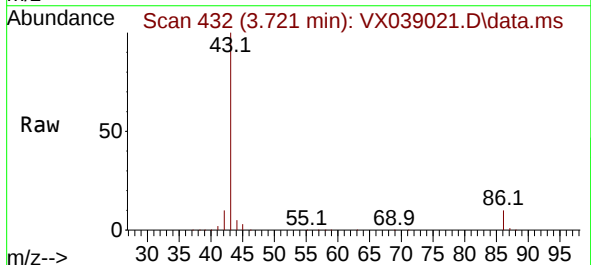
Manual Integrations
APPROVED

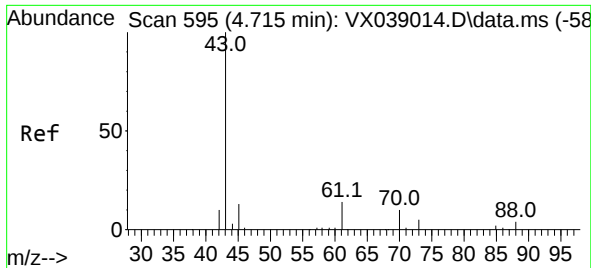
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 98.026 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 43 Resp: 419690
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





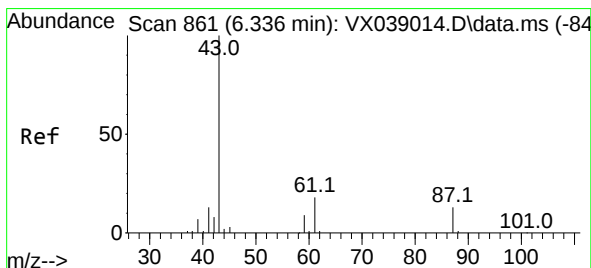
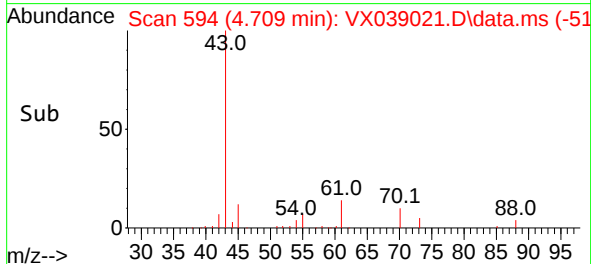
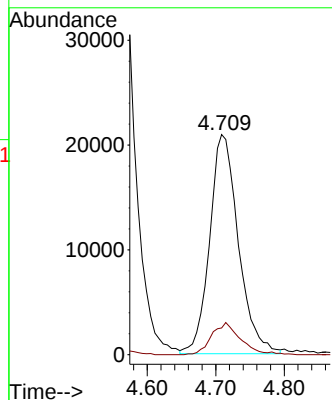
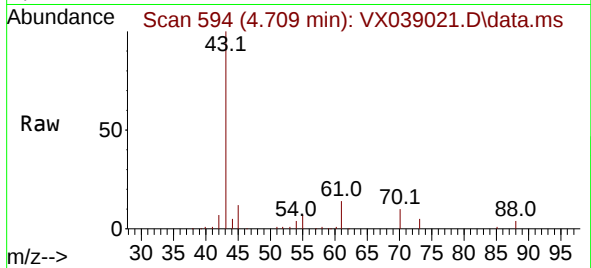
#43
Ethyl Acetate
Concen: 19.717 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion: 43 Resp: 60970
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.8

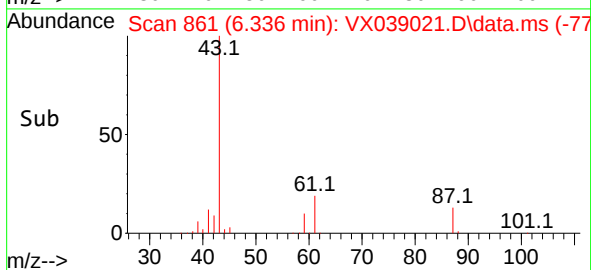
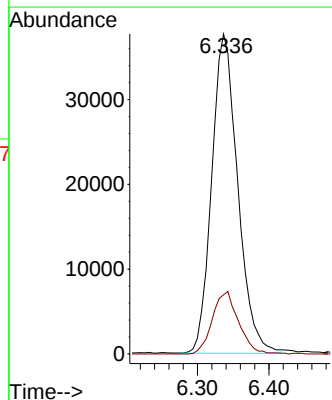
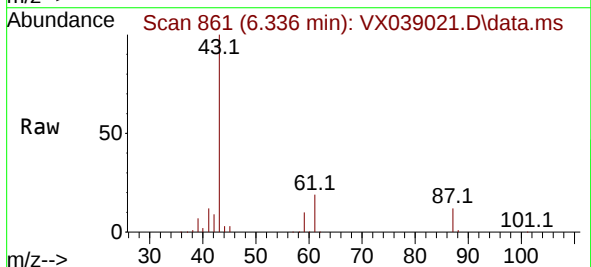
Manual Integrations
APPROVED

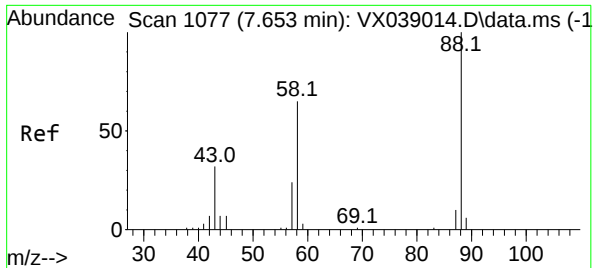
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#44
Isopropyl Acetate
Concen: 19.499 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 43 Resp: 95060
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4





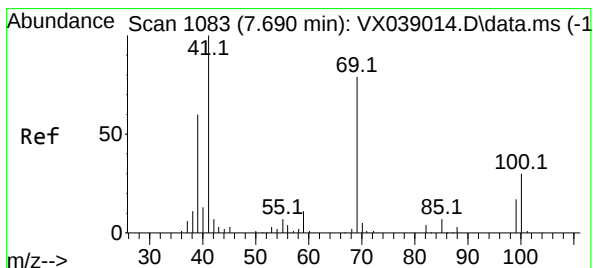
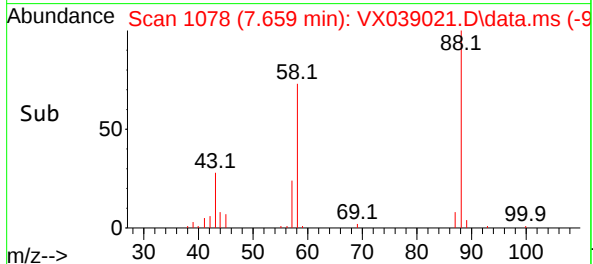
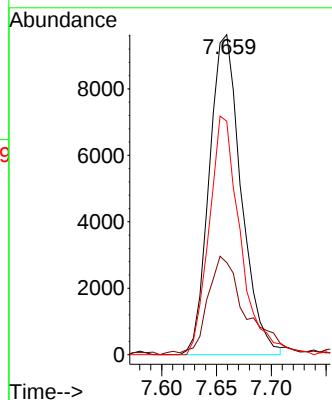
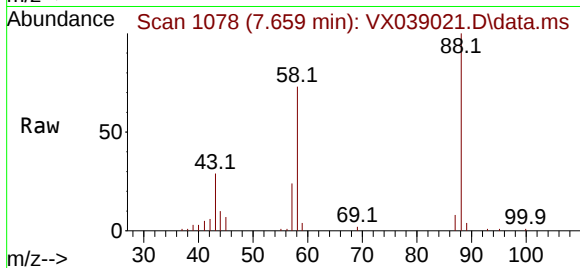
#45
1,4-Dioxane
Concen: 392.403 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423

Tgt Ion: 88 Resp: 19529
Ion Ratio Lower Upper
88 100
43 35.0 28.1 42.1
58 73.0 57.7 86.5

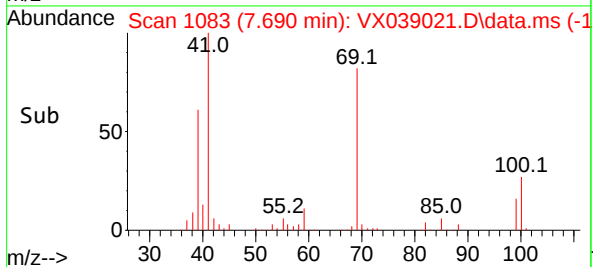
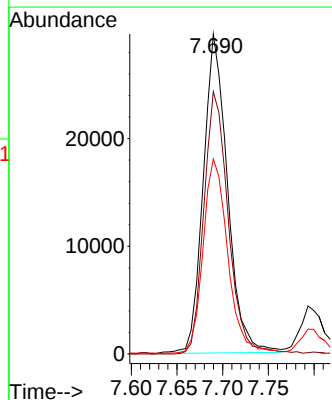
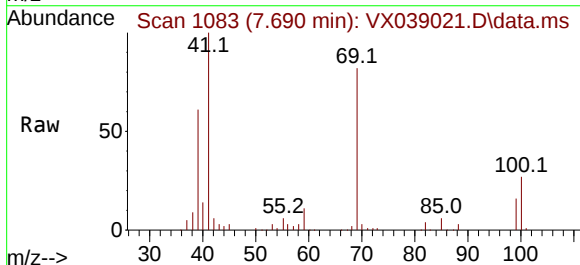
Manual Integrations
APPROVED

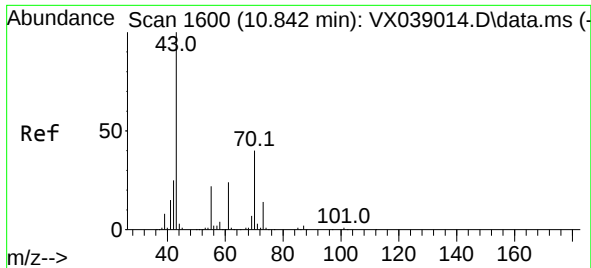
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 19.488 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

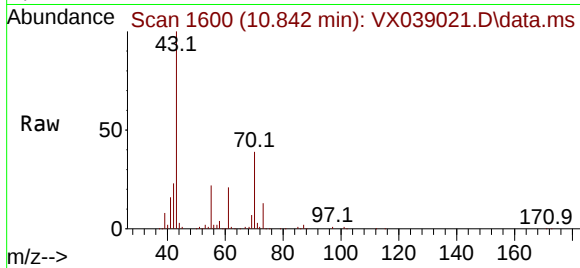
Tgt Ion: 41 Resp: 54319
Ion Ratio Lower Upper
41 100
69 82.9 39.6 118.8
39 61.3 30.1 90.3





#47
n-amyl acetate
Concen: 19.005 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

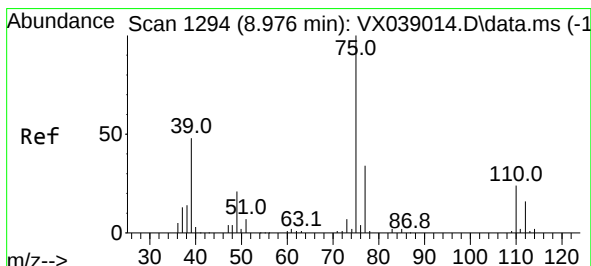
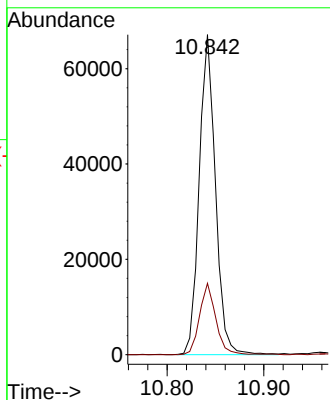
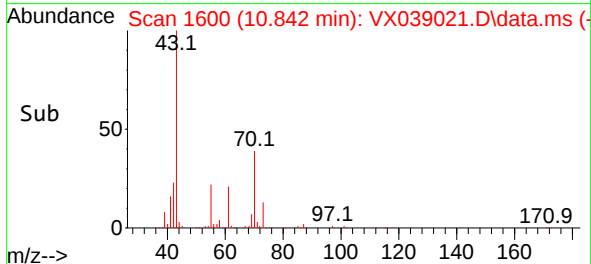
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



Tgt Ion: 43 Resp: 78419
Ion Ratio Lower Upper
43 100
55 22.2 18.2 27.2

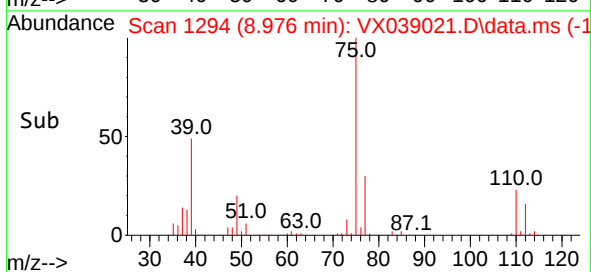
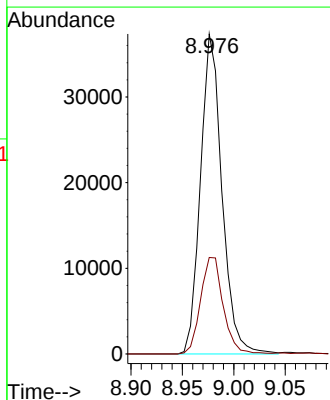
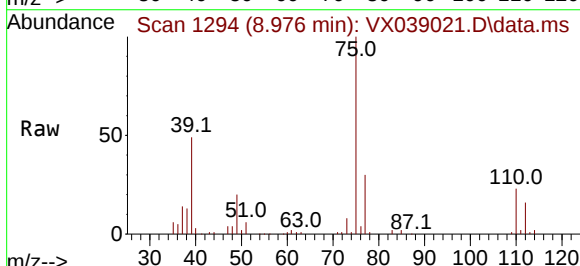
Manual Integrations
APPROVED

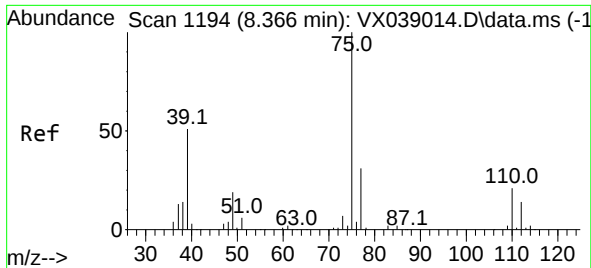
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 18.858 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 75 Resp: 54440
Ion Ratio Lower Upper
75 100
77 30.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.183 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

Tgt Ion: 75 Resp: 57130

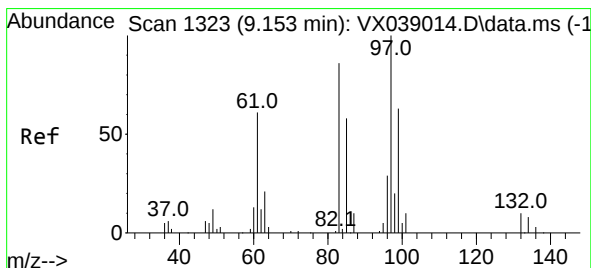
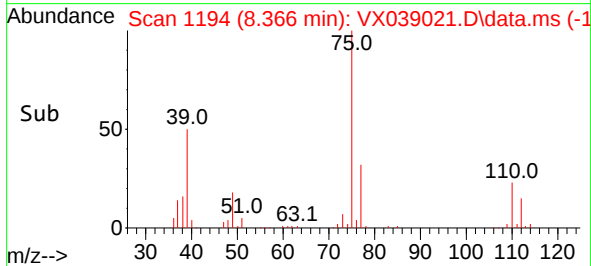
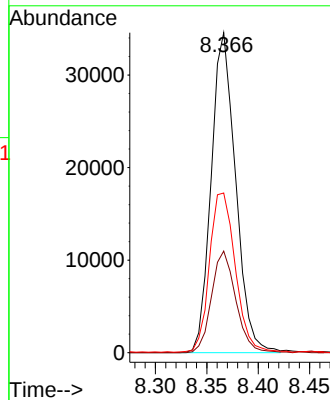
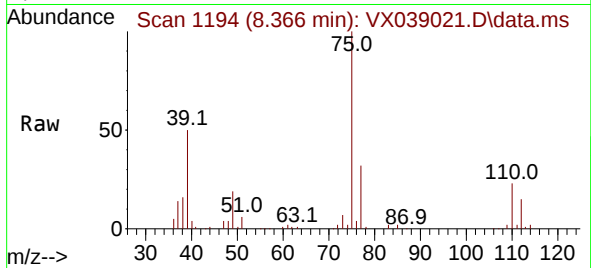
Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.4	36.6
39	49.7	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#50

1,1,2-Trichloroethane

Concen: 19.626 ug/l

RT: 9.153 min Scan# 1323

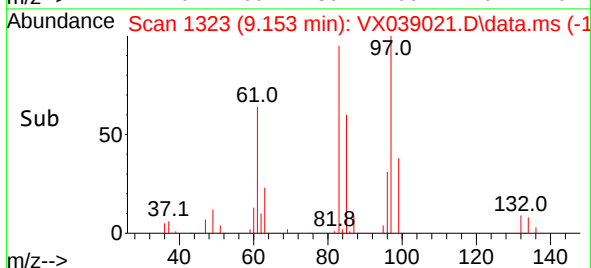
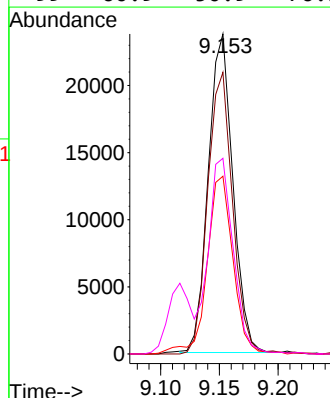
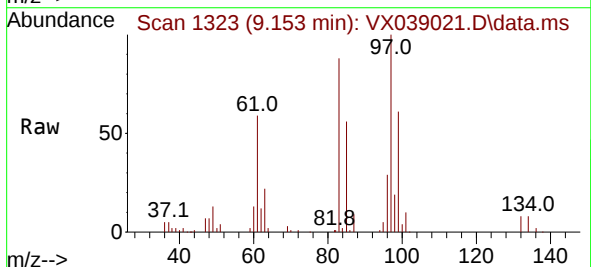
Delta R.T. 0.000 min

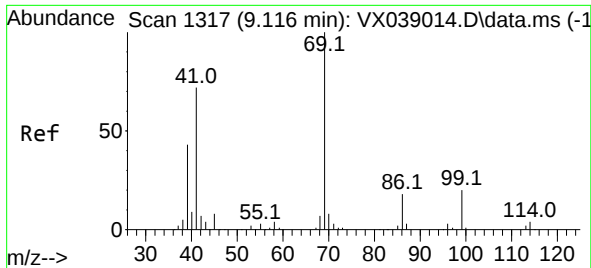
Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Tgt Ion: 97 Resp: 34551

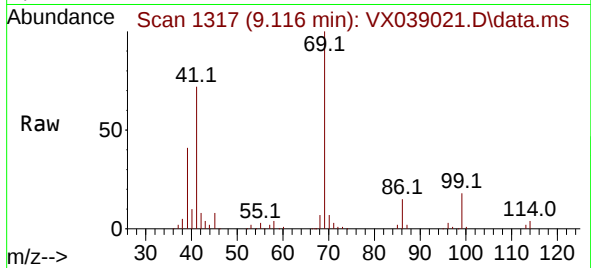
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.0	103.6
85	55.2	46.3	69.5
99	60.9	50.9	76.3





#51
Ethyl methacrylate
Concen: 19.582 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

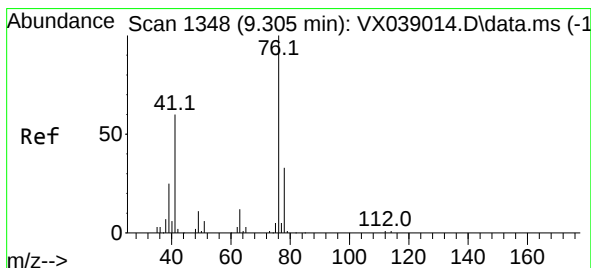
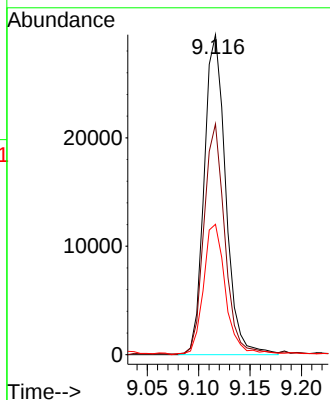
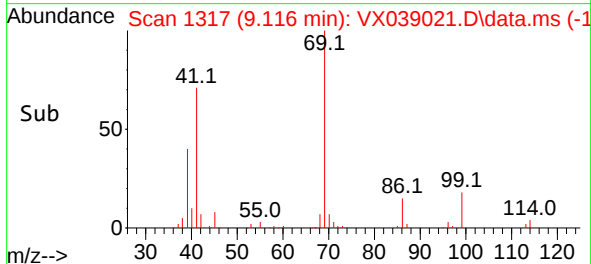
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423



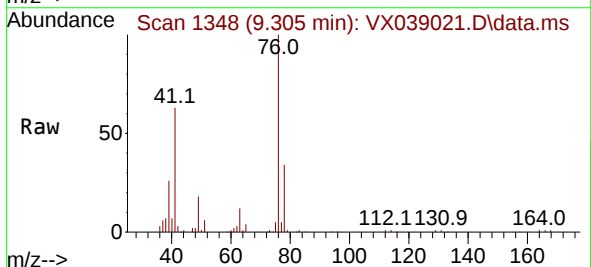
Tgt Ion: 69 Resp: 43154
Ion Ratio Lower Upper
69 100
41 71.8 36.2 108.6
39 40.4 21.1 63.4

Manual Integrations
APPROVED

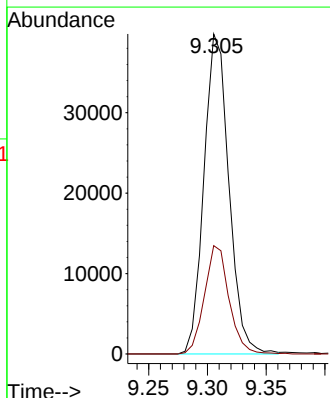
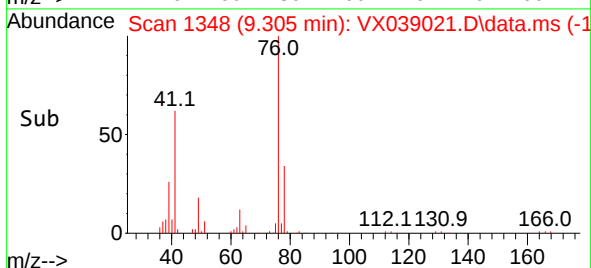
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

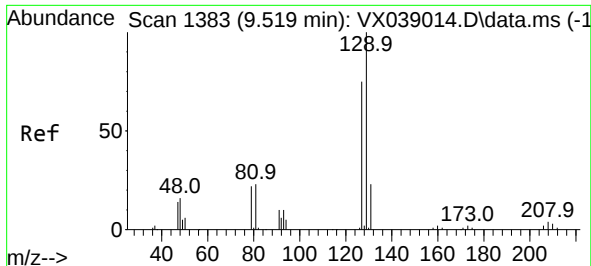


#52
1,3-Dichloropropane
Concen: 19.494 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



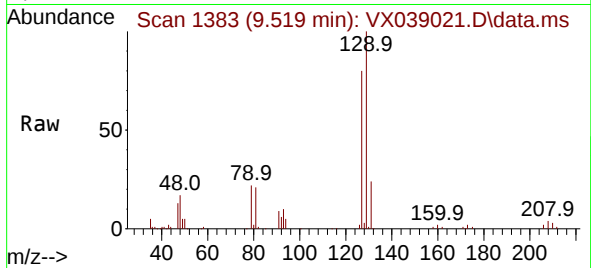
Tgt Ion: 76 Resp: 58846
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.0





#53
Dibromochloromethane
Concen: 18.925 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

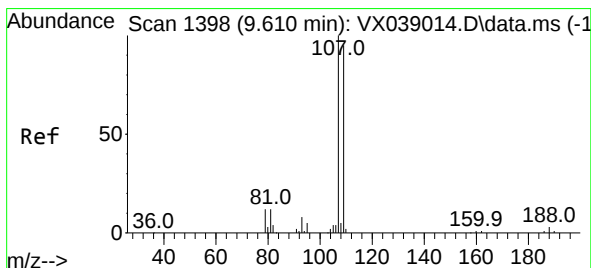
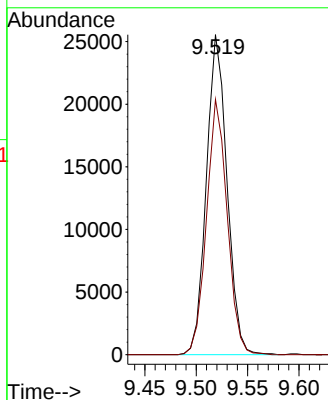
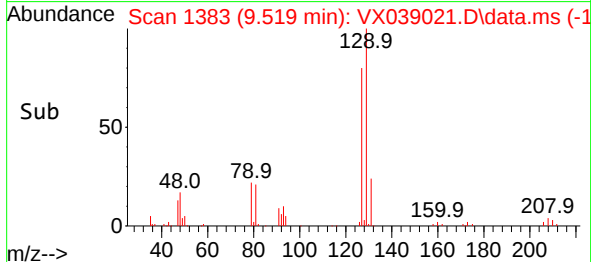
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423



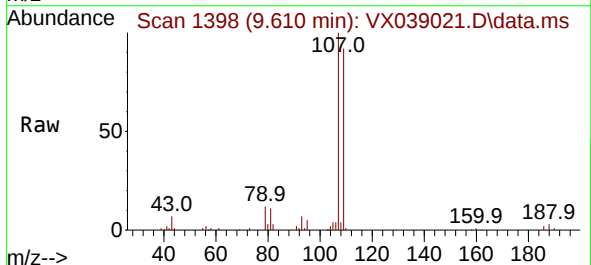
Tgt Ion:129 Resp: 3578
Ion Ratio Lower Upper
129 100
127 79.9 38.3 114.9

Manual Integrations
APPROVED

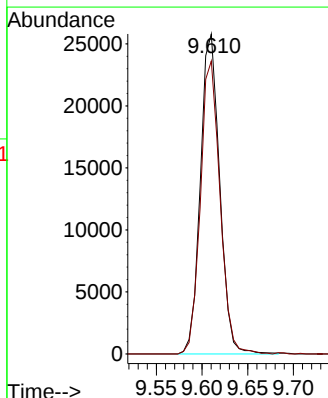
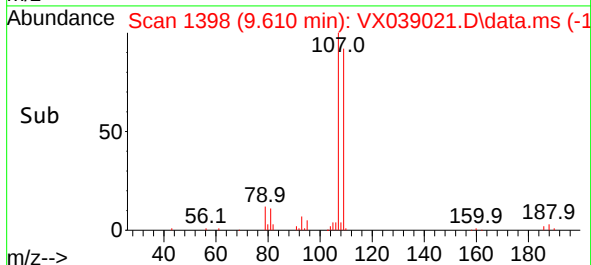
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

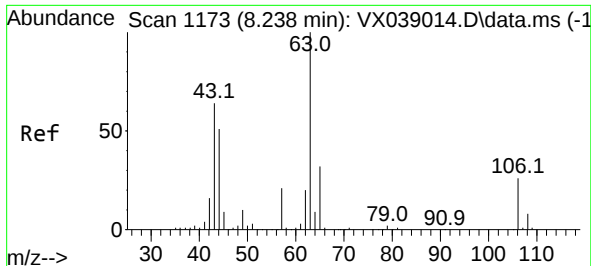


#54
1,2-Dibromoethane
Concen: 19.582 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



Tgt Ion:107 Resp: 37806
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7





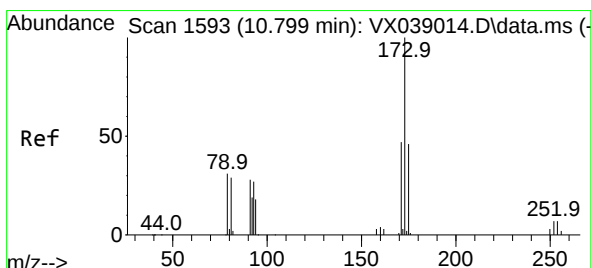
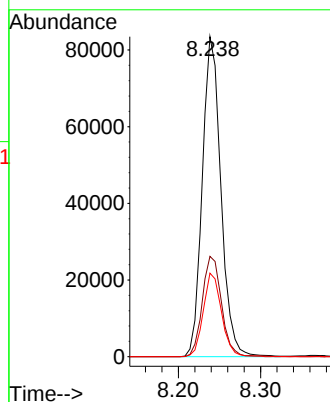
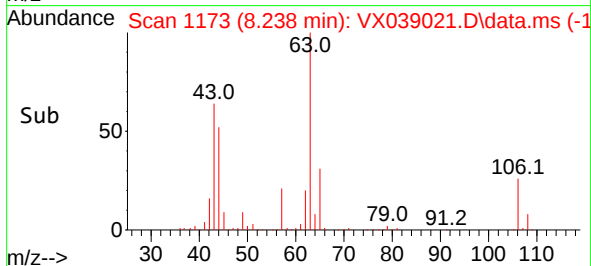
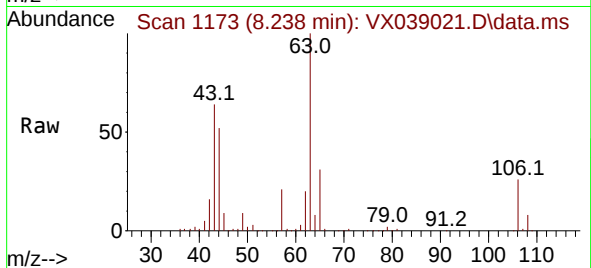
#55
2-Chloroethyl vinyl ether
Concen: 94.085 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423

Tgt Ion: 63 Resp: 13142
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 25.5 20.6 31.0

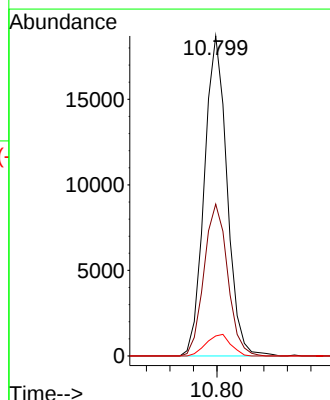
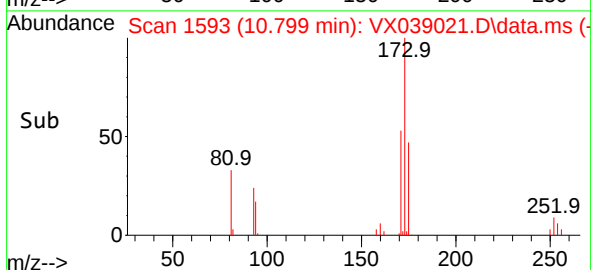
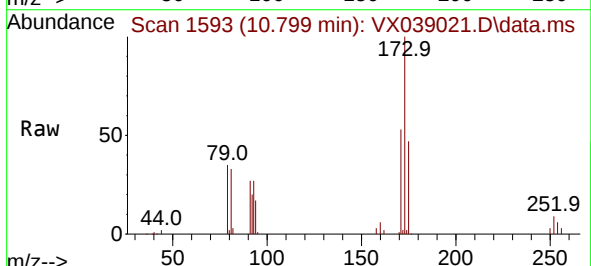
Manual Integrations
APPROVED

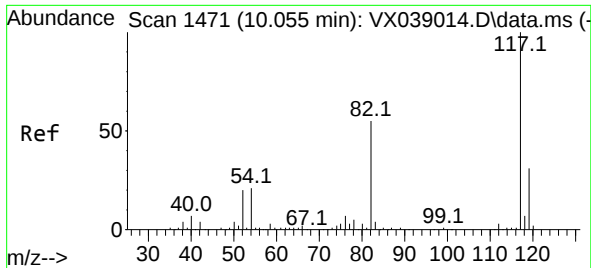
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 18.357 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion:173 Resp: 25050
Ion Ratio Lower Upper
173 100
175 49.5 37.6 56.4
254 7.3 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

Tgt Ion: 117 Resp: 107117

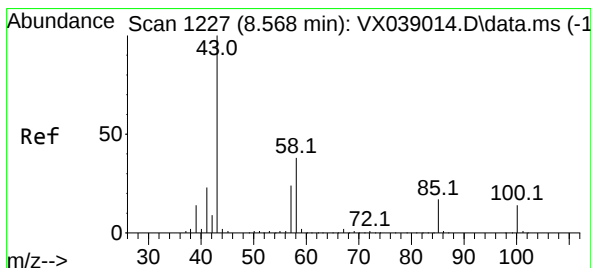
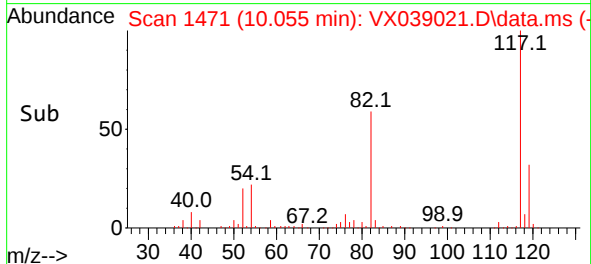
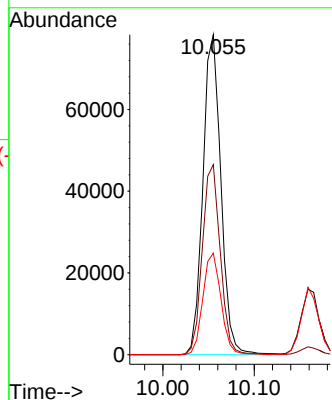
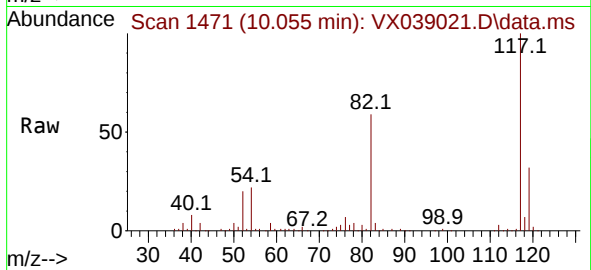
Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.0	70.6
119	32.0	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#58

4-Methyl-2-Pentanone

Concen: 99.115 ug/l

RT: 8.574 min Scan# 1228

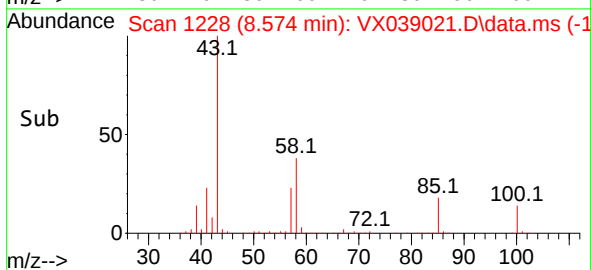
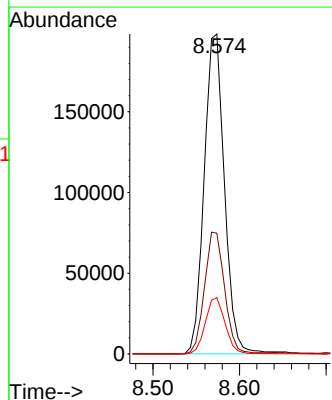
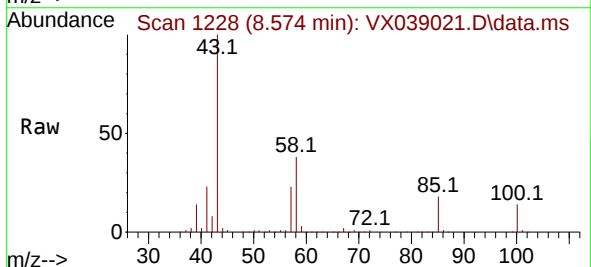
Delta R.T. 0.006 min

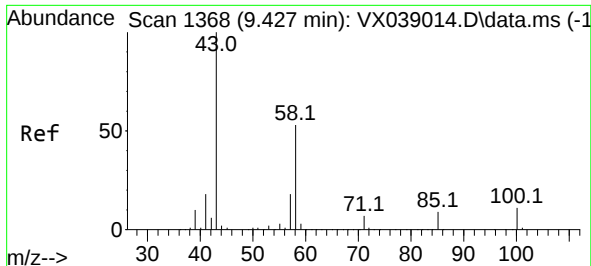
Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Tgt Ion: 43 Resp: 321956

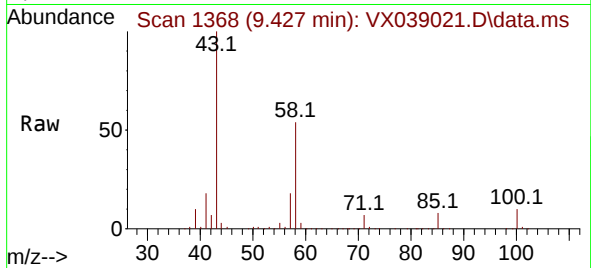
Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.1	45.1
85	17.4	13.9	20.9





#59
2-Hexanone
Concen: 96.877 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

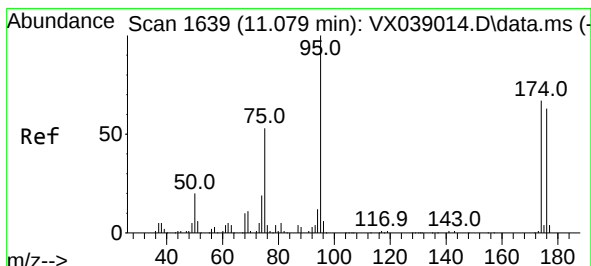
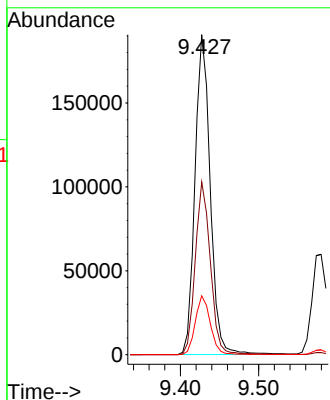
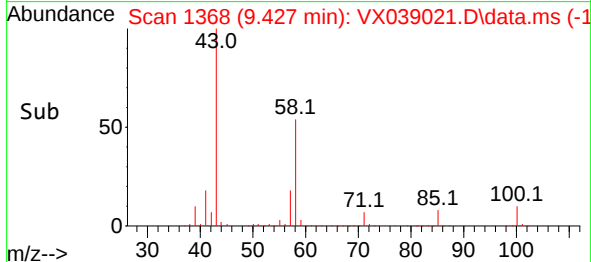
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



Tgt Ion: 43 Resp: 25830
Ion Ratio Lower Upper
43 100
58 53.2 42.7 64.1
57 18.2 14.8 22.2

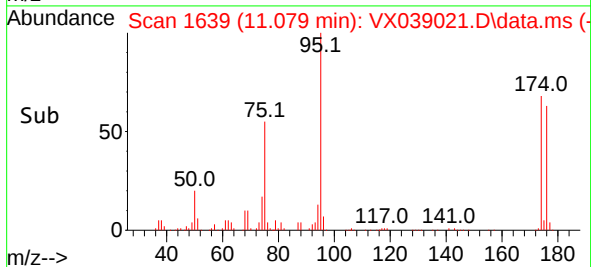
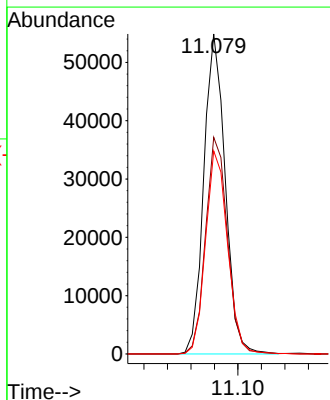
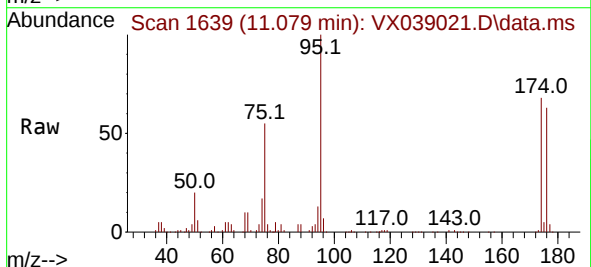
Manual Integrations
APPROVED

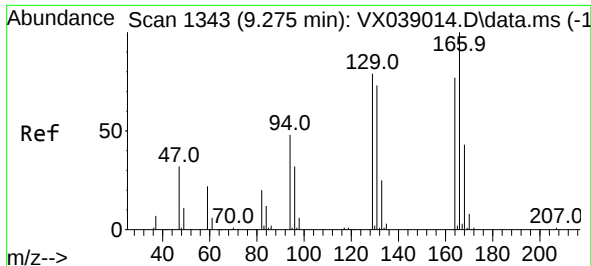
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#60
4-Bromofluorobenzene
Concen: 29.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 95 Resp: 69385
Ion Ratio Lower Upper
95 100
174 69.0 55.4 83.2
176 65.3 52.6 78.8





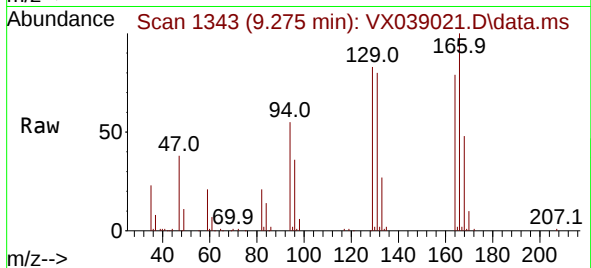
#61
Tetrachloroethene
Concen: 19.817 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423



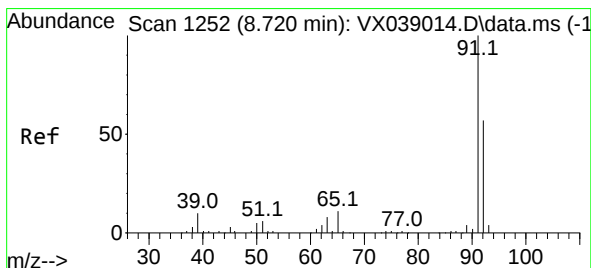
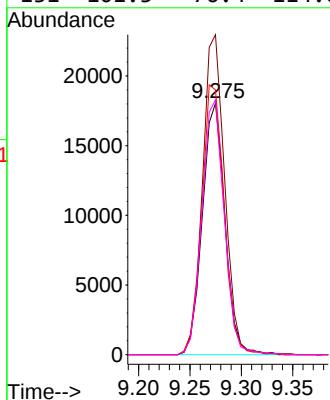
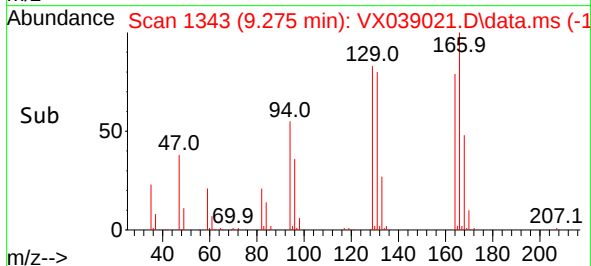
Tgt Ion:164 Resp: 27599
Ion Ratio Lower Upper
164 100
166 127.2 104.0 156.0
129 105.3 82.0 123.0
131 101.3 76.4 114.6

Manual Integrations

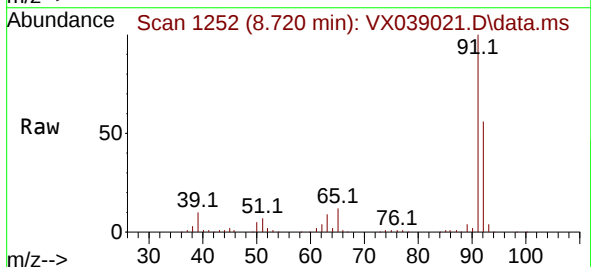
APPROVED

Reviewed By :John Carlone 11/27/2023

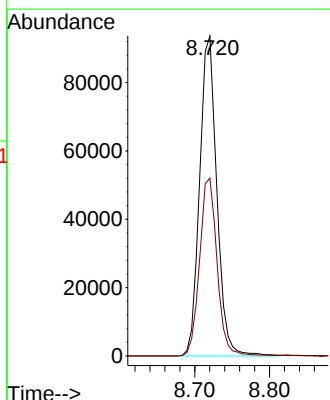
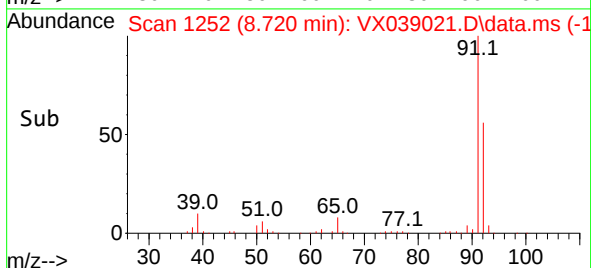
Supervised By :Mahesh Dadoda 11/27/2023

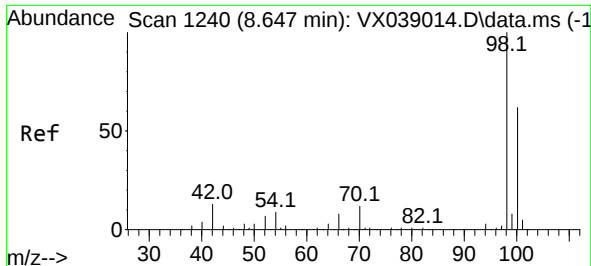


#62
Toluene
Concen: 19.704 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



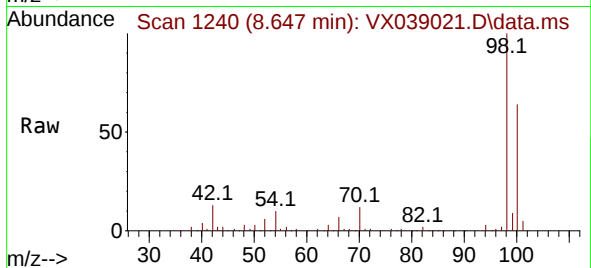
Tgt Ion: 91 Resp: 149845
Ion Ratio Lower Upper
91 100
92 56.4 45.9 68.9





#63
Toluene-d8
Concen: 30.402 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

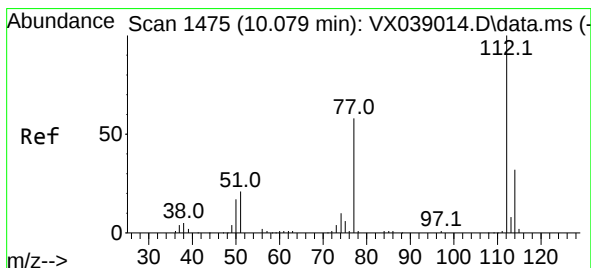
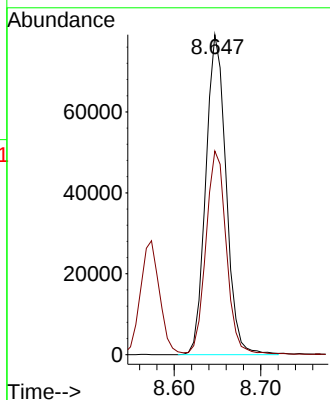
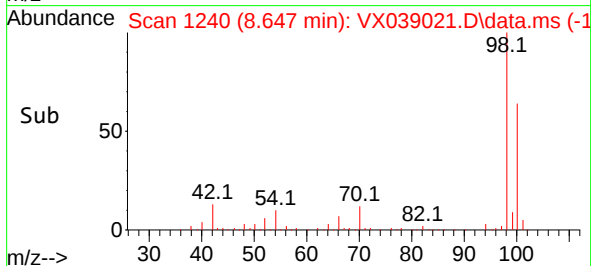
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



Tgt Ion: 98 Resp: 128754
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4

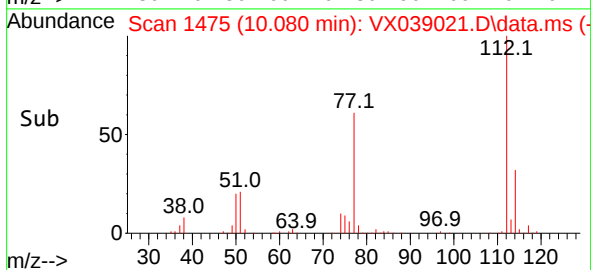
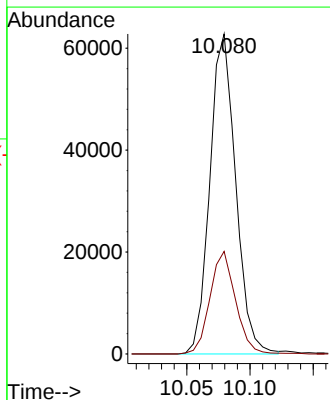
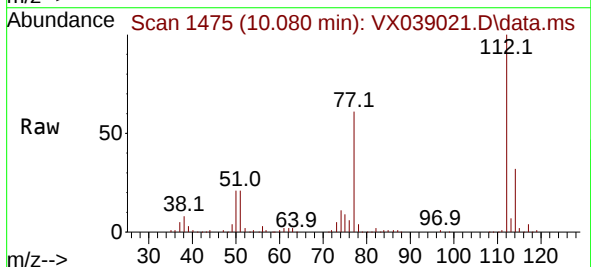
Manual Integrations
APPROVED

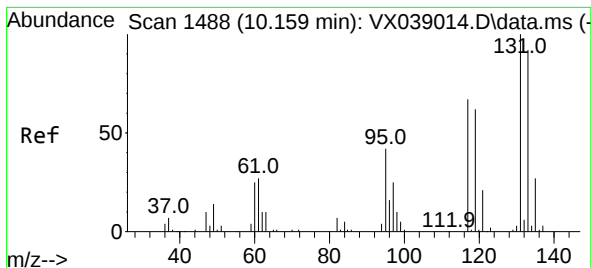
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#64
Chlorobenzene
Concen: 19.265 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion:112 Resp: 89120
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9





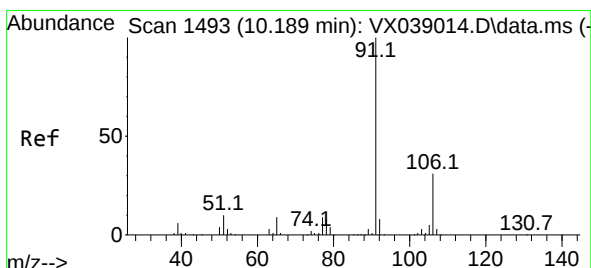
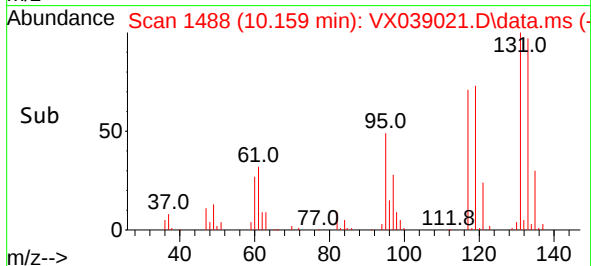
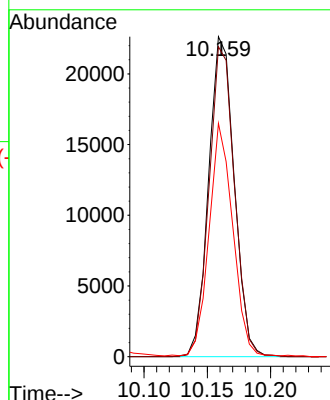
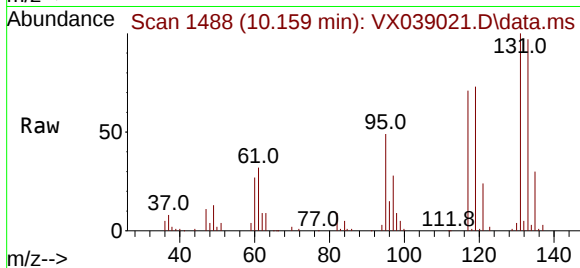
#65
1,1,1,2-Tetrachloroethane
Concen: 19.101 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion:131 Resp: 3182
Ion Ratio Lower Upper
131 100
133 96.4 0.0 191.8
119 68.2 0.0 135.4

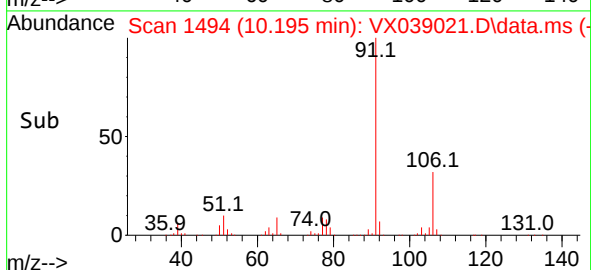
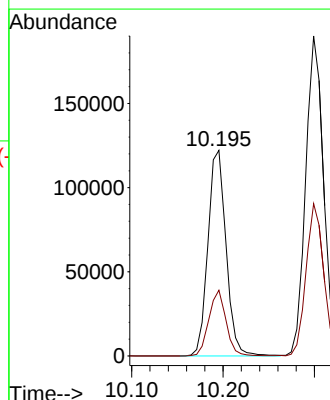
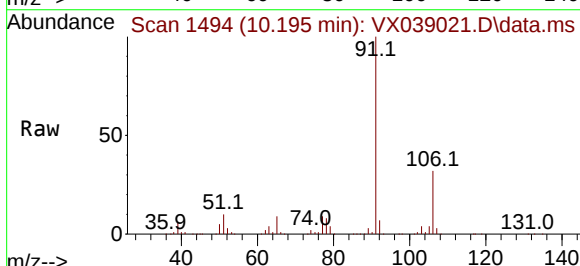
Manual Integrations
APPROVED

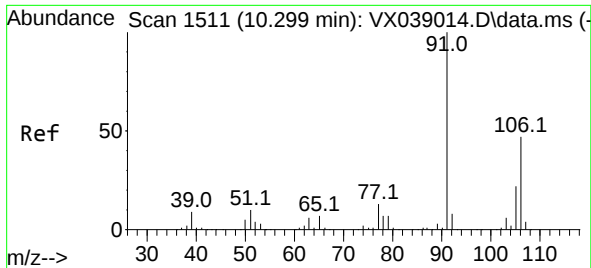
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 19.434 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 91 Resp: 168295
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6





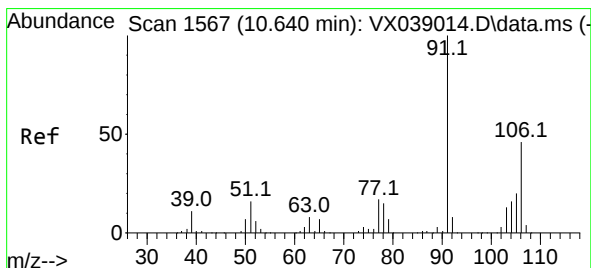
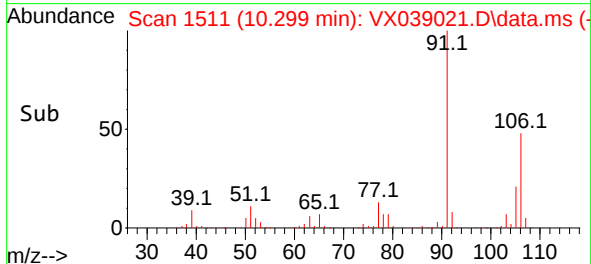
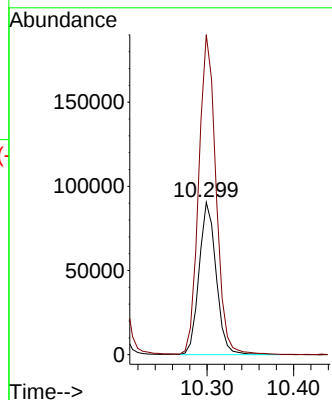
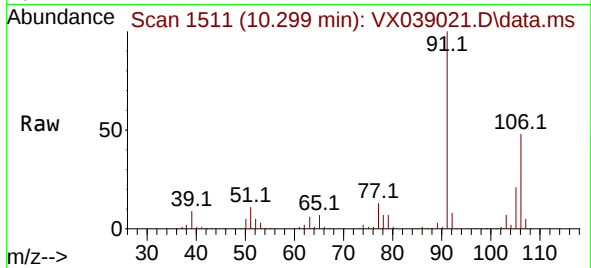
#67
m/p-Xylenes
Concen: 38.644 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion:106 Resp: 12365
Ion Ratio Lower Upper
106 100
91 212.4 169.4 254.0

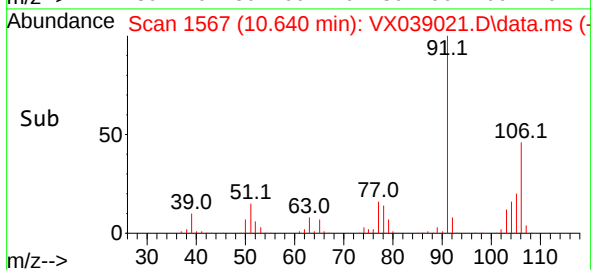
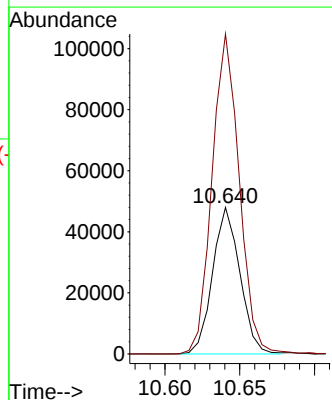
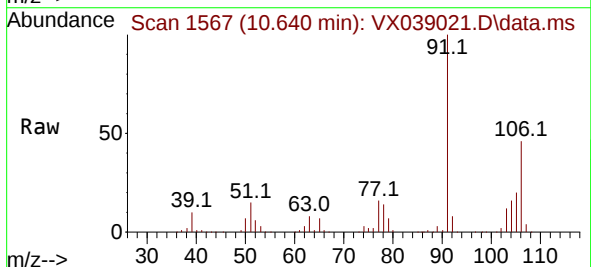
Manual Integrations
APPROVED

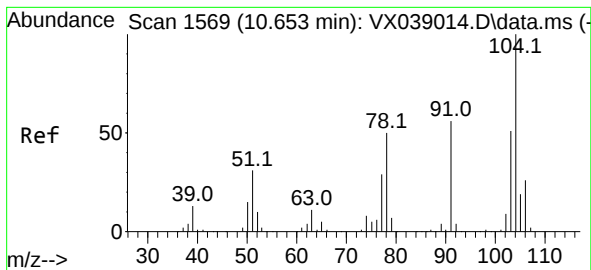
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 19.672 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion:106 Resp: 60978
Ion Ratio Lower Upper
106 100
91 217.4 111.2 333.6





#69

Styrene

Concen: 19.211 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

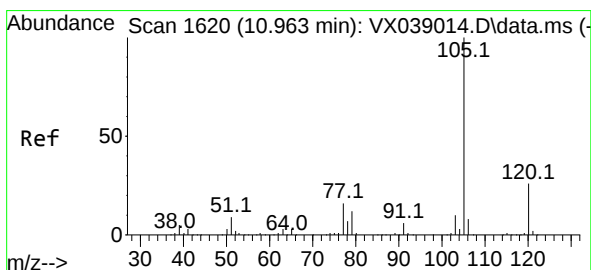
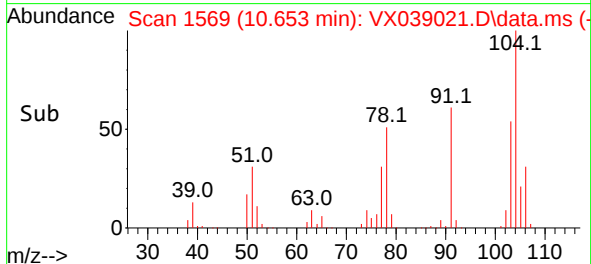
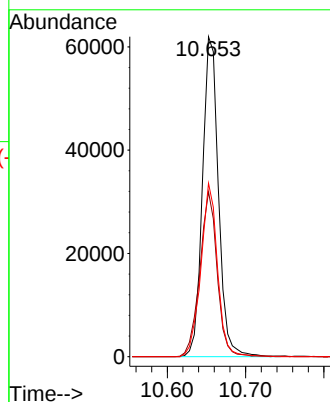
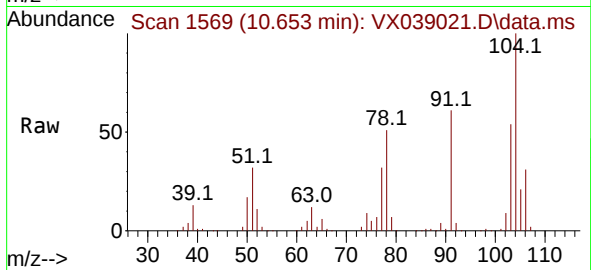
Tgt Ion:104	Resp:	8812
Ion Ratio	Lower	Upper
104	100	
78	55.5	43.7 65.5
103	56.1	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 19.191 ug/l

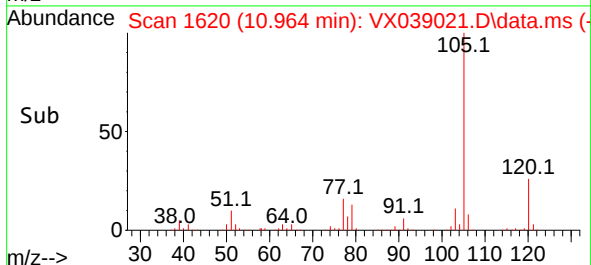
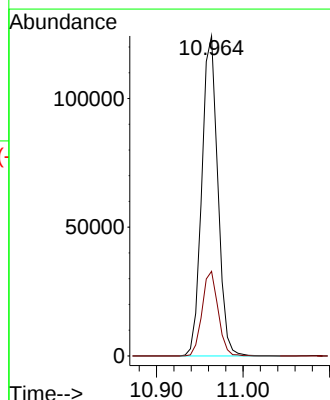
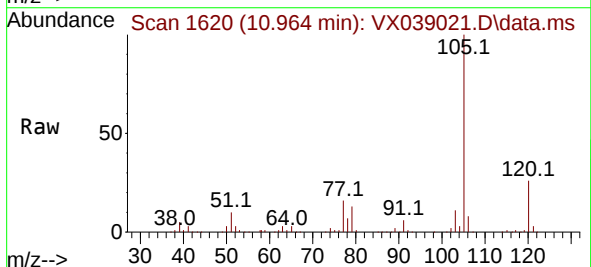
RT: 10.964 min Scan# 1620

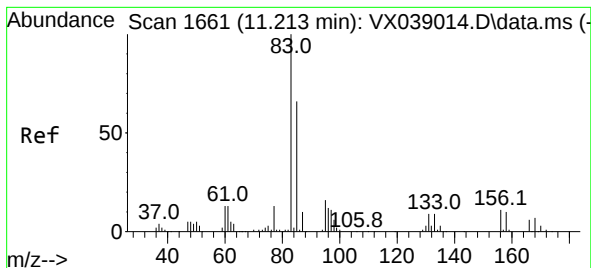
Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Tgt Ion:105	Resp:	159159
Ion Ratio	Lower	Upper
105	100	
120	26.4	18.5 34.3





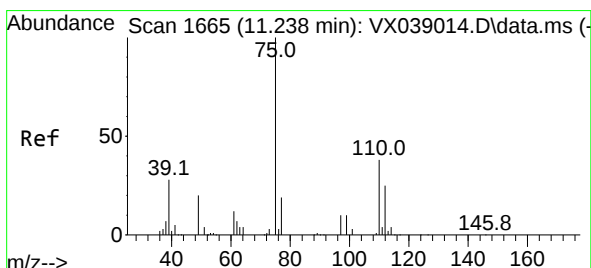
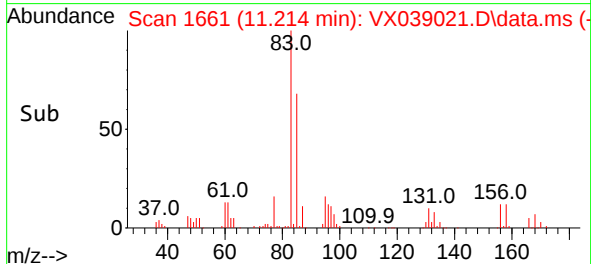
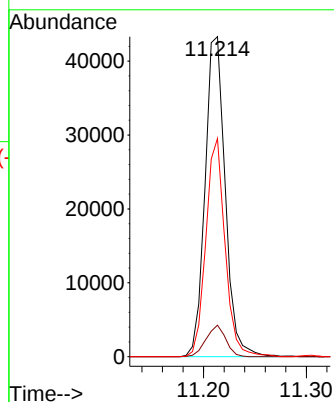
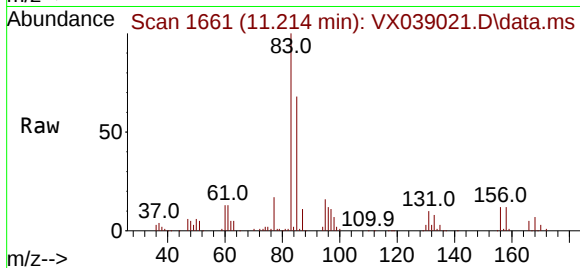
#71
1,1,2,2-Tetrachloroethane
Concen: 19.157 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion: 83 Resp: 59309
Ion Ratio Lower Upper
83 100
131 9.6 4.6 13.8
85 64.9 32.5 97.4

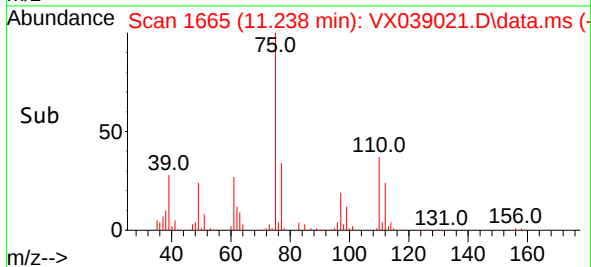
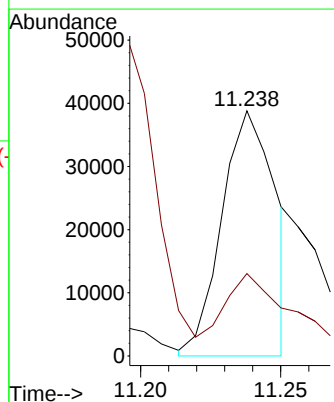
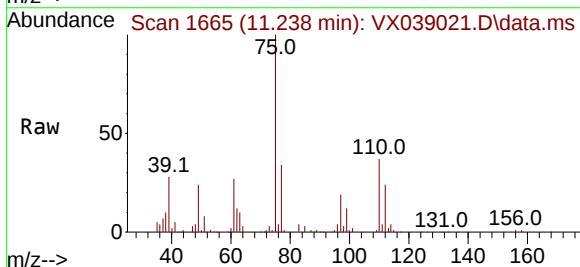
Manual Integrations
APPROVED

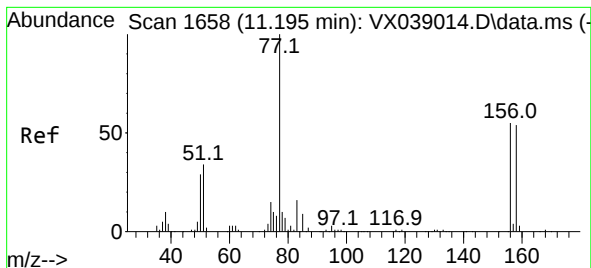
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 19.715 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 75 Resp: 51649
Ion Ratio Lower Upper
75 100
77 44.0 0.0 76.4





#73

Bromobenzene

Concen: 19.181 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

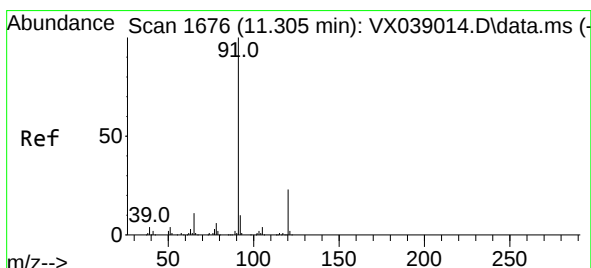
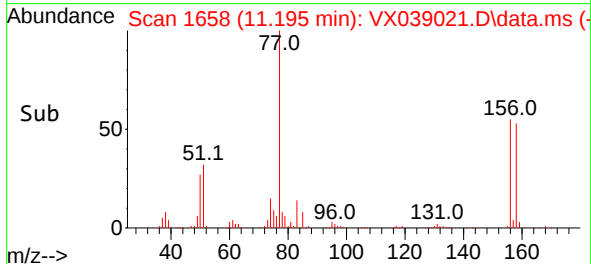
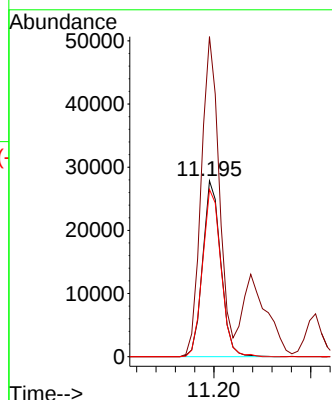
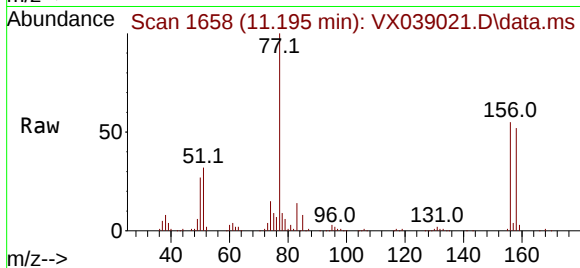
Tgt Ion:	156	Resp:	3621
Ion Ratio	Lower	Upper	
156	100		
77	181.2	0.0	363.2
158	97.3	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 19.124 ug/l

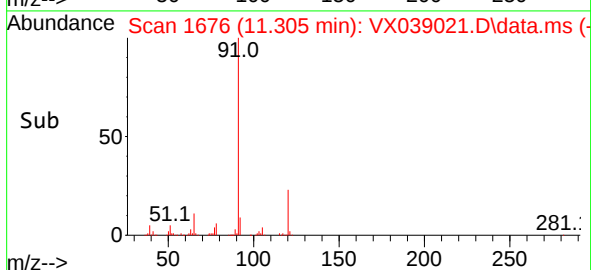
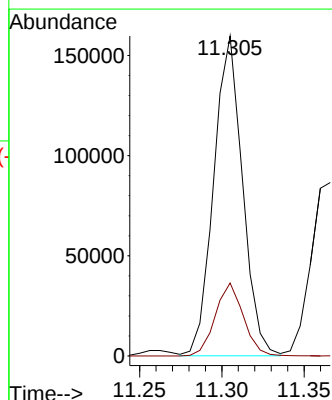
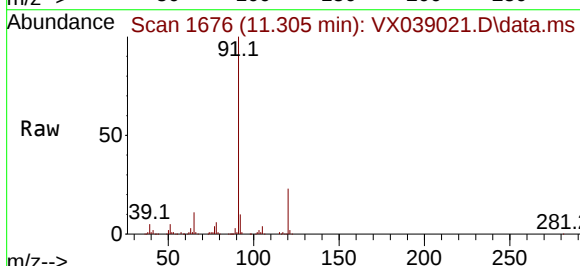
RT: 11.305 min Scan# 1676

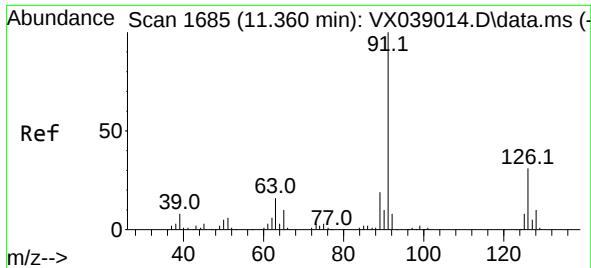
Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Tgt Ion:	91	Resp:	194313
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	43.4





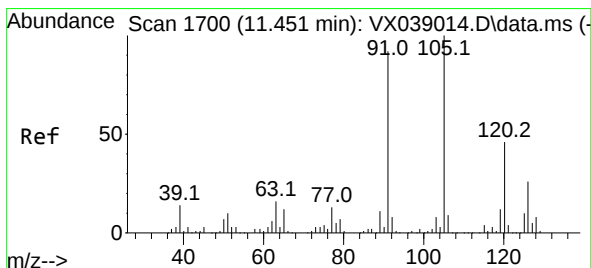
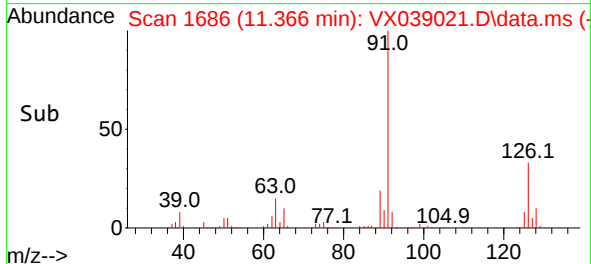
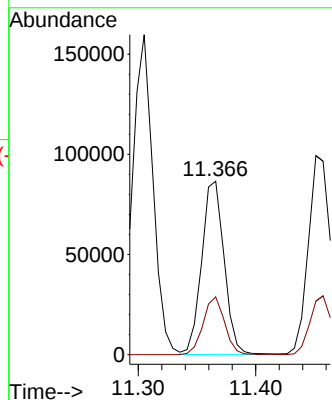
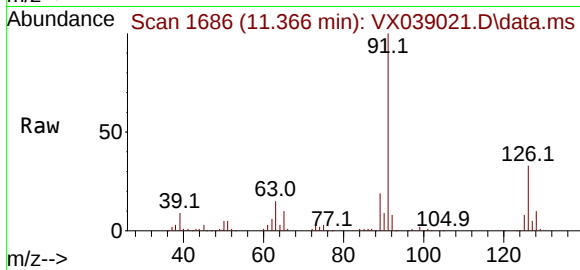
#75
2-Chlorotoluene
Concen: 19.273 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion: 91 Resp: 11489
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.2

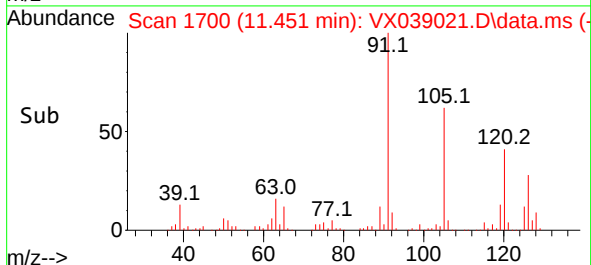
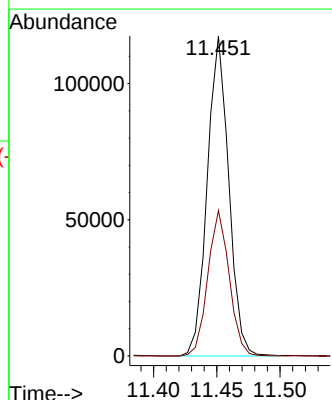
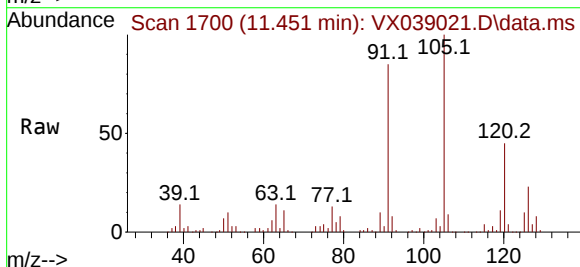
Manual Integrations
APPROVED

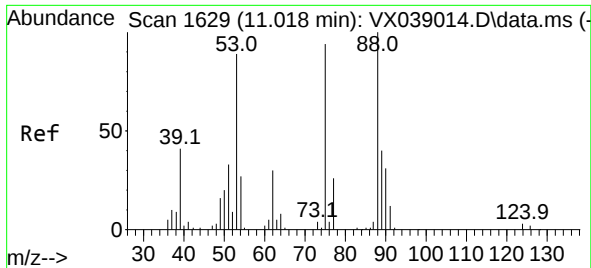
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.422 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

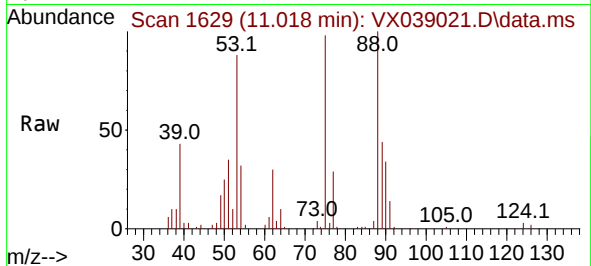
Tgt Ion:105 Resp: 138767
Ion Ratio Lower Upper
105 100
120 45.3 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.399 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

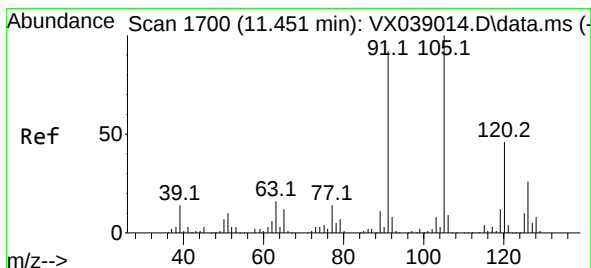
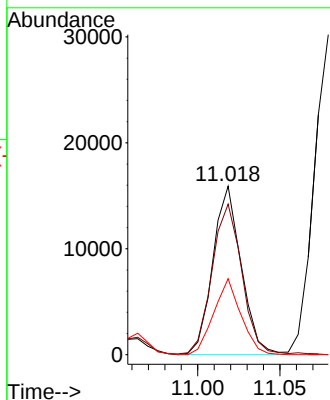
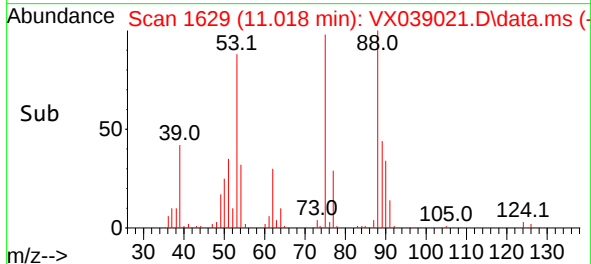
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112423



Tgt Ion: 75 Resp: 19100
Ion Ratio Lower Upper
75 100
53 88.9 46.9 140.8
89 45.1 21.3 63.7

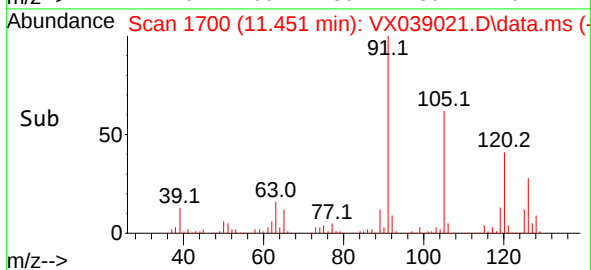
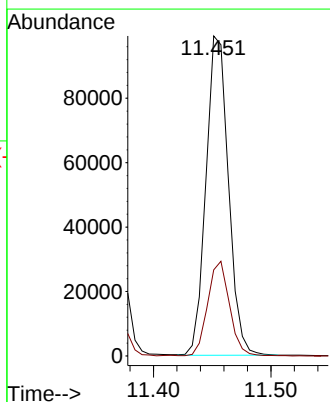
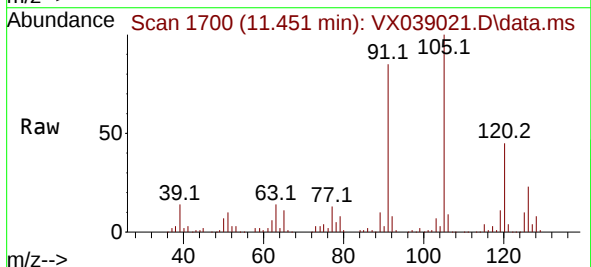
Manual Integrations
APPROVED

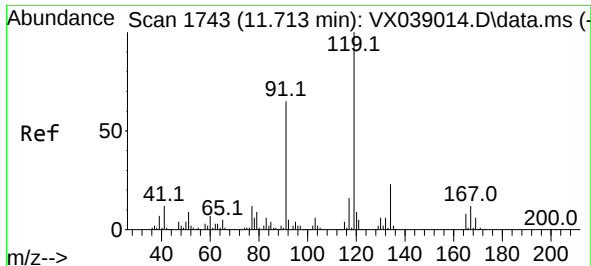
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 18.808 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Tgt Ion: 91 Resp: 131824
Ion Ratio Lower Upper
91 100
126 28.9 0.0 57.4





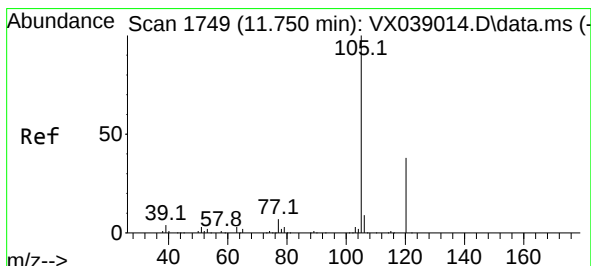
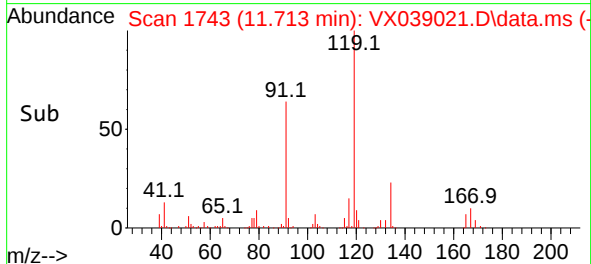
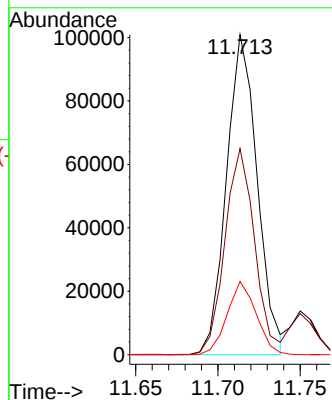
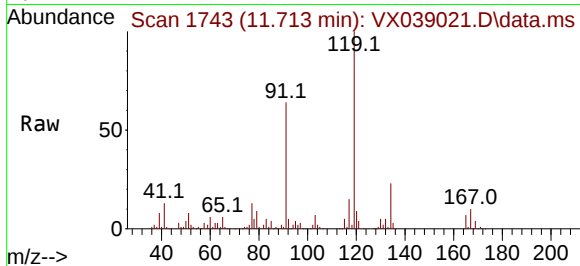
#79
tert-butylbenzene
Concen: 19.360 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX112423

Tgt Ion:119 Resp: 131530
Ion Ratio Lower Upper
119 100
91 62.4 0.0 125.6
134 21.7 0.0 43.8

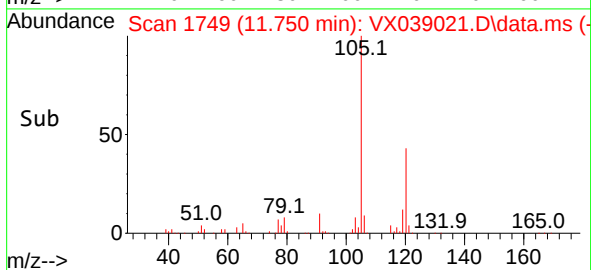
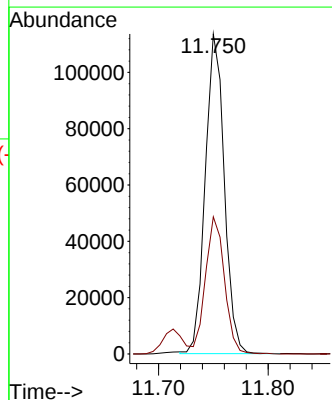
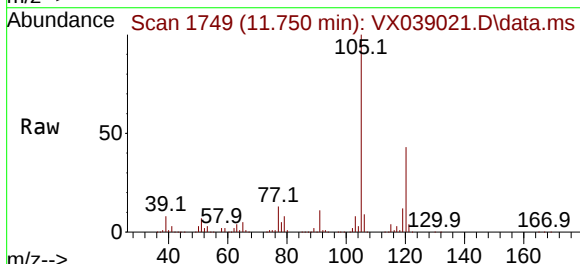
Manual Integrations
APPROVED

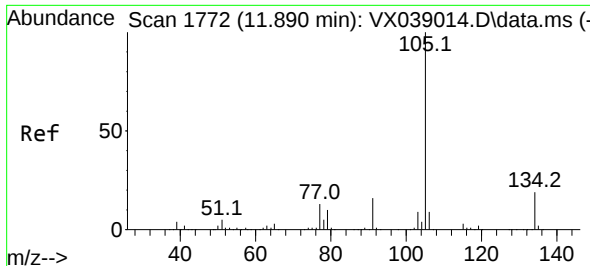
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.096 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

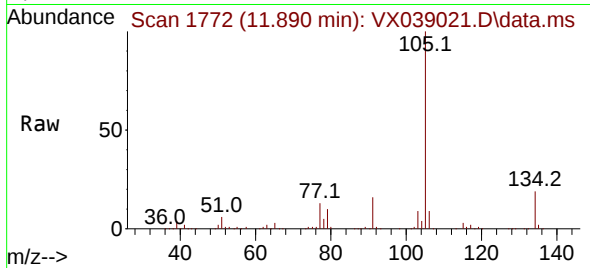
Tgt Ion:105 Resp: 136547
Ion Ratio Lower Upper
105 100
120 42.6 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.100 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039021.D
 Acq: 24 Nov 2023 13:37

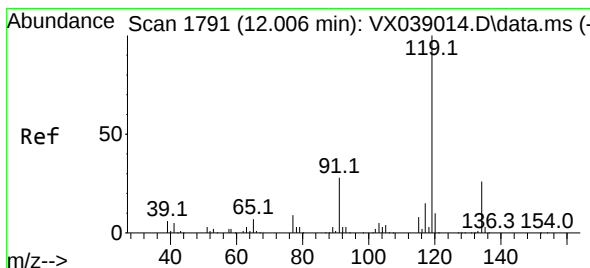
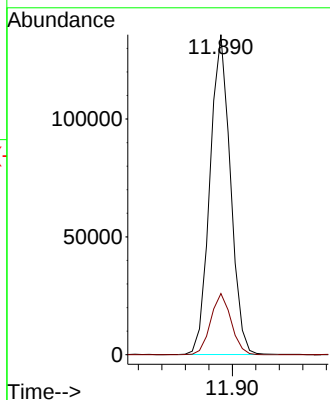
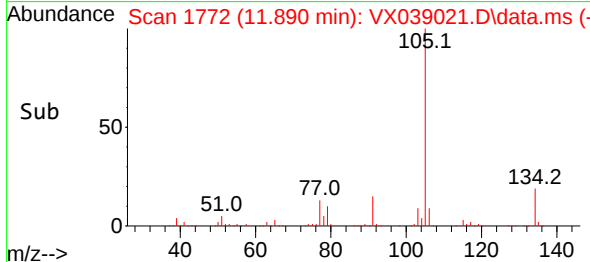
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112423



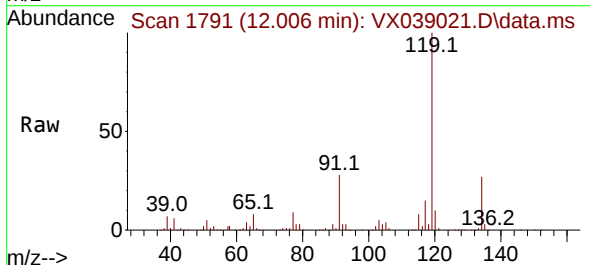
Tgt Ion:105 Resp: 164040
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.4

Manual Integrations
 APPROVED

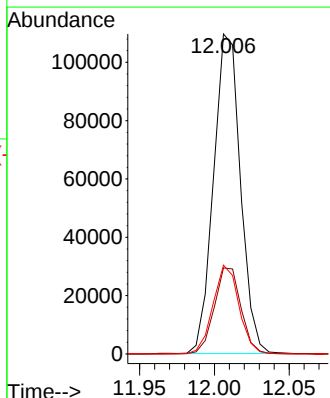
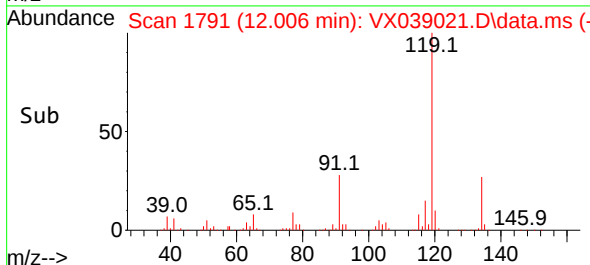
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

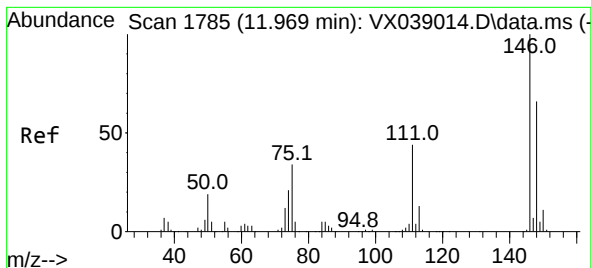


#82
 p-Isopropyltoluene
 Concen: 18.846 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039021.D
 Acq: 24 Nov 2023 13:37



Tgt Ion:119 Resp: 137180
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.6
 91 26.9 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.225 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

Tgt Ion:146 Resp: 69469

Ion Ratio Lower Upper

146 100

111 44.1 22.3 66.9

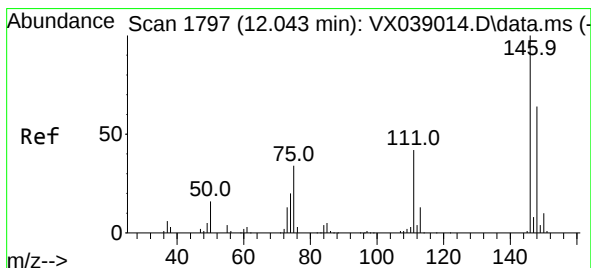
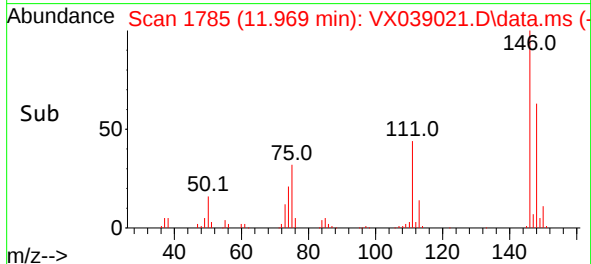
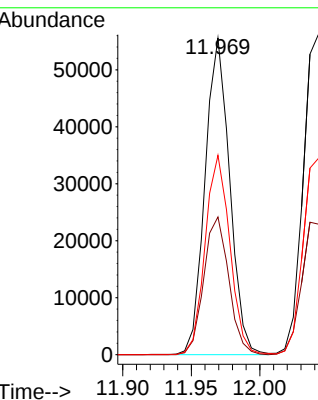
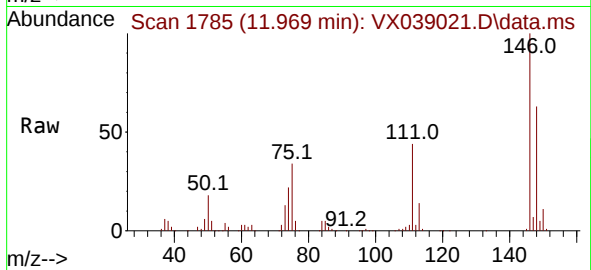
148 63.3 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#84

1,4-Dichlorobenzene

Concen: 19.120 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

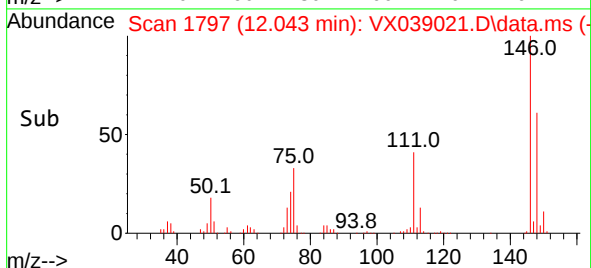
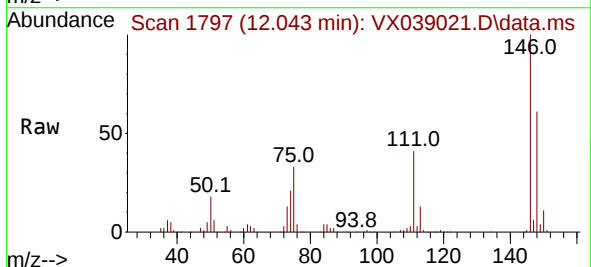
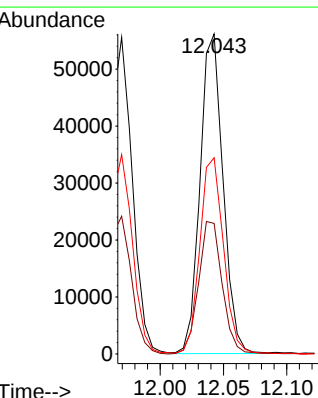
Tgt Ion:146 Resp: 70891

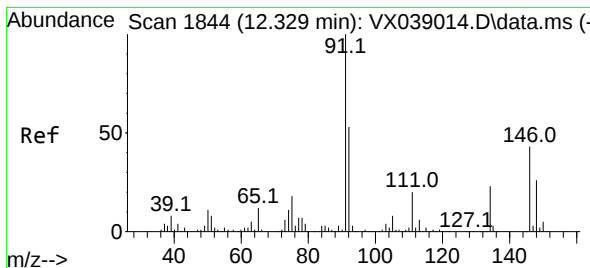
Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.2

148 63.3 31.8 95.4





#85

n-Butylbenzene

Concen: 18.829 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX112423

Tgt Ion: 91 Resp: 13534

Ion Ratio Lower Upper

91 100

92 51.7 0.0 106.2

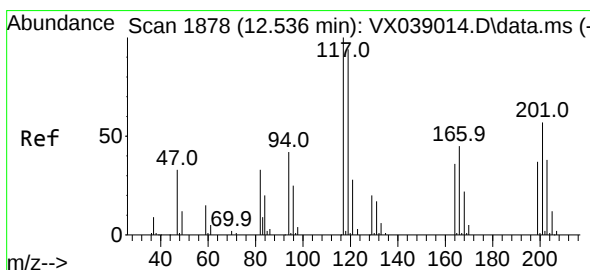
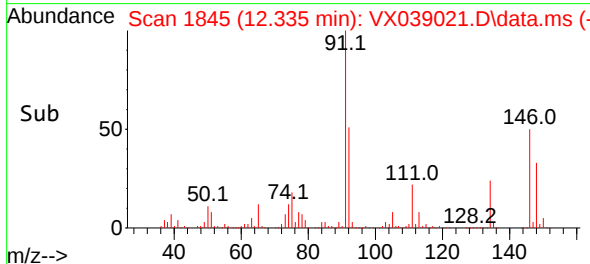
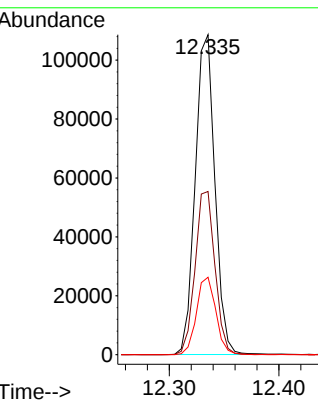
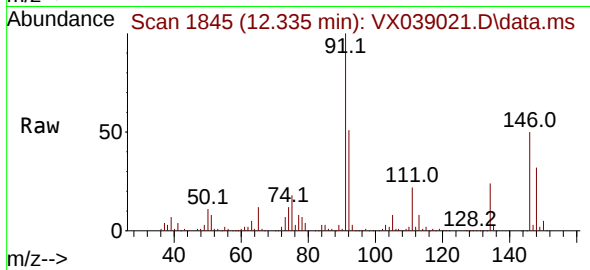
134 23.9 0.0 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#86

Hexachloroethane

Concen: 18.774 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039021.D

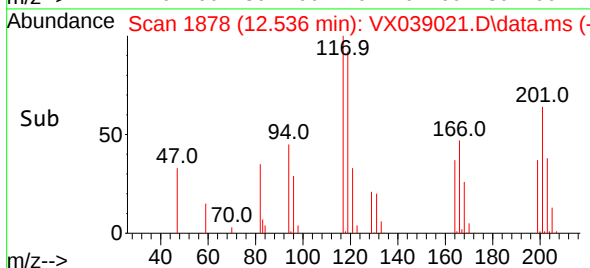
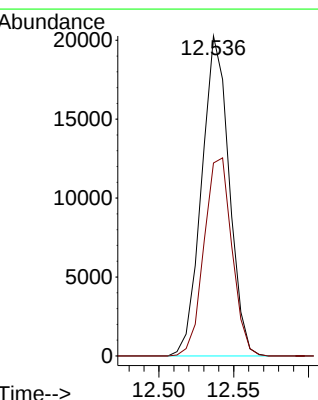
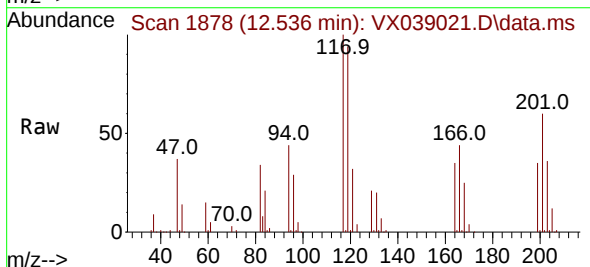
Acq: 24 Nov 2023 13:37

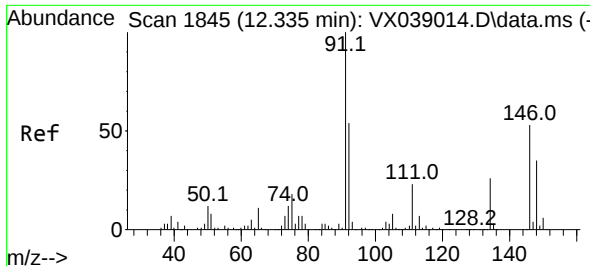
Tgt Ion:117 Resp: 25893

Ion Ratio Lower Upper

117 100

201 62.9 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 19.288 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112423

Tgt Ion:146 Resp: 6702

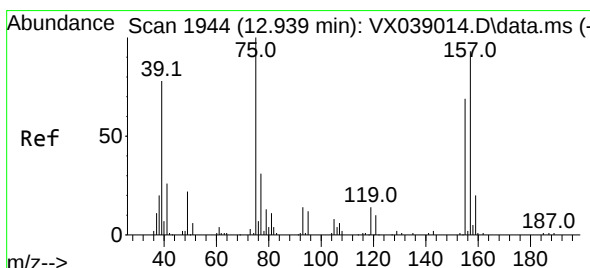
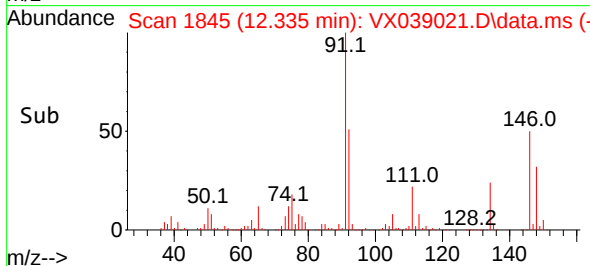
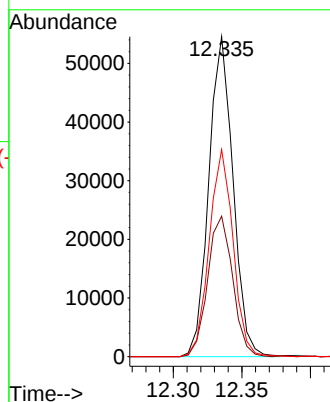
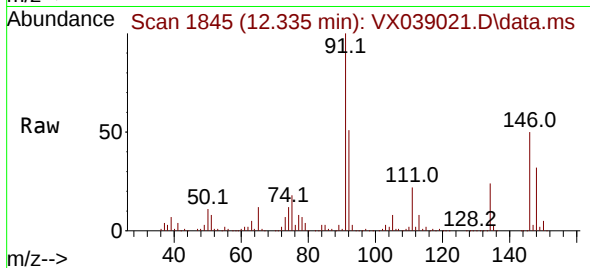
Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.4	67.2
148	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.242 ug/l

RT: 12.939 min Scan# 1944

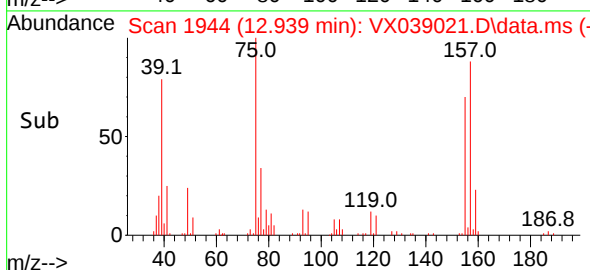
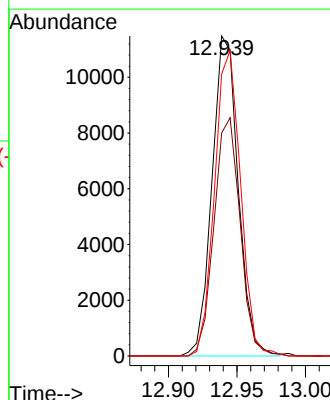
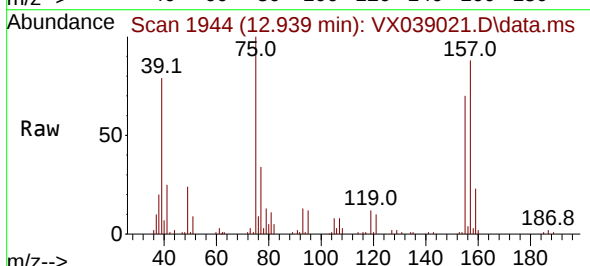
Delta R.T. 0.000 min

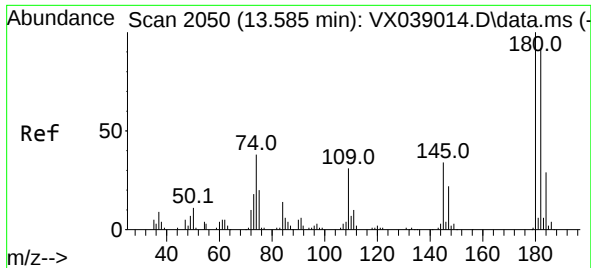
Lab File: VX039021.D

Acq: 24 Nov 2023 13:37

Tgt Ion: 75 Resp: 15236

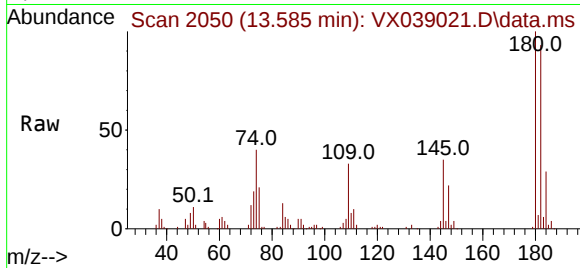
Ion	Ratio	Lower	Upper
75	100		
155	74.5	58.2	87.4
157	94.9	76.5	114.7





#89
1,2,4-Trichlorobenzene
Concen: 19.131 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

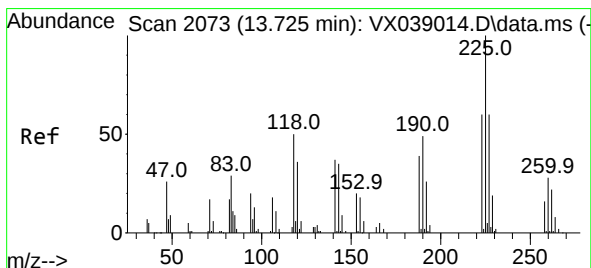
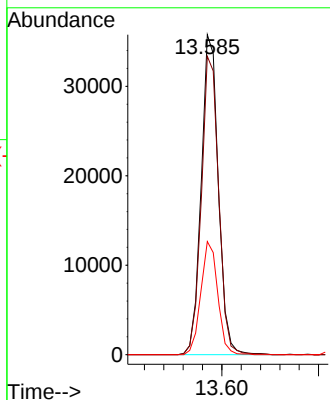
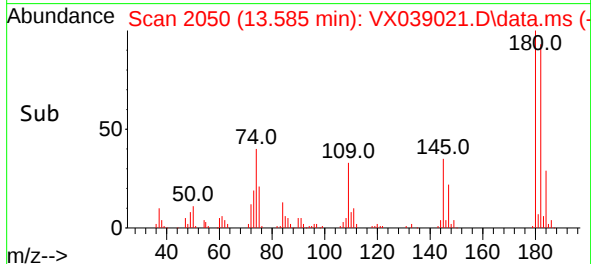
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



Tgt Ion:180 Resp: 4407
Ion Ratio Lower Upper
180 100
182 94.1 74.5 111.7
145 34.8 26.6 40.0

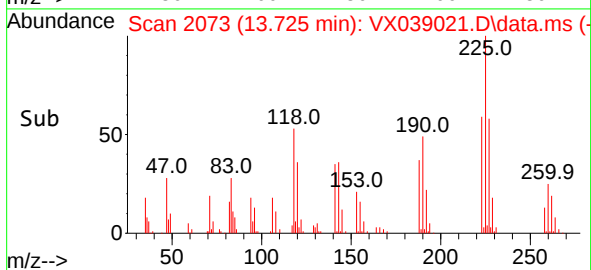
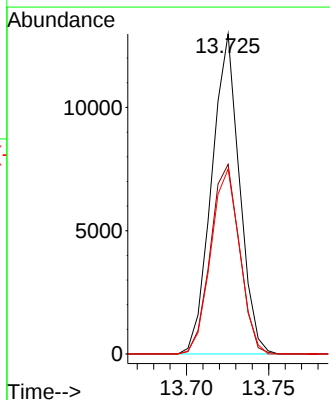
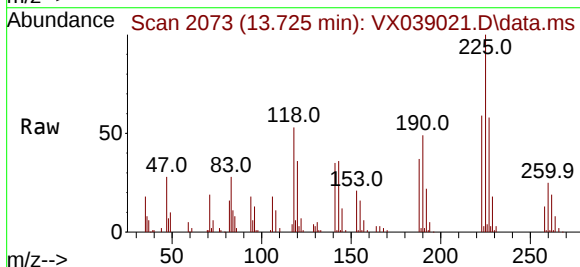
Manual Integrations
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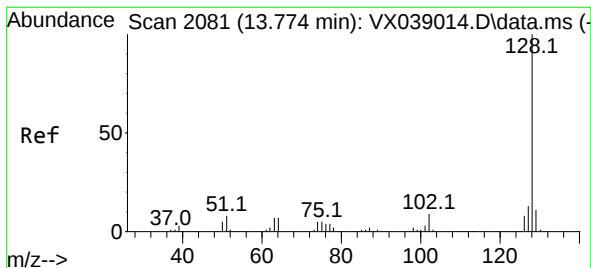
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#90
Hexachlorobutadiene
Concen: 18.573 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

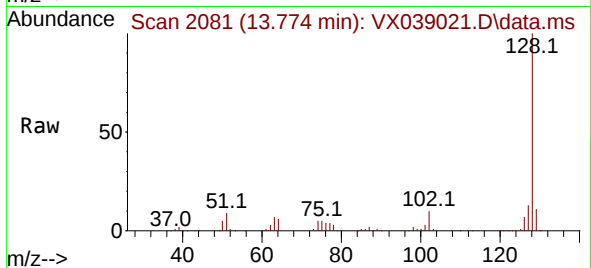
Tgt Ion:225 Resp: 15278
Ion Ratio Lower Upper
225 100
223 61.8 0.0 124.4
227 60.1 0.0 124.4





#91
Naphthalene
Concen: 18.799 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37

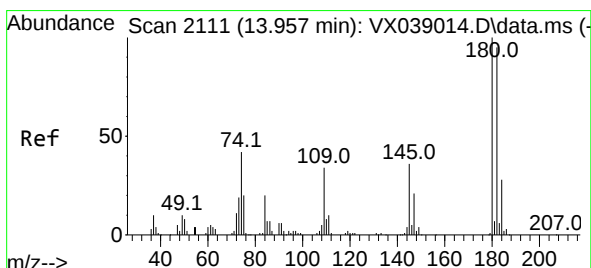
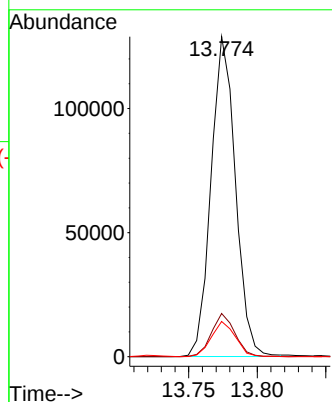
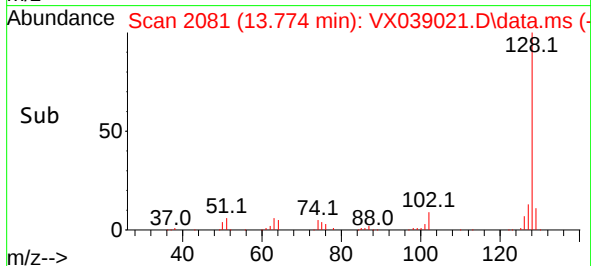
Instrument :
MSVOA_X
ClientSampleId :
ICVX112423



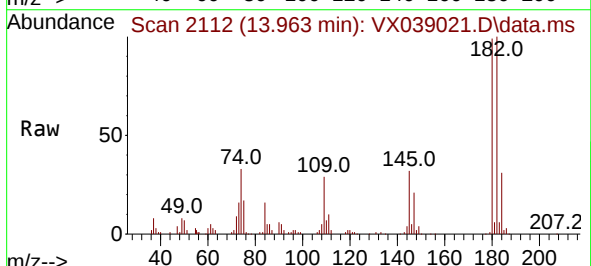
Tgt Ion:128 Resp: 159719
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.746 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039021.D
Acq: 24 Nov 2023 13:37



Tgt Ion:180 Resp: 41831
Ion Ratio Lower Upper
180 100
182 98.8 0.0 191.6
145 35.6 0.0 69.6

