

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038829.D
 Acq On : 16 Nov 2023 09:48
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 16 22:39:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	194282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	360544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2455	1.083	ug/l	89
3) Chloromethane	1.295	50	3640	1.230	ug/l	90
4) Vinyl Chloride	1.374	62	3014	1.058	ug/l	94
6) Chloroethane	1.691	64	1812	1.114	ug/l #	83
7) Trichlorofluoromethane	1.892	101	3838	1.061	ug/l	93
8) Diethyl Ether	2.136	74	1845	1.171	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	2732	1.139	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	2583	1.067	ug/l	81
14) Allyl chloride	2.666	41	5081	1.048	ug/l #	93
15) Acrylonitrile	3.063	53	9340	5.077	ug/l	97
16) Acetone	2.374	43	9848	5.909	ug/l #	86
17) Carbon Disulfide	2.508	76	9083	1.211	ug/l #	91
18) Methyl Acetate	2.703	43	8492	1.073	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	8756	1.028	ug/l	96
20) Methylene Chloride	2.794	84	3792	1.262	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	3083	1.154	ug/l	98
22) Diisopropyl ether	3.751	45	9201	1.035	ug/l #	39
23) Vinyl Acetate	3.727	43	32147	5.019	ug/l	98
24) 1,1-Dichloroethane	3.617	63	5253	1.056	ug/l #	91
25) 2-Butanone	4.568	43	14487	5.361	ug/l	96
26) 2,2-Dichloropropane	4.477	77	4974	1.153	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	3520	1.130	ug/l	89
28) Bromochloromethane	4.910	49	2442	1.023	ug/l	98
29) Tetrahydrofuran	5.013	42	8363	4.874	ug/l #	91
30) Chloroform	5.087	83	5424	1.117	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	4692	1.115	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	4224	1.132	ug/l #	84
37) Ethyl Acetate	4.727	43	5413	1.113	ug/l #	88
38) Carbon Tetrachloride	5.684	117	3718	1.078	ug/l #	90
39) Methylcyclohexane	7.385	83	5537	1.137	ug/l	98
40) Benzene	6.038	78	11861	1.075	ug/l	99
41) Methacrylonitrile	4.928	41	2606	1.033	ug/l #	67
42) 1,2-Dichloroethane	6.092	62	3811	1.042	ug/l	97
43) Isopropyl Acetate	6.342	43	8171	1.052	ug/l	99
44) Trichloroethene	7.129	130	2954	1.099	ug/l	80
45) 1,2-Dichloropropane	7.434	63	3191	1.074	ug/l #	87

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 ClientSampleId :
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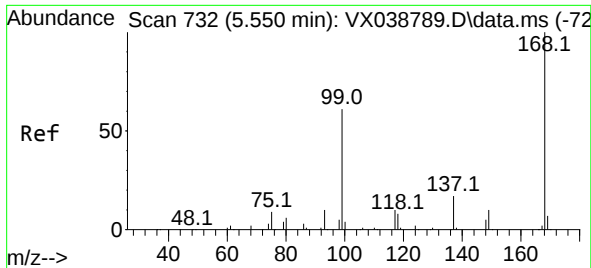
Manual Integrations
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 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 16 22:39:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
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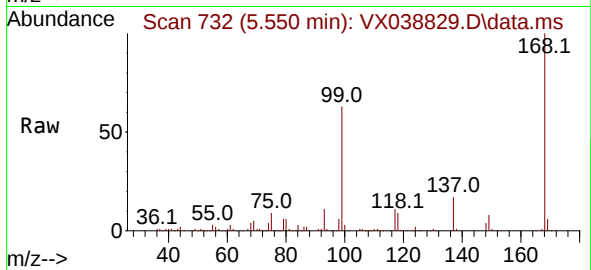
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2065	1.042	ug/l #	85
47) Bromodichloromethane	7.824	83	4450	1.132	ug/l #	98
48) Methyl methacrylate	7.702	41	4770	1.265	ug/l #	75
49) 1,4-Dioxane	7.665	88	1500	20.565	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	25480	5.131	ug/l	96
52) Toluene	8.720	92	7851	1.146	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	5090	1.089	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	4906	1.017	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	3230	1.130	ug/l	97
56) Ethyl methacrylate	9.122	69	4551	0.941	ug/l	96
57) 1,3-Dichloropropane	9.311	76	4988	1.055	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	11976	5.316	ug/l	96
59) 2-Hexanone	9.433	43	19031	4.781	ug/l	92
60) Dibromochloromethane	9.519	129	3163	1.088	ug/l	98
61) 1,2-Dibromoethane	9.610	107	3314	1.105	ug/l #	80
64) Tetrachloroethene	9.275	164	2401	1.157	ug/l	90
65) Chlorobenzene	10.080	112	7899	1.098	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	2940	1.136	ug/l #	64
67) Ethyl Benzene	10.195	91	13870	1.050	ug/l	97
68) m/p-Xylenes	10.299	106	10475	2.096	ug/l	99
69) o-Xylene	10.647	106	5240	1.059	ug/l	100
70) Styrene	10.659	104	8613	1.031	ug/l	96
71) Bromoform	10.805	173	2147	0.996	ug/l #	98
73) Isopropylbenzene	10.964	105	13926	1.136	ug/l	97
74) N-amyl acetate	10.842	43	6728	1.038	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	5465	1.142	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	4365m	1.142	ug/l	
77) Bromobenzene	11.201	156	3088	1.121	ug/l	95
78) n-propylbenzene	11.305	91	16656	1.104	ug/l	100
79) 2-Chlorotoluene	11.366	91	10161	1.135	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	10988	1.066	ug/l	94
82) 4-Chlorotoluene	11.457	91	11400	1.104	ug/l	94
83) tert-Butylbenzene	11.713	119	11159	1.099	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	11319	1.085	ug/l	93
85) sec-Butylbenzene	11.890	105	14134	1.065	ug/l	97
86) p-Isopropyltoluene	12.012	119	11497	1.079	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	5947	1.103	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	6413m	1.162	ug/l	
89) n-Butylbenzene	12.335	91	11420	1.062	ug/l	99
90) Hexachloroethane	12.536	117	2169	1.019	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	5687	1.112	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1245	1.062	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3833	1.118	ug/l	98
94) Hexachlorobutadiene	13.725	225	1325	1.092	ug/l	97
95) Naphthalene	13.774	128	14054	1.101	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3566	1.097	ug/l	96

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

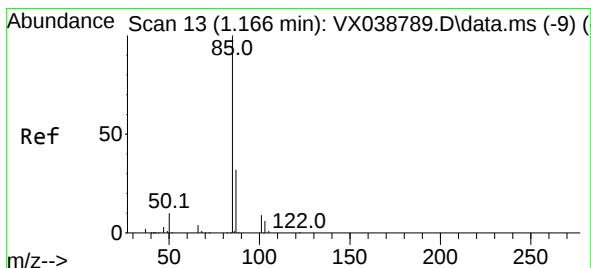
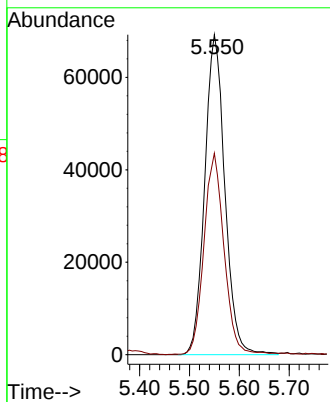
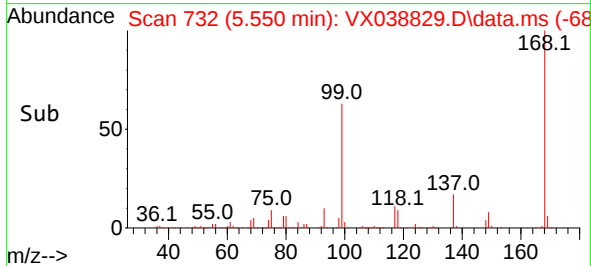
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 19428
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0

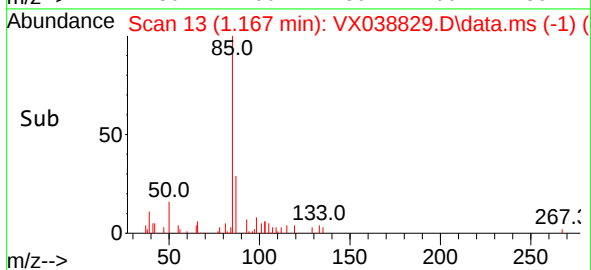
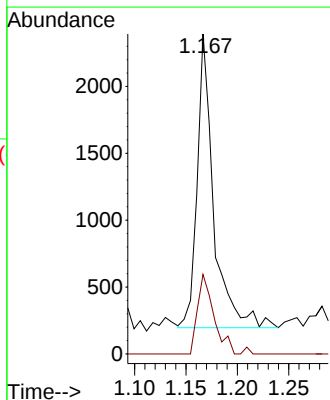
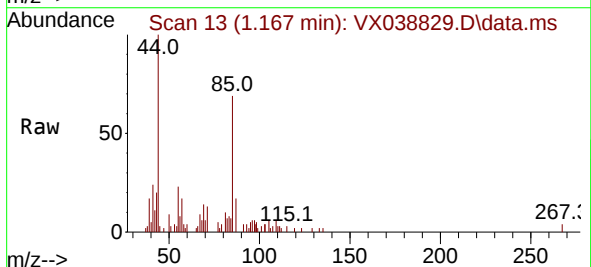
Manual Integrations
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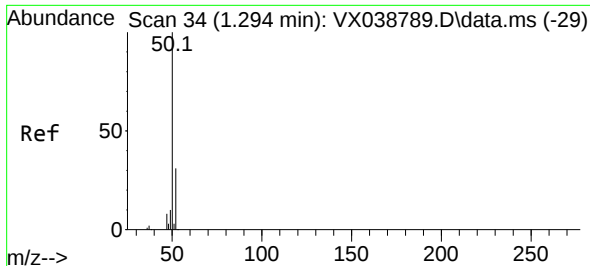
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 1.083 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 85 Resp: 2455
Ion Ratio Lower Upper
85 100
87 27.0 16.7 50.1





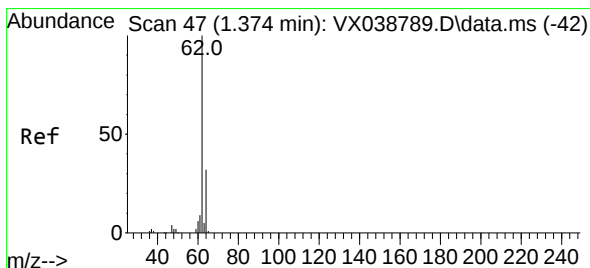
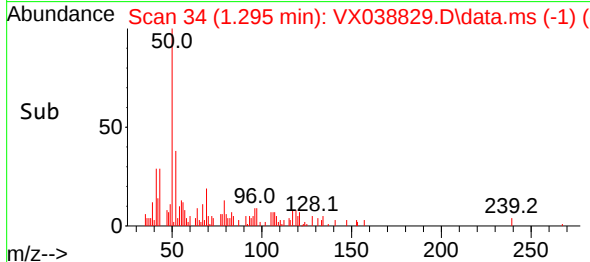
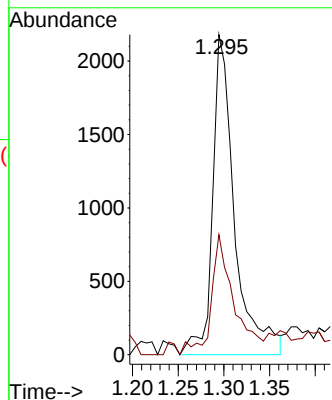
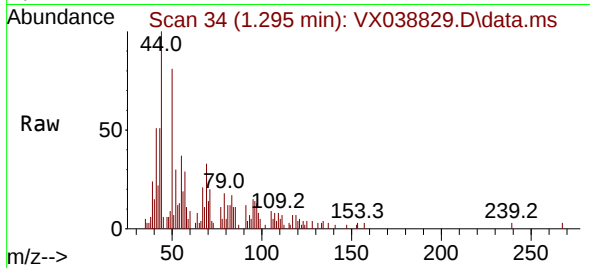
#3
Chloromethane
Concen: 1.230 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 3640
Ion Ratio Lower Upper
50 100
52 37.5 25.5 38.3

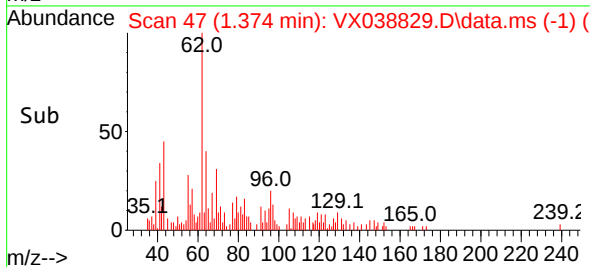
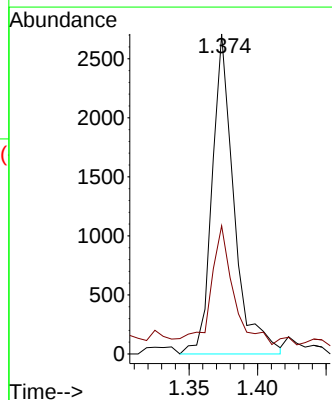
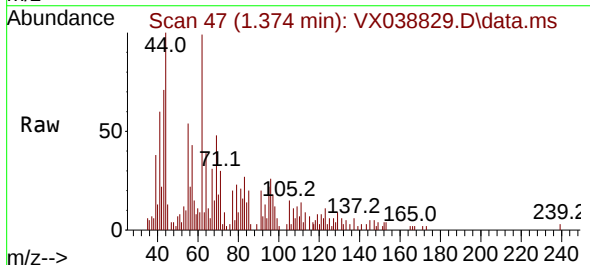
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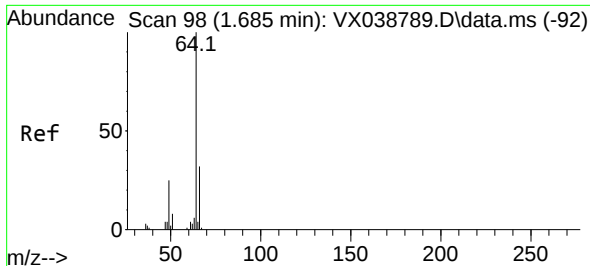
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#4
Vinyl Chloride
Concen: 1.058 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

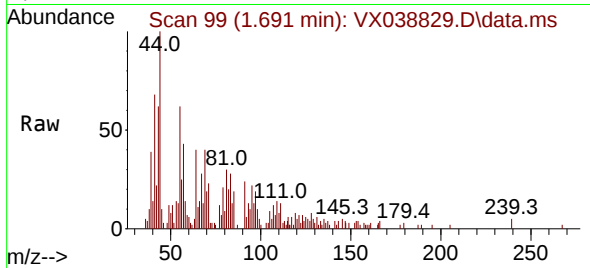
Tgt Ion: 62 Resp: 3014
Ion Ratio Lower Upper
62 100
64 35.3 25.4 38.0





#6
Chloroethane
Concen: 1.114 ug/l
RT: 1.691 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

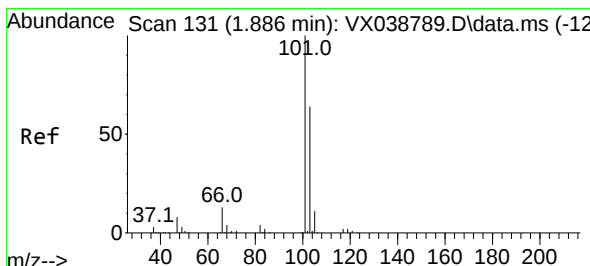
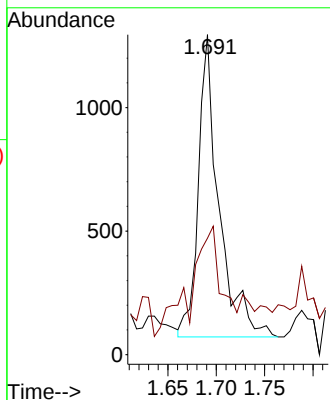
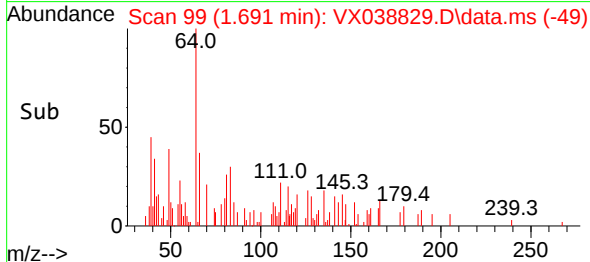
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC001



Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 22.2 25.1 37.7

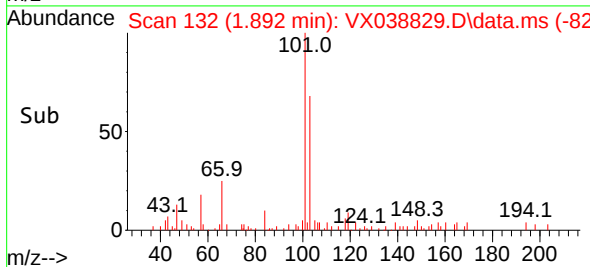
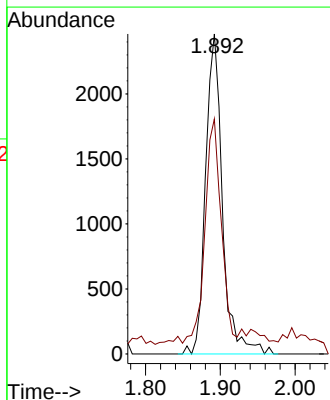
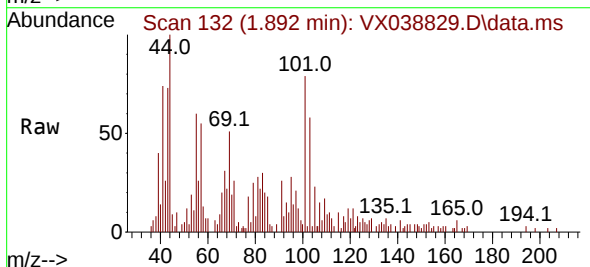
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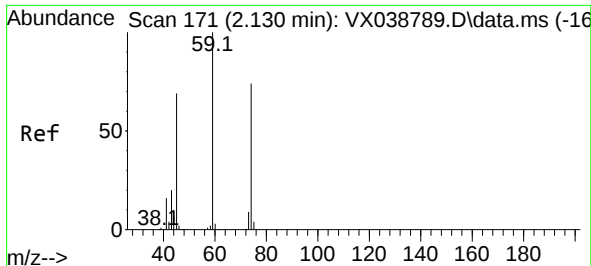
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#7
Trichlorofluoromethane
Concen: 1.061 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

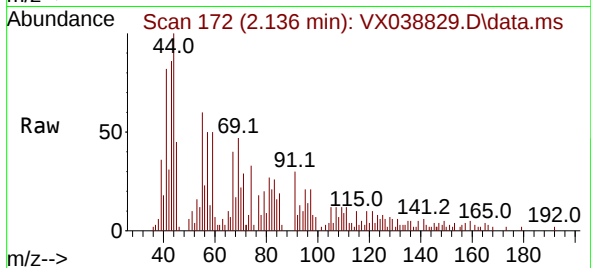
Tgt Ion:101 Resp: 3838
Ion Ratio Lower Upper
101 100
103 69.7 51.4 77.2





#8
Diethyl Ether
Concen: 1.171 ug/l
RT: 2.136 min Scan# 171
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

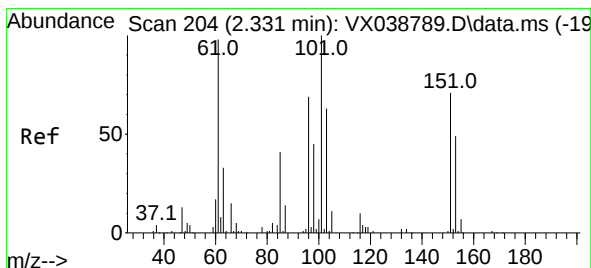
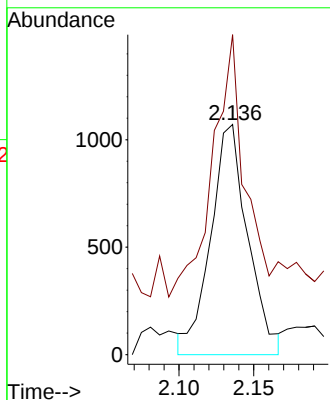
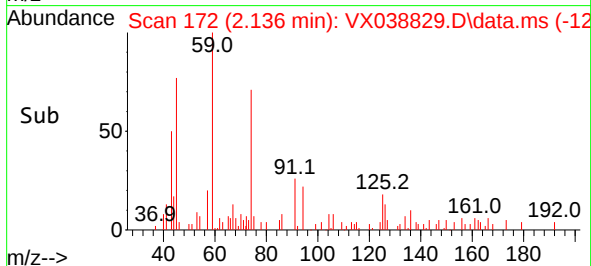
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 74 Resp: 1849
Ion Ratio Lower Upper
74 100
45 103.4 53.3 159.8

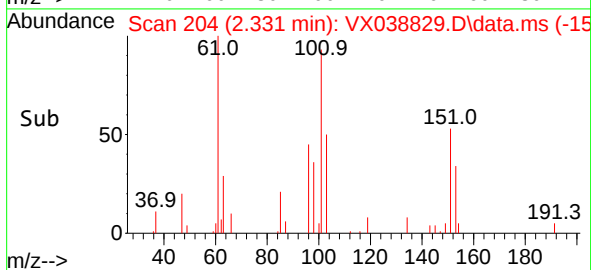
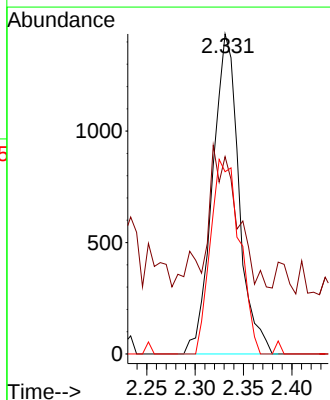
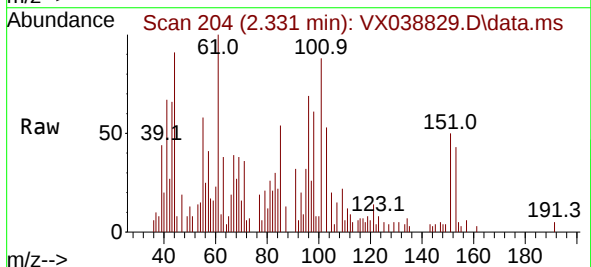
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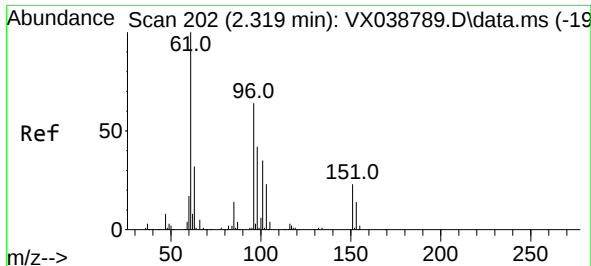
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.139 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion:101 Resp: 2732
Ion Ratio Lower Upper
101 100
85 56.5 37.0 55.6#
151 67.0 58.6 87.8





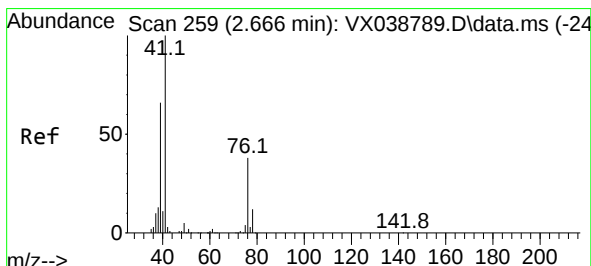
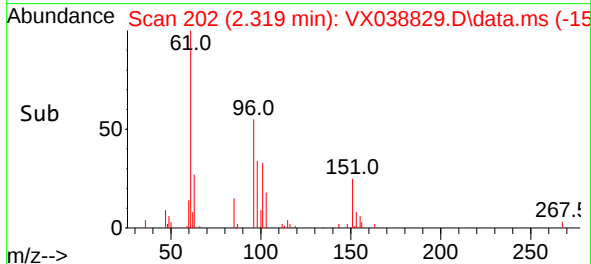
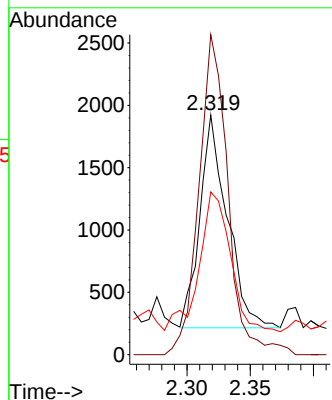
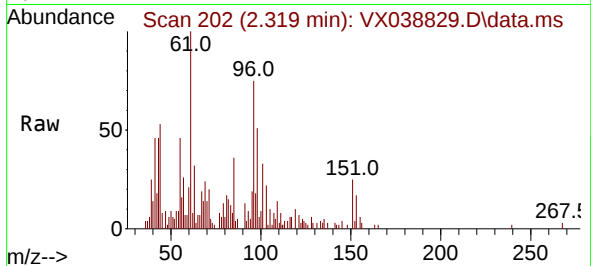
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1,1-Dichloroethene
Concen: 1.067 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 258
Ion Ratio Lower Upper
96 100
61 145.9 144.6 216.8
98 65.6 50.4 75.6

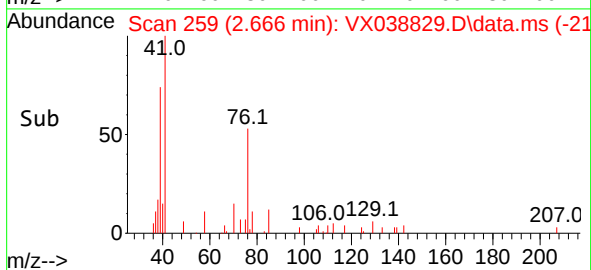
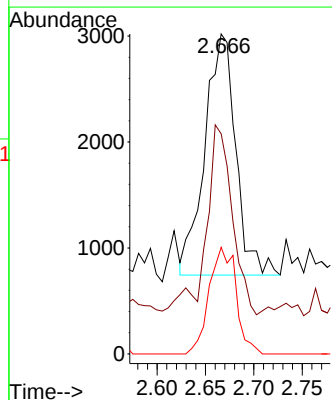
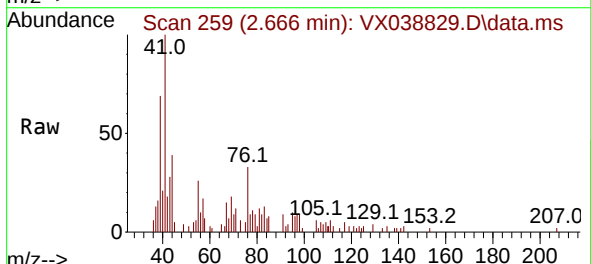
Manual Integrations
APPROVED

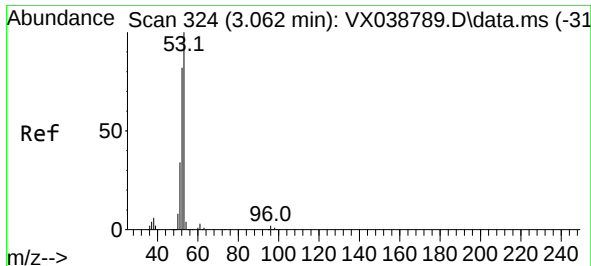
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 1.048 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

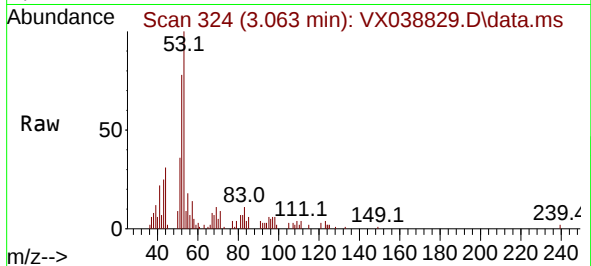
Tgt Ion: 41 Resp: 5081
Ion Ratio Lower Upper
41 100
39 66.6 55.8 83.6
76 38.4 24.3 36.5





#15
Acrylonitrile
Concen: 5.077 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

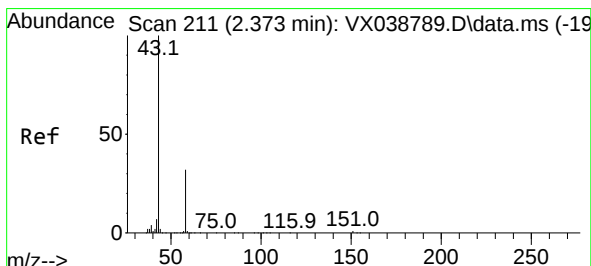
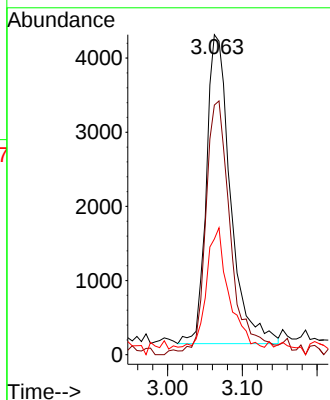
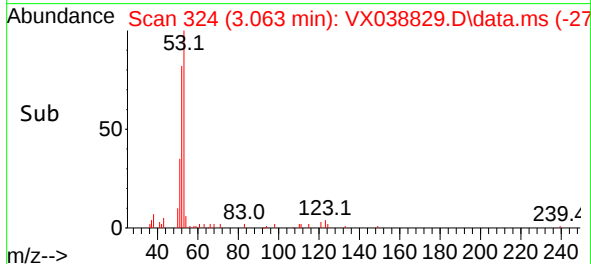
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 9340
Ion Ratio Lower Upper
53 100
52 86.4 66.0 99.0
51 37.0 29.8 44.6

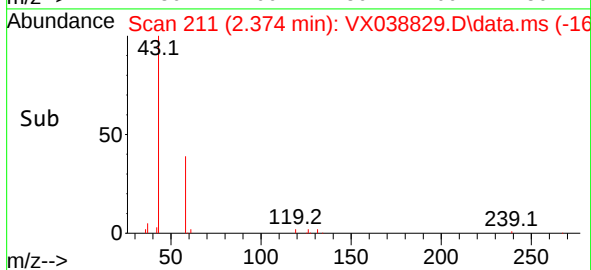
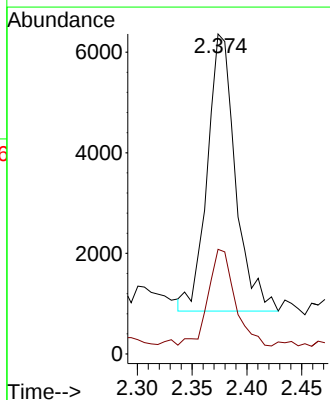
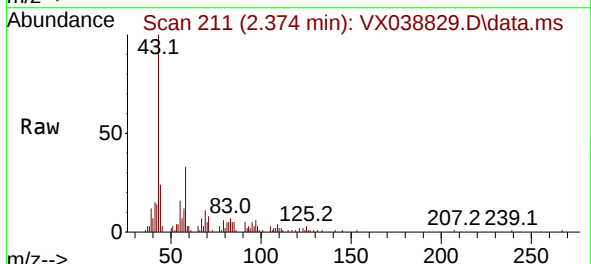
Manual Integrations
APPROVED

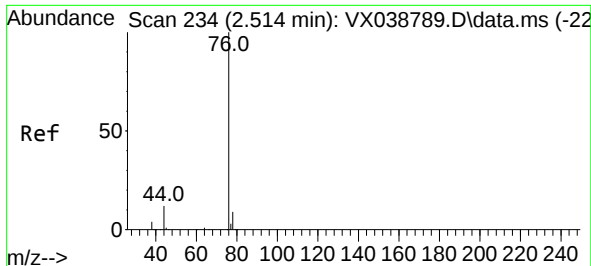
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 5.909 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

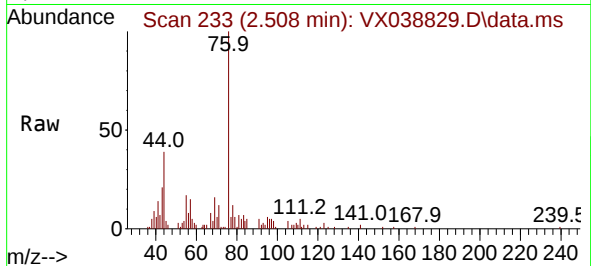
Tgt Ion: 43 Resp: 9848
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#





#17
Carbon Disulfide
Concen: 1.211 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

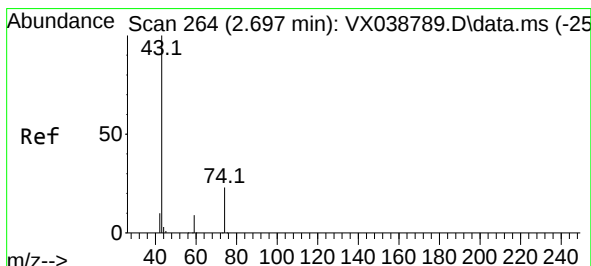
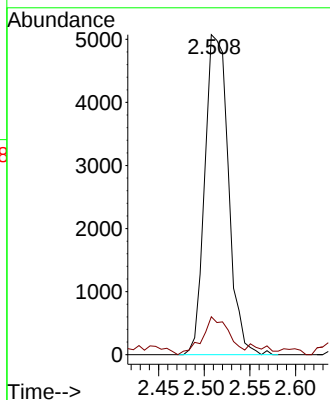
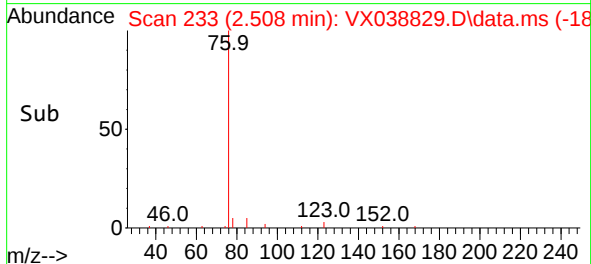
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 908
Ion Ratio Lower Upper
76 100
78 11.9 7.0 10.6

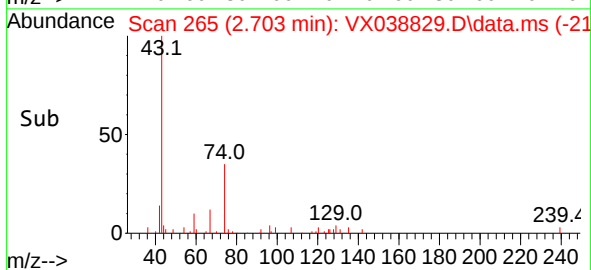
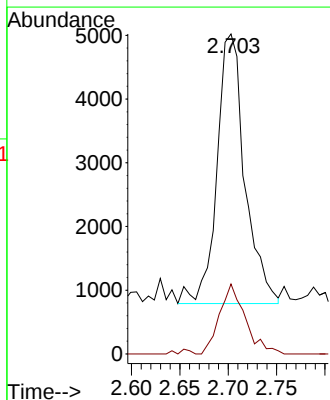
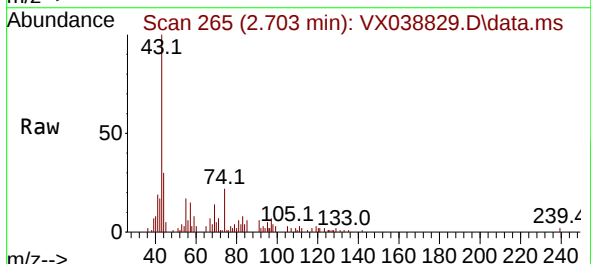
Manual Integrations
APPROVED

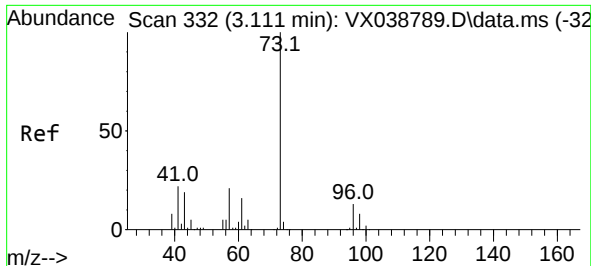
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 1.073 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

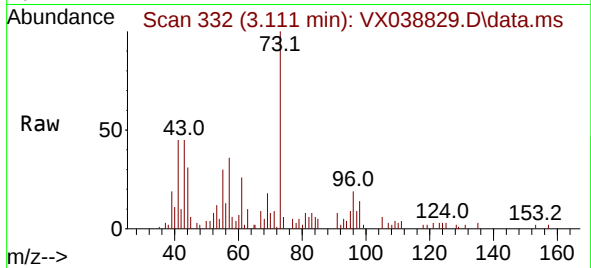
Tgt Ion: 43 Resp: 8492
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 1.028 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

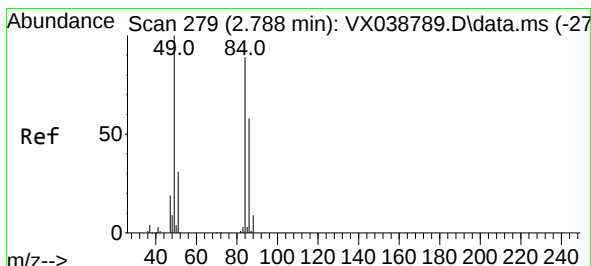
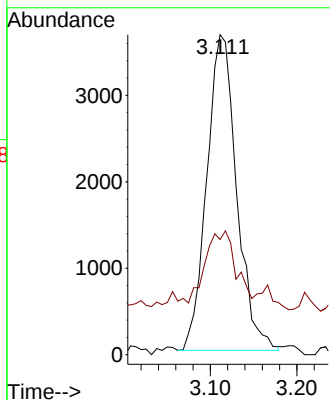
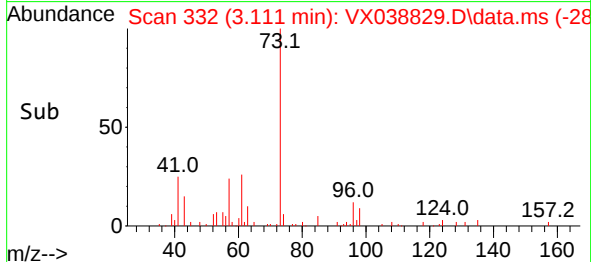
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 73 Resp: 8750
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

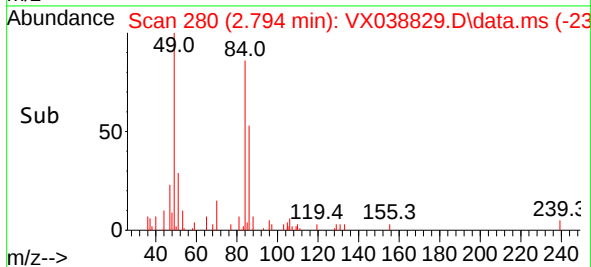
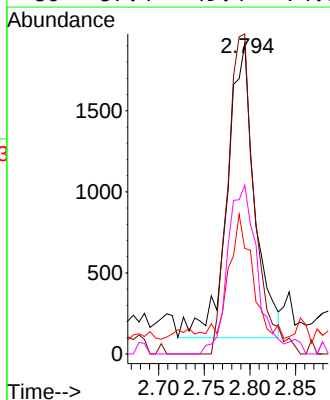
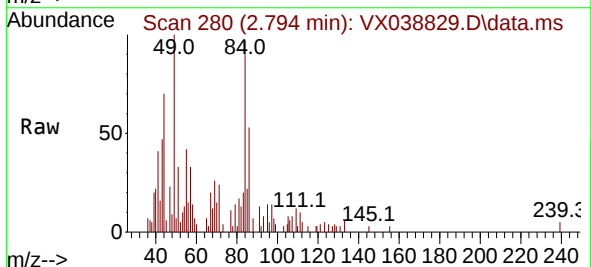
Manual Integrations
APPROVED

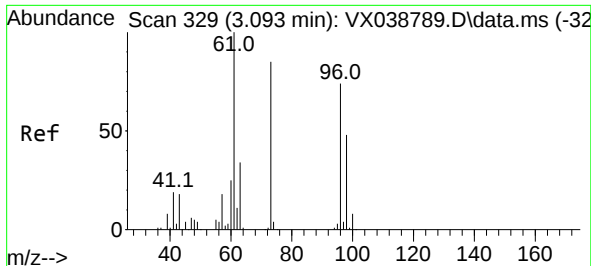
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 1.262 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

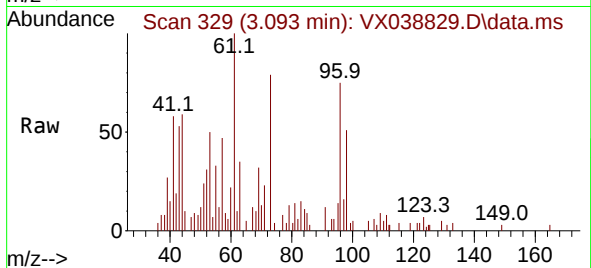
Tgt Ion: 84 Resp: 3792
Ion Ratio Lower Upper
84 100
49 108.9 103.6 155.4
51 27.6 33.8 50.6#
86 57.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 1.154 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

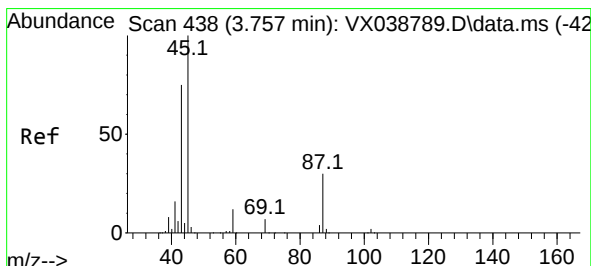
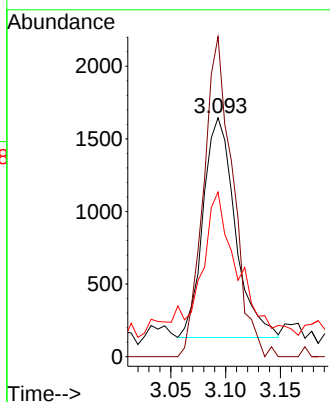
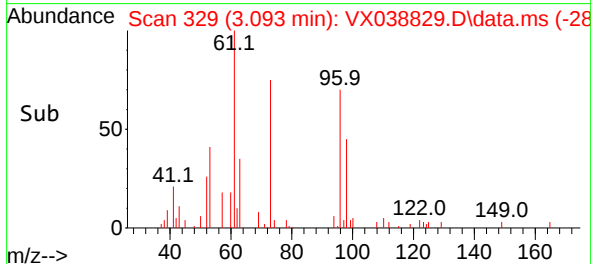
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 308
Ion Ratio Lower Upper
96 100
61 145.7 119.2 178.8
98 60.7 48.7 73.1

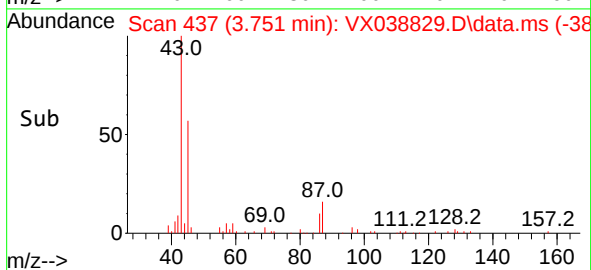
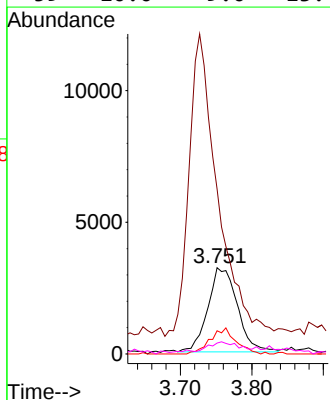
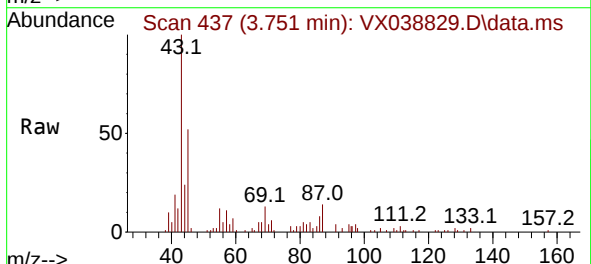
Manual Integrations
APPROVED

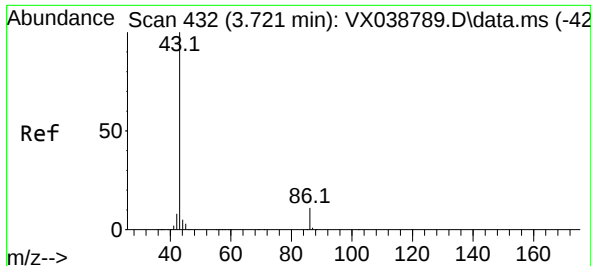
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 1.035 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 45 Resp: 9201
Ion Ratio Lower Upper
45 100
43 165.8 69.7 104.5#
87 27.5 20.8 31.2
59 10.0 9.0 13.4





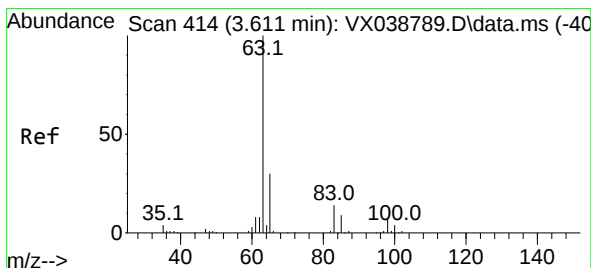
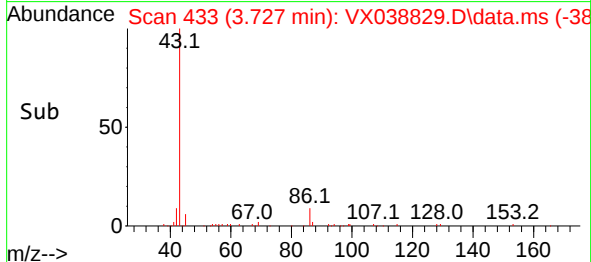
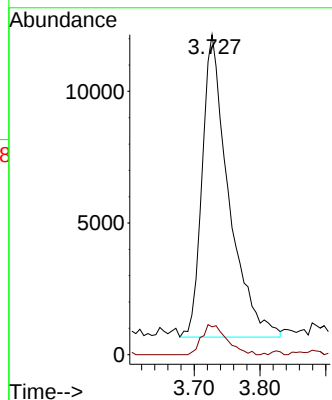
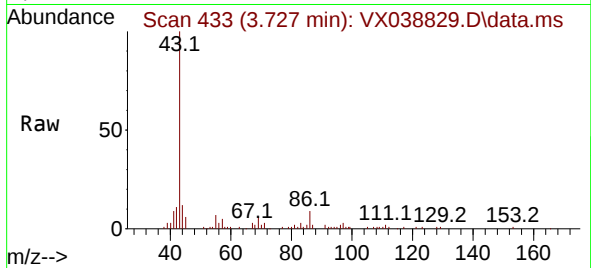
#23
 Vinyl Acetate
 Concen: 5.019 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX038829.D
 Acq: 16 Nov 2023 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 3214
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

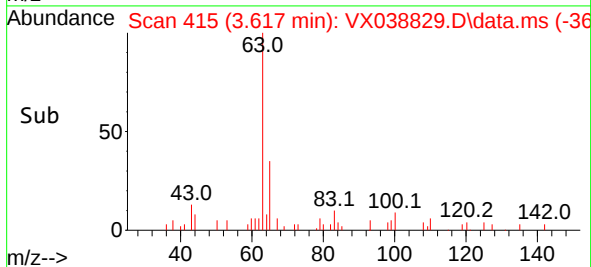
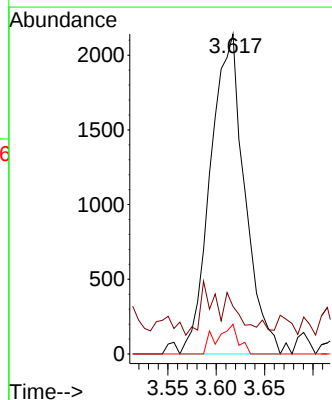
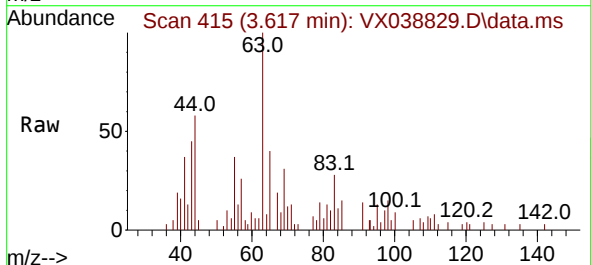
Manual Integrations
 APPROVED

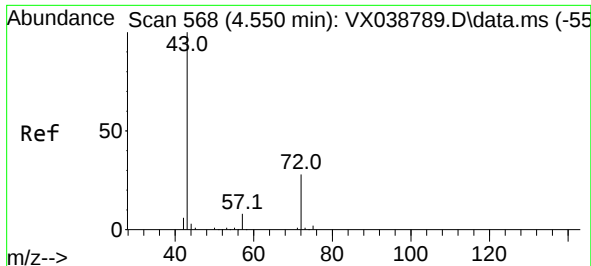
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 1.056 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX038829.D
 Acq: 16 Nov 2023 09:48

Tgt Ion: 63 Resp: 5253
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.3 9.8
 100 9.3 2.1 6.5





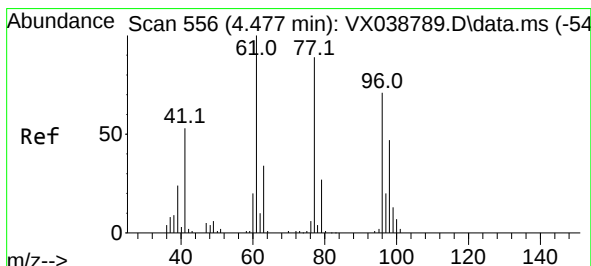
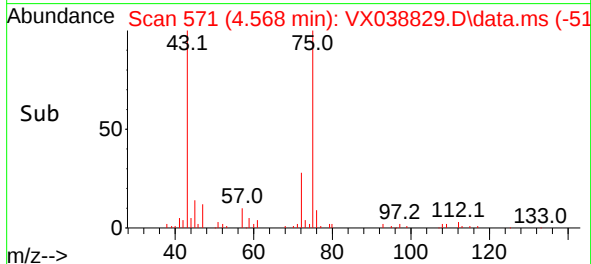
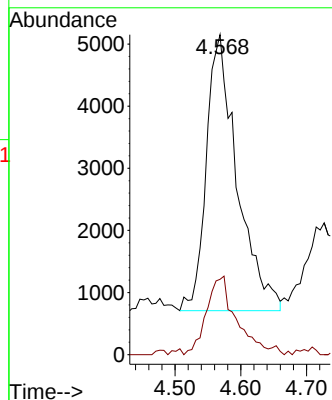
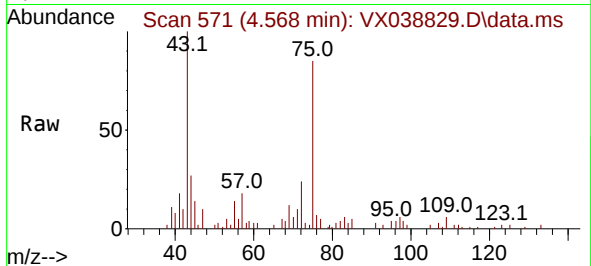
#25
2-Butanone
Concen: 5.361 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

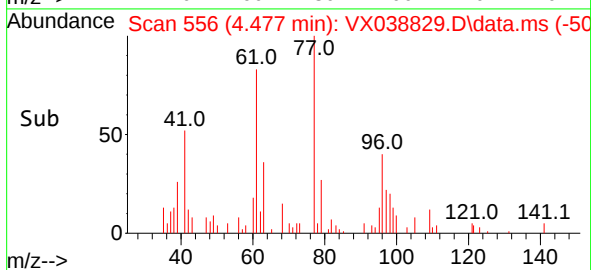
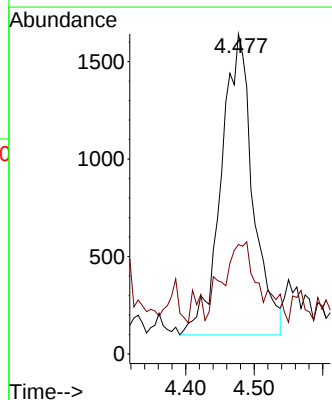
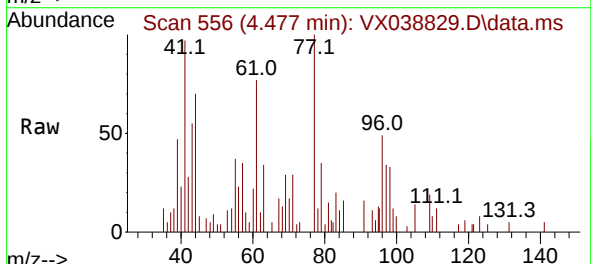
Manual Integrations
APPROVED

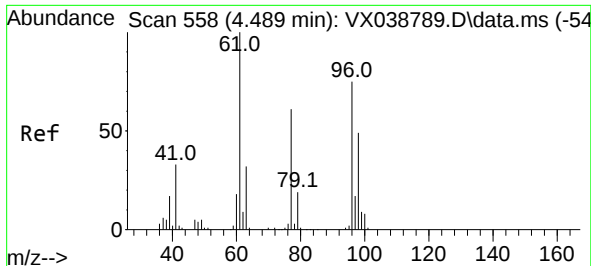
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 1.153 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 77 Resp: 4974
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 1.130 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

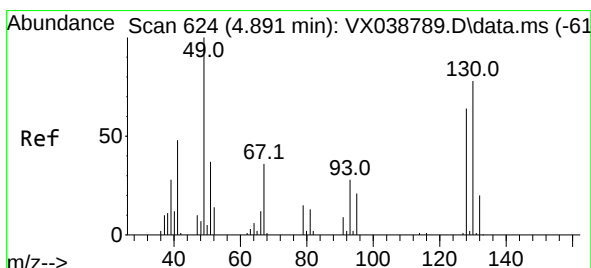
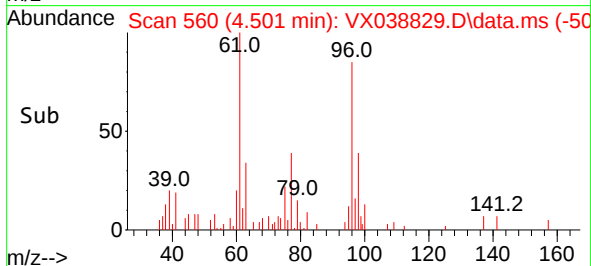
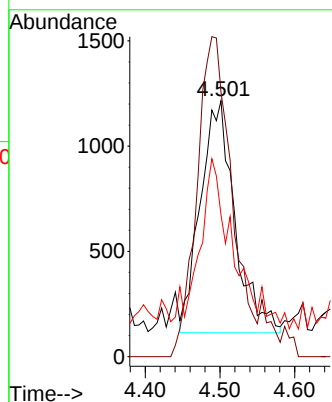
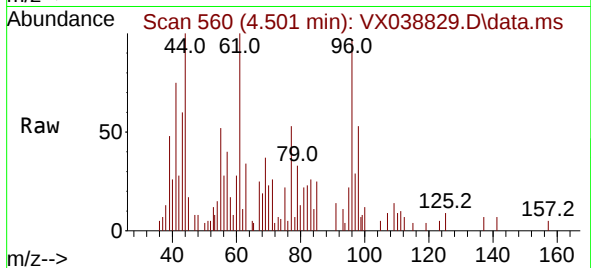
Tgt Ion: 96	Resp: 3520
Ion Ratio	Lower Upper
96 100	
61 139.0	0.0 312.2
98 60.4	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#28

Bromochloromethane

Concen: 1.023 ug/l

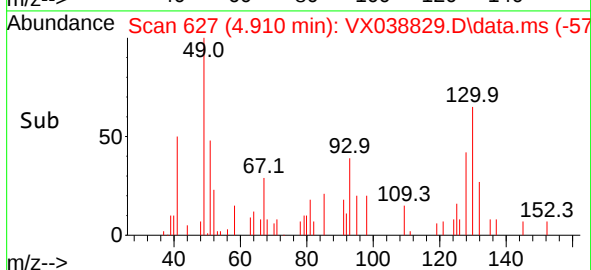
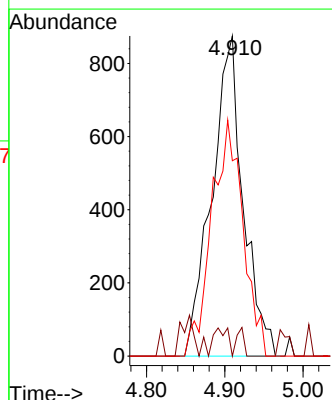
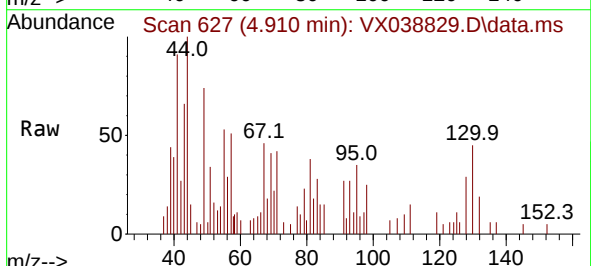
RT: 4.910 min Scan# 627

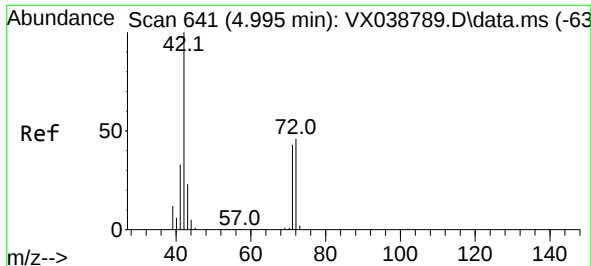
Delta R.T. 0.018 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Tgt Ion: 49	Resp: 2442
Ion Ratio	Lower Upper
49 100	
129 2.0	0.0 3.8
130 73.7	57.5 86.3





#29

Tetrahydrofuran

Concen: 4.874 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.018 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

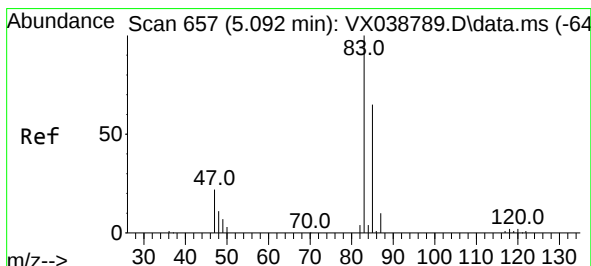
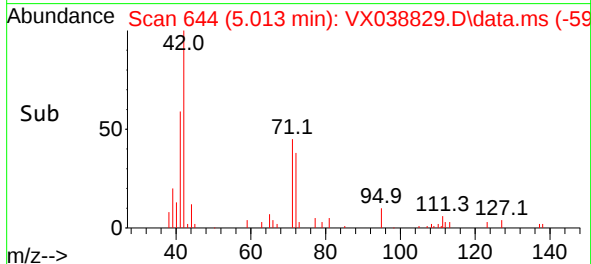
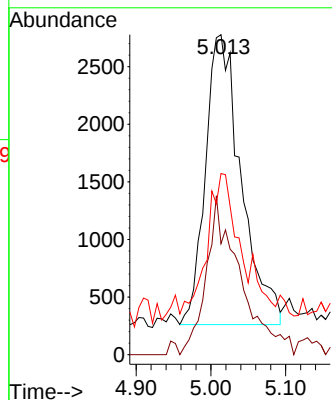
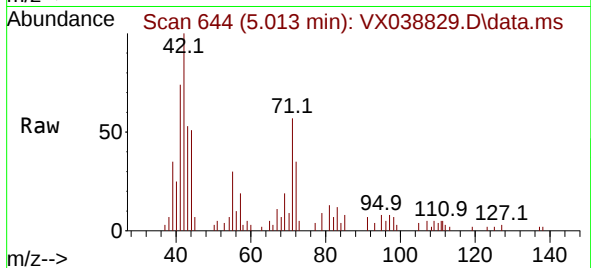
Tgt Ion:	42	Resp:	836
Ion Ratio	Lower	Upper	
42	100		
72	52.2	34.2	51.4
71	38.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 1.117 ug/l

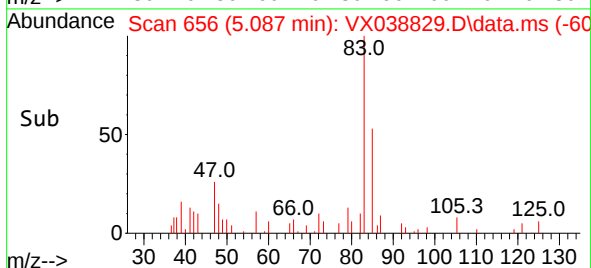
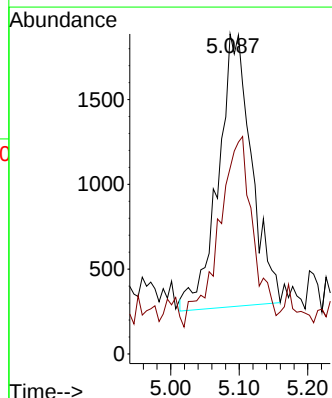
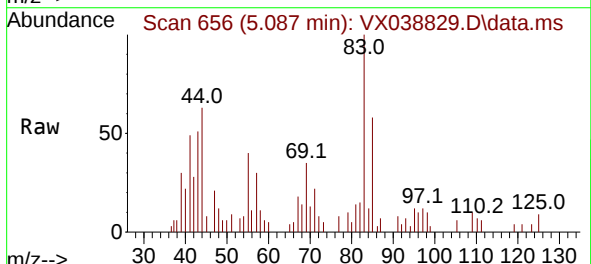
RT: 5.087 min Scan# 656

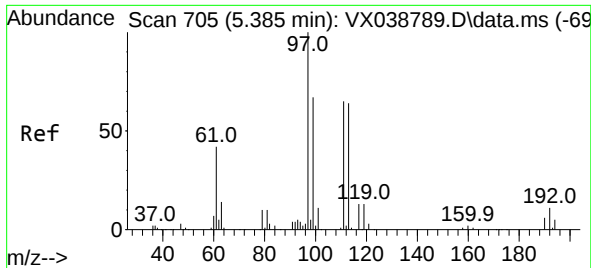
Delta R.T. -0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Tgt Ion:	83	Resp:	5424
Ion Ratio	Lower	Upper	
83	100		
85	55.4	50.3	75.5





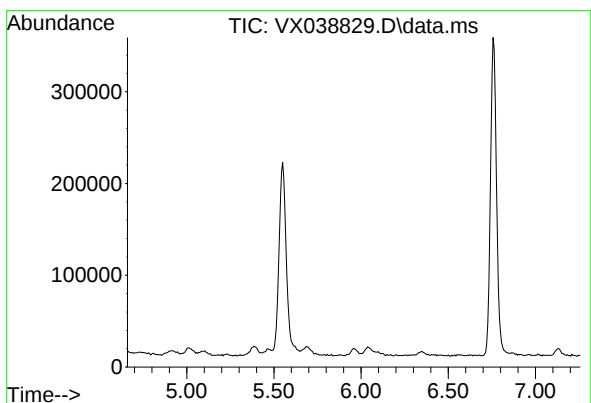
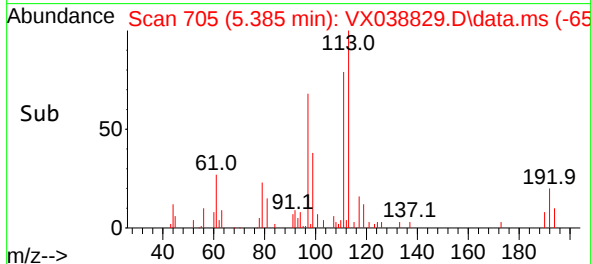
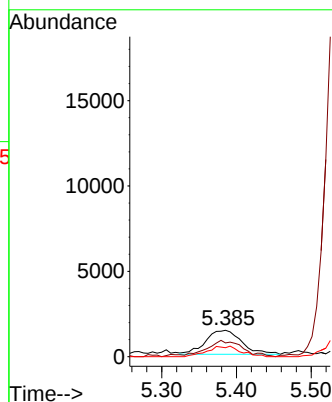
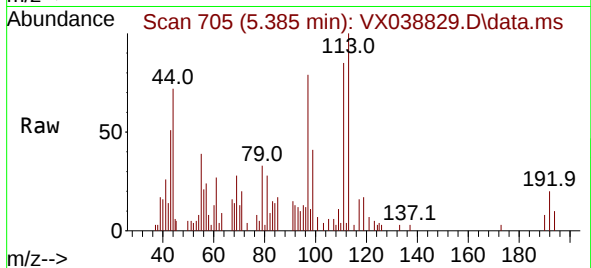
#32
1,1,1-Trichloroethane
Concen: 1.115 ug/l
RT: 5.385 min Scan# 70
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 4692
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 40.1 36.4 54.6

Manual Integrations
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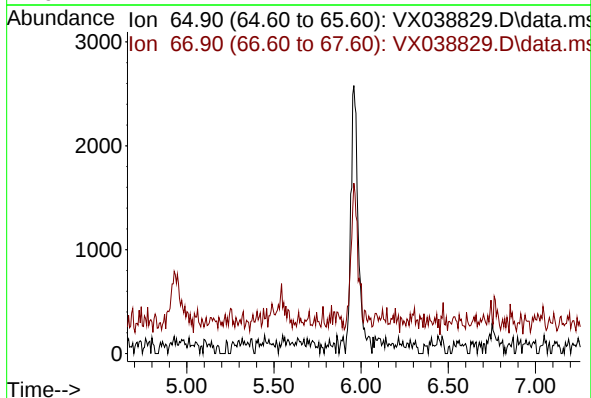
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

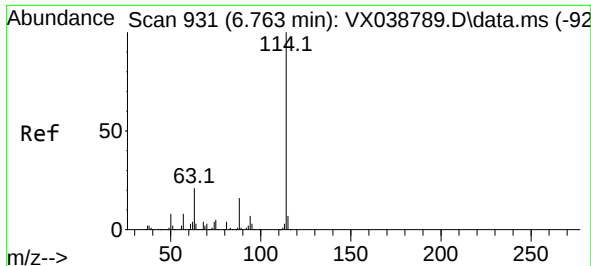


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.96 min

Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 65
Sig Exp Ratio
65 100
67 50.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 360544

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

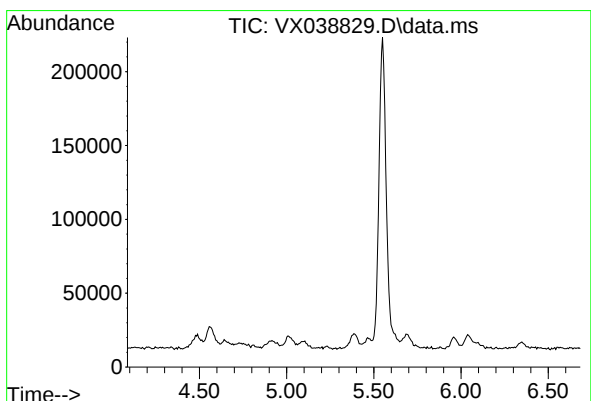
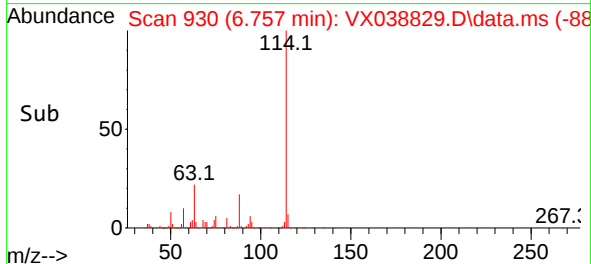
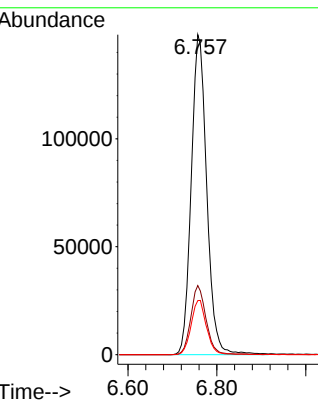
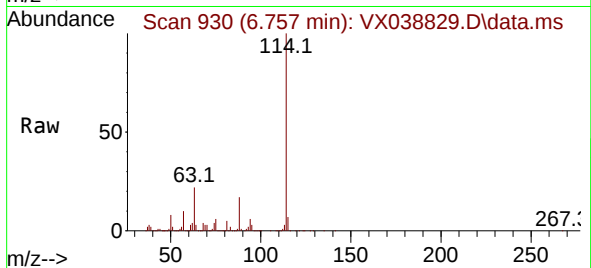
88 16.9 0.0 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.39 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

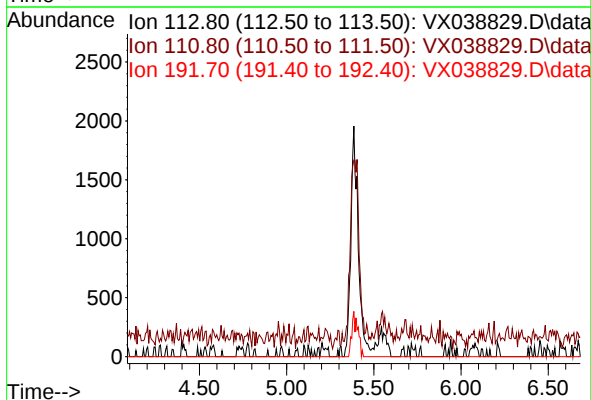
Tgt Ion: 113

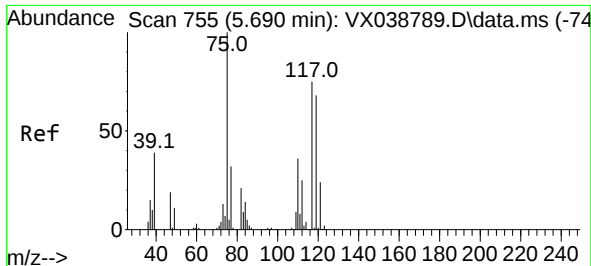
Sig Exp Ratio

113 100

111 103.6

192 16.6





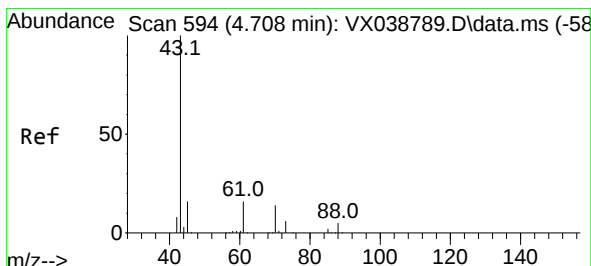
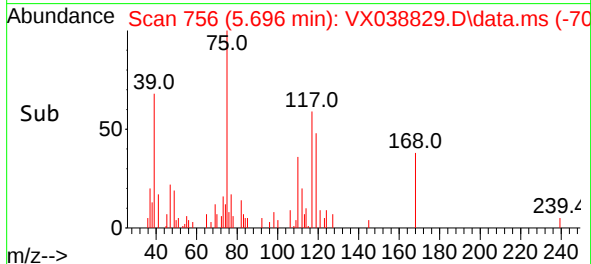
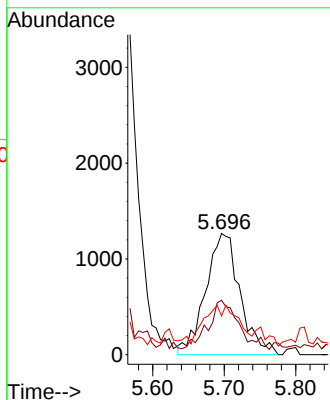
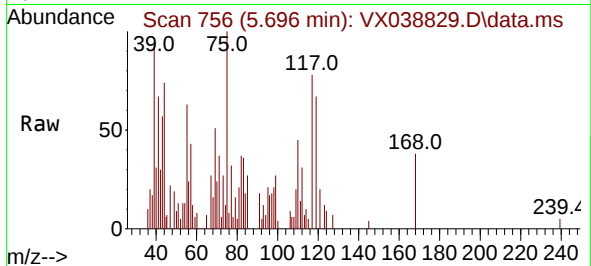
#36
1,1-Dichloropropene
Concen: 1.132 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4224
Ion Ratio Lower Upper
75 100
110 35.9 17.0 50.9
77 14.9 24.7 37.1

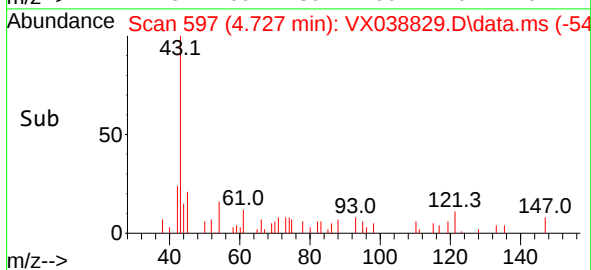
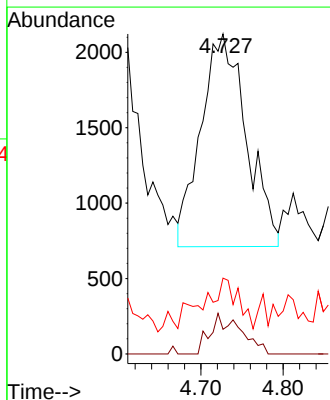
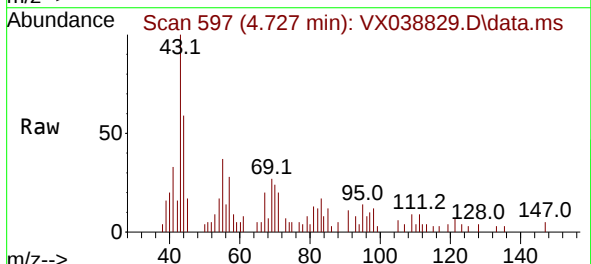
Manual Integrations
APPROVED

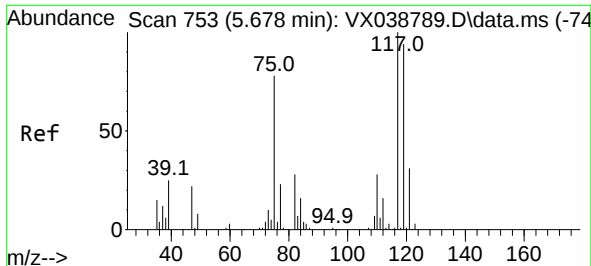
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#37
Ethyl Acetate
Concen: 1.113 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 43 Resp: 5413
Ion Ratio Lower Upper
43 100
61 6.9 10.6 16.0#
70 13.0 8.3 12.5#





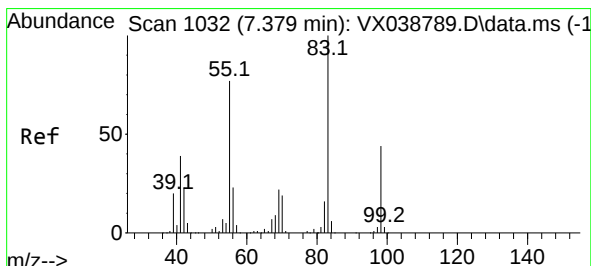
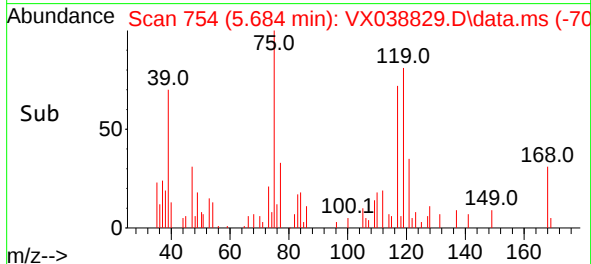
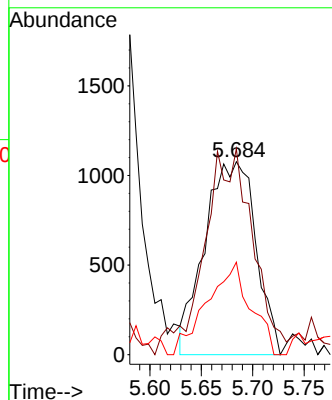
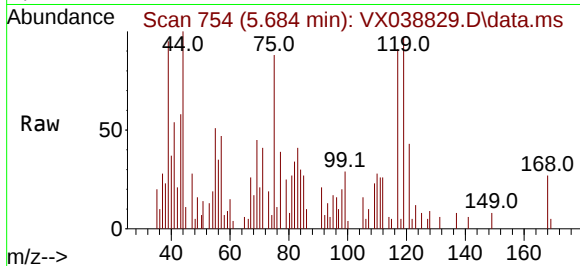
#38
Carbon Tetrachloride
Concen: 1.078 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 3718
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.2
121 47.9 24.4 36.6

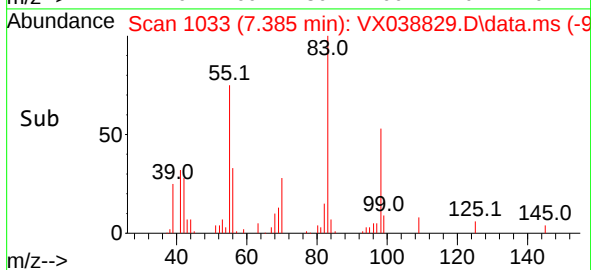
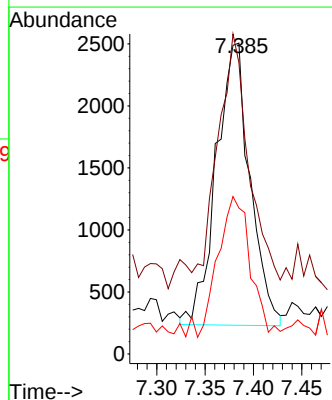
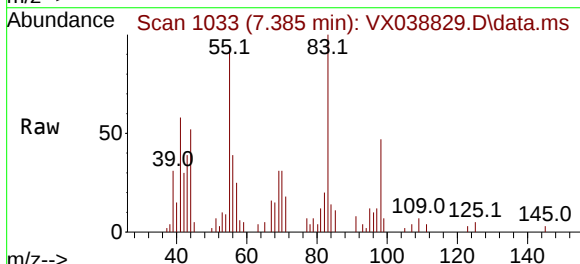
Manual Integrations
APPROVED

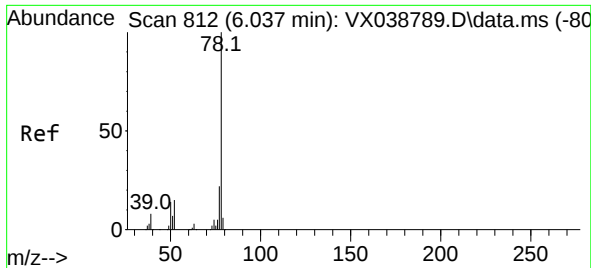
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#39
Methylcyclohexane
Concen: 1.137 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 83 Resp: 5537
Ion Ratio Lower Upper
83 100
55 79.1 64.6 97.0
98 44.9 36.7 55.1





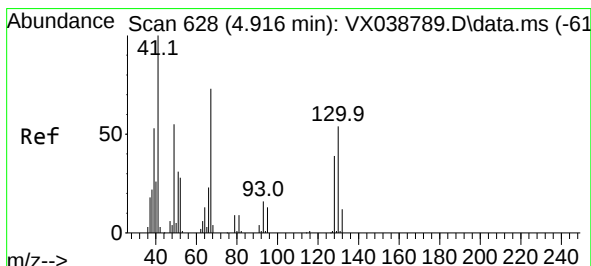
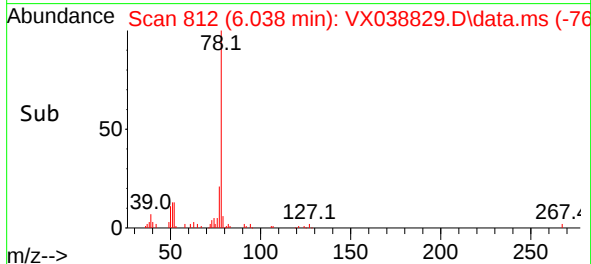
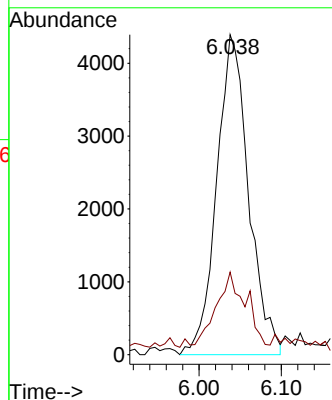
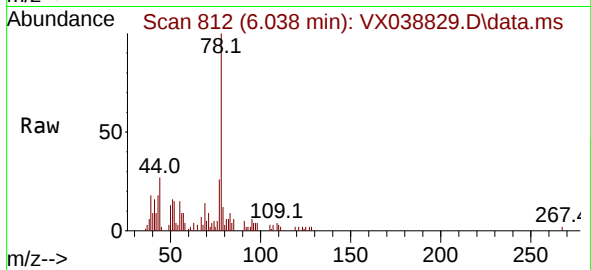
#40
Benzene
Concen: 1.075 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 1186
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

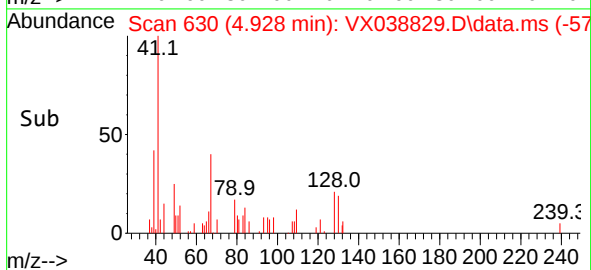
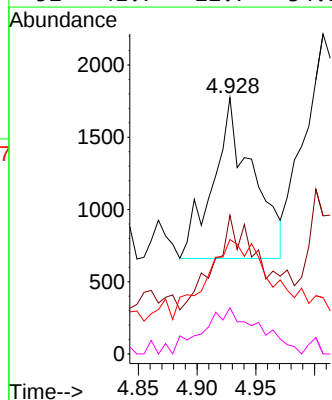
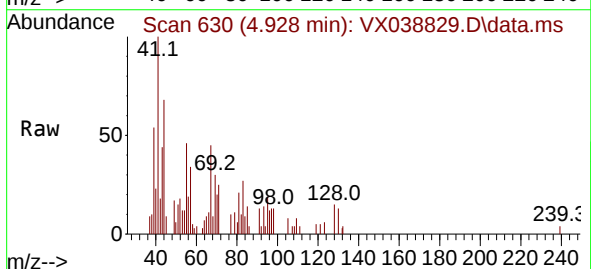
Manual Integrations
APPROVED

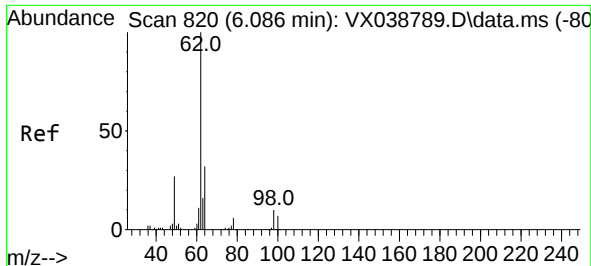
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#41
Methacrylonitrile
Concen: 1.033 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.012 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 41 Resp: 2606
Ion Ratio Lower Upper
41 100
39 70.0 45.2 67.8#
67 104.1 52.6 78.8#
52 41.7 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 1.042 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 381

Ion Ratio Lower Upper

62 100

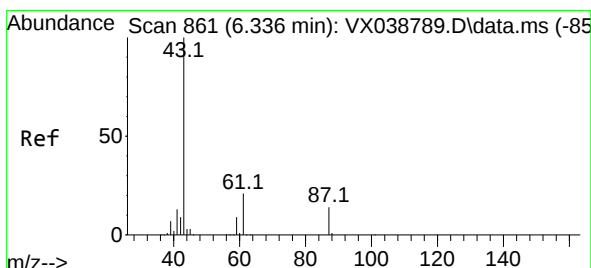
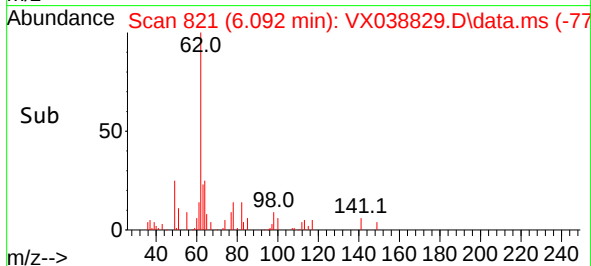
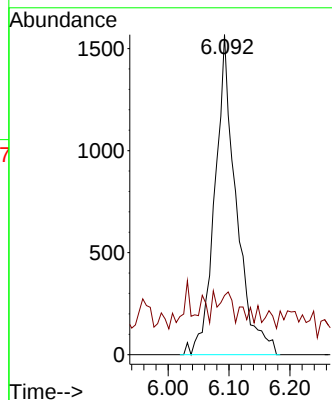
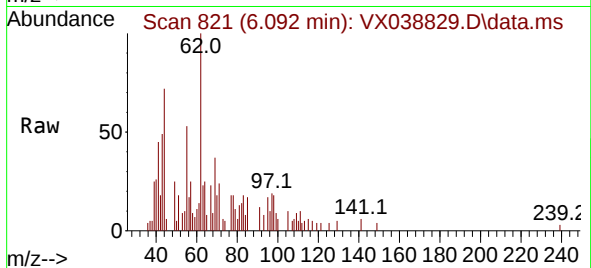
98 7.0 0.0 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#43

Isopropyl Acetate

Concen: 1.052 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

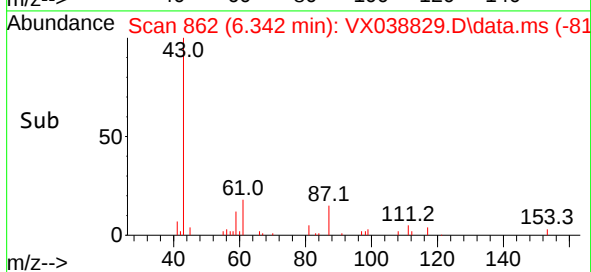
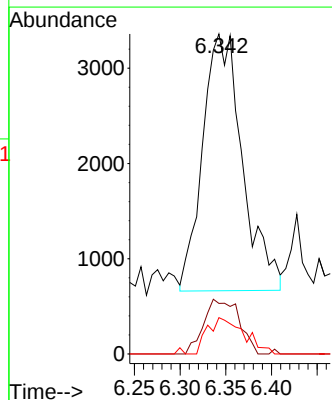
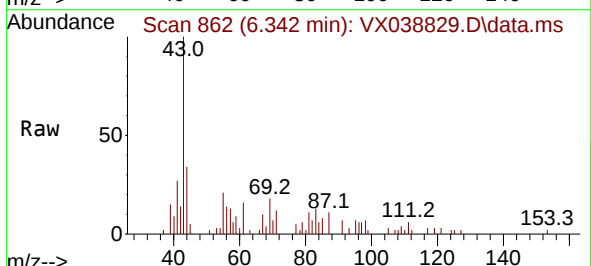
Tgt Ion: 43 Resp: 8171

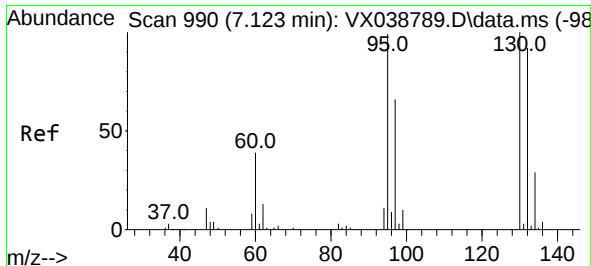
Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

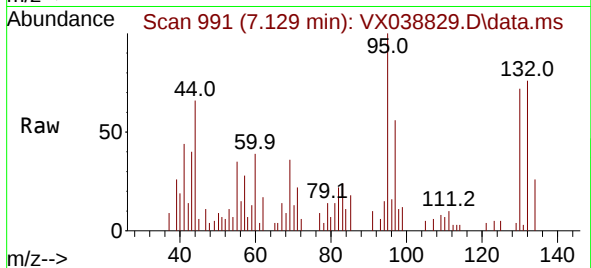
87 12.9 9.8 14.6





#44
Trichloroethene
Concen: 1.099 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

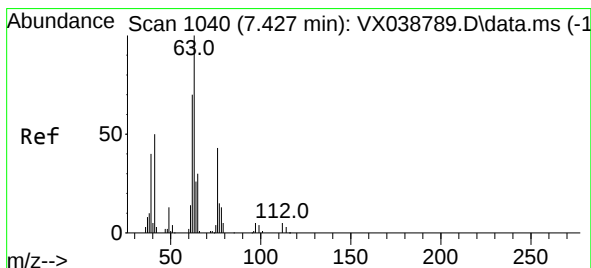
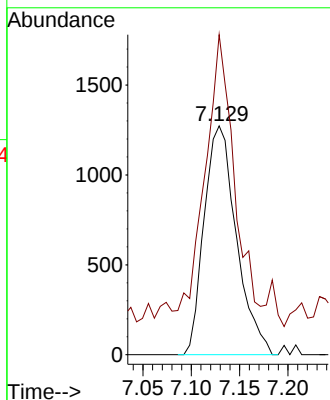
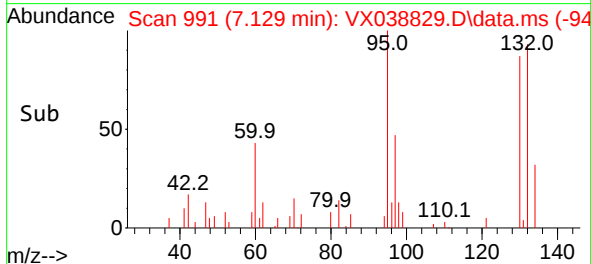
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:130 Resp: 2954
Ion Ratio Lower Upper
130 100
95 122.5 0.0 204.4

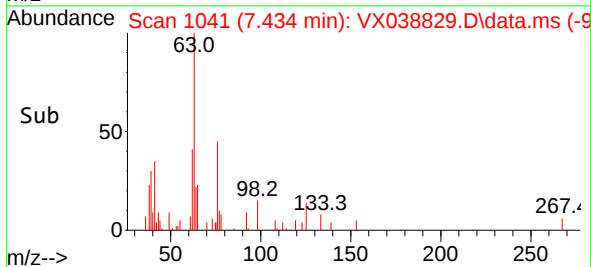
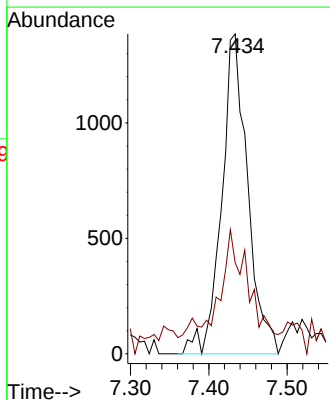
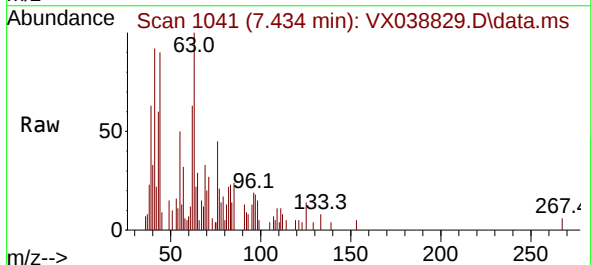
Manual Integrations
APPROVED

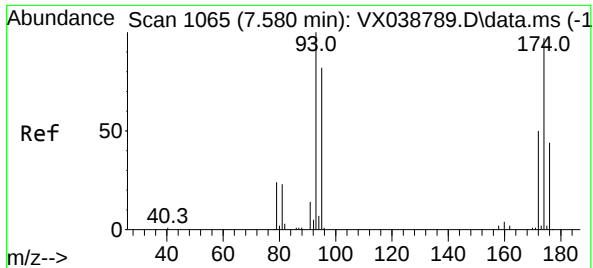
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#45
1,2-Dichloropropane
Concen: 1.074 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

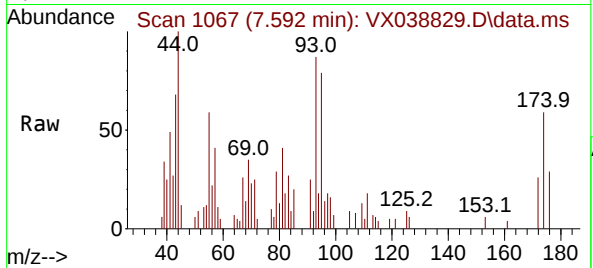
Tgt Ion: 63 Resp: 3191
Ion Ratio Lower Upper
63 100
65 23.5 24.3 36.5#





#46
Dibromomethane
Concen: 1.042 ug/l
RT: 7.592 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

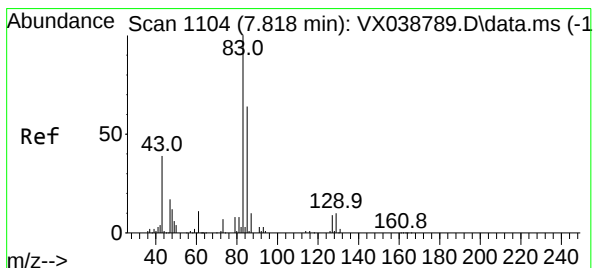
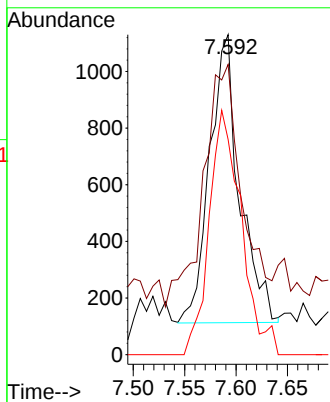
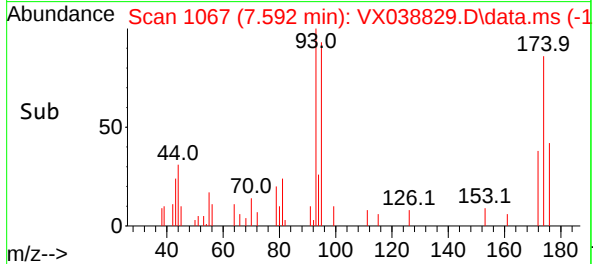
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 93 Resp: 2065
Ion Ratio Lower Upper
93 100
95 106.1 66.6 100.0
174 90.8 69.4 104.0

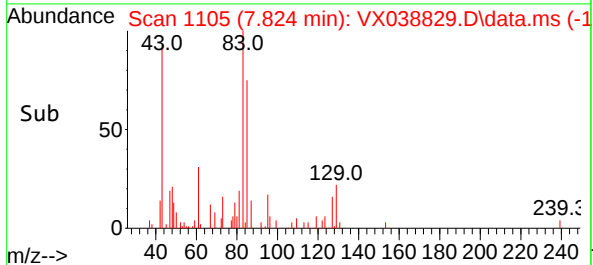
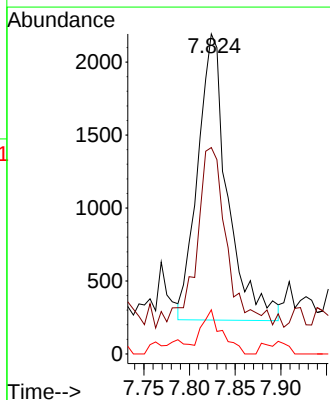
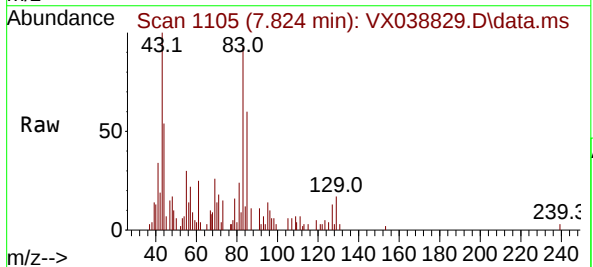
Manual Integrations
APPROVED

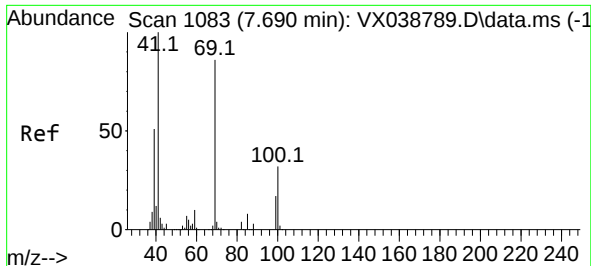
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#47
Bromodichloromethane
Concen: 1.132 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 83 Resp: 4450
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.6
127 11.7 7.1 10.7





#48

Methyl methacrylate

Concen: 1.265 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 4770

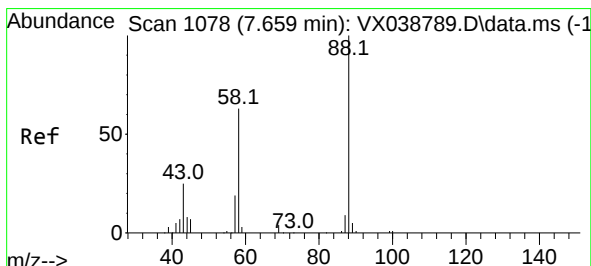
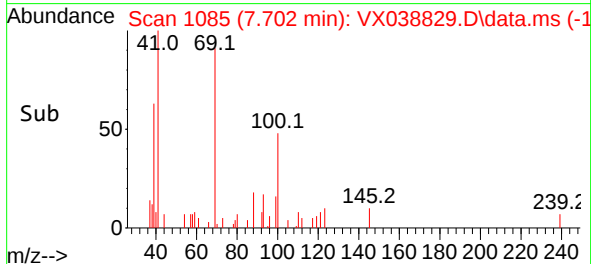
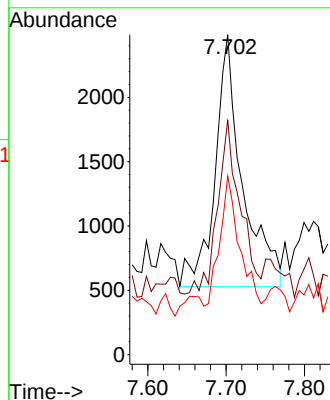
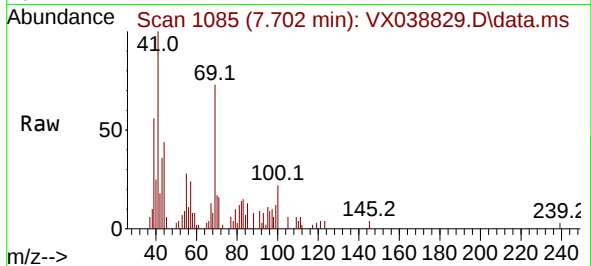
Ion	Ratio	Lower	Upper
41	100		
69	56.8	59.2	88.8
39	37.2	47.7	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#49

1,4-Dioxane

Concen: 20.565 ug/l

RT: 7.665 min Scan# 1079

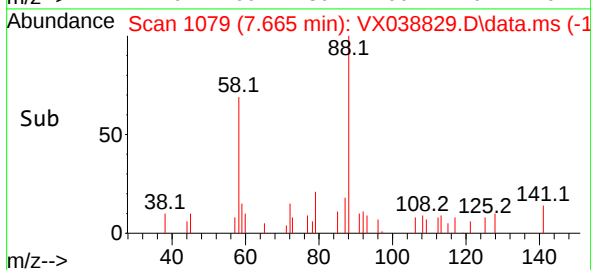
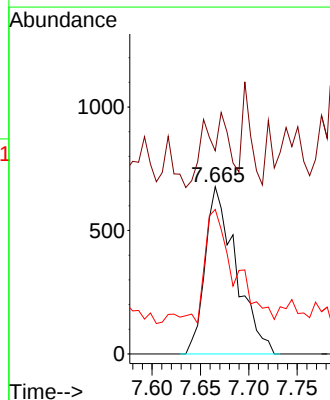
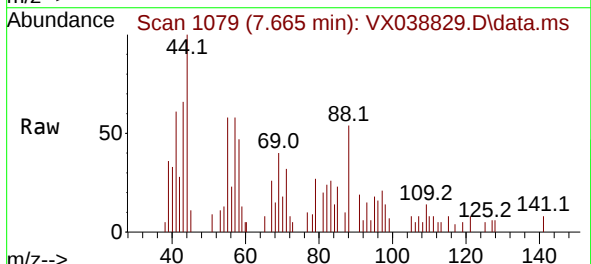
Delta R.T. 0.006 min

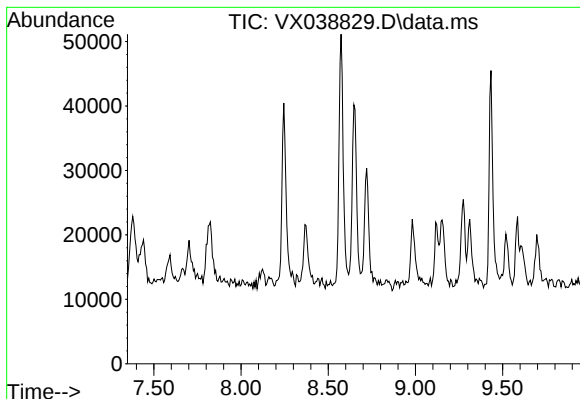
Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Tgt Ion: 88 Resp: 1500

Ion	Ratio	Lower	Upper
88	100		
43	18.5	0.0	0.0
58	71.1	60.1	90.1





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

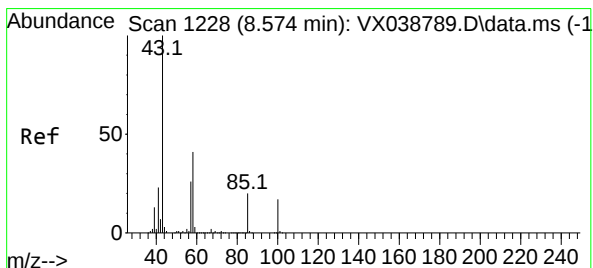
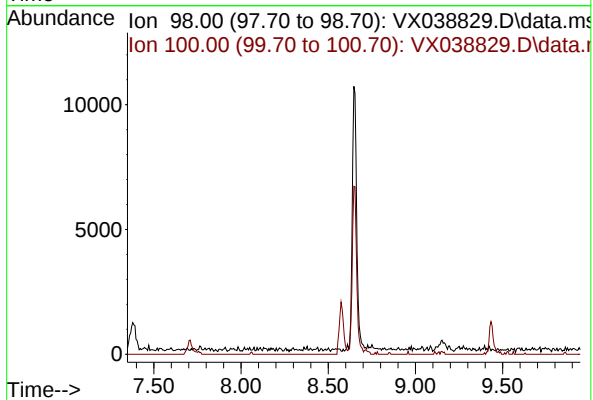
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.4

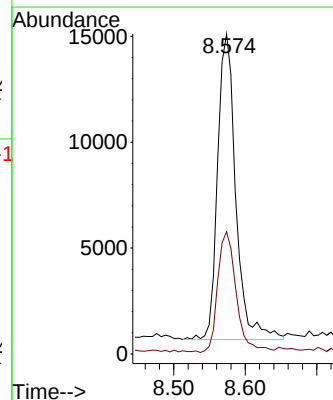
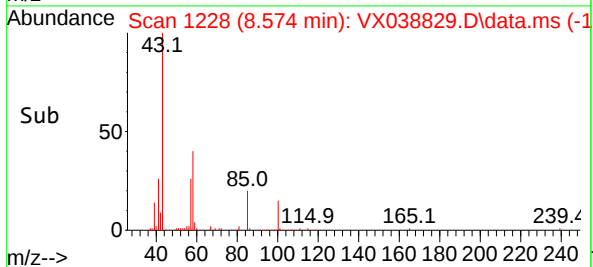
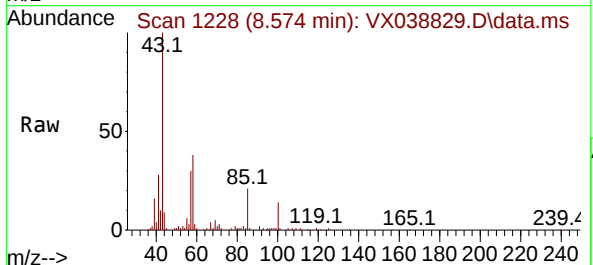
Manual Integrations
APPROVED

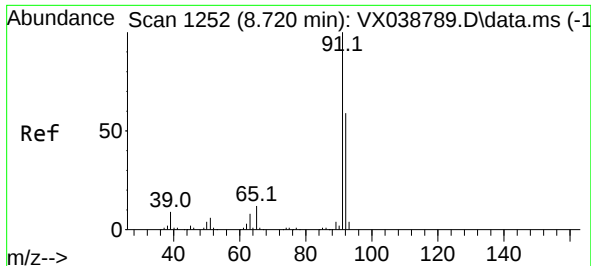
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#51
4-Methyl-2-Pentanone
Concen: 5.131 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

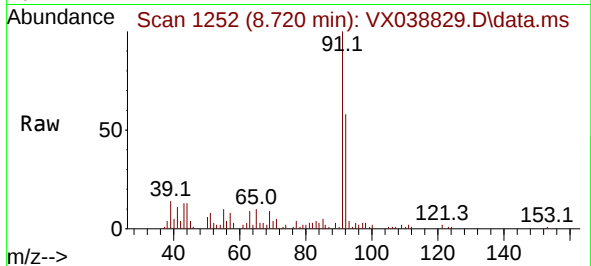
Tgt Ion: 43 Resp: 25480
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6





#52
Toluene
Concen: 1.146 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

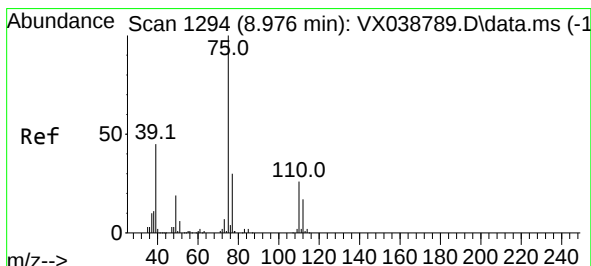
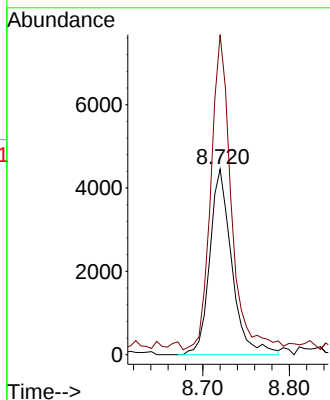
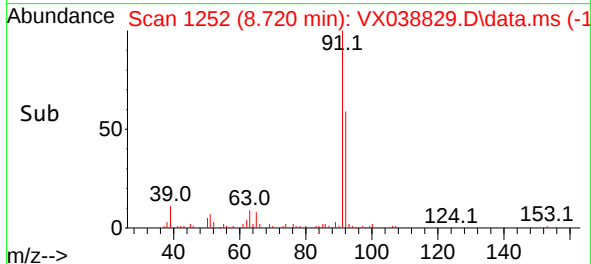
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



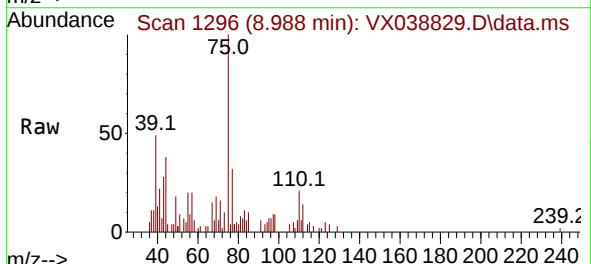
Tgt Ion: 92 Resp: 785
Ion Ratio Lower Upper
92 100
91 156.9 134.2 201.2

Manual Integrations
APPROVED

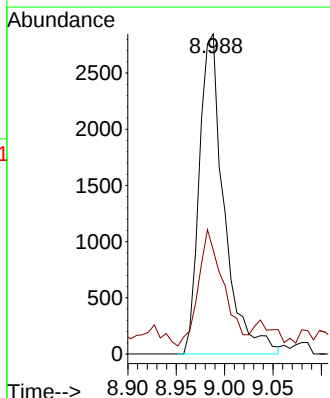
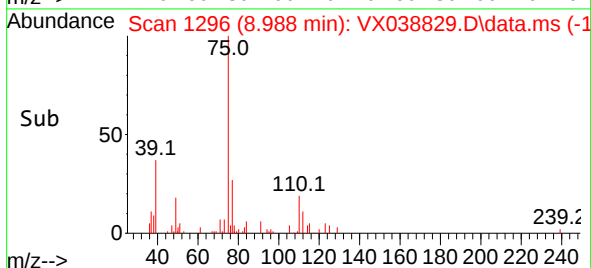
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

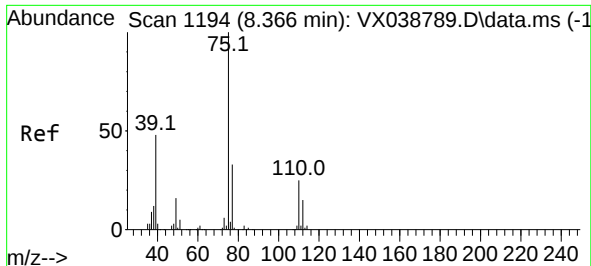


#53
t-1,3-Dichloropropene
Concen: 1.089 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48



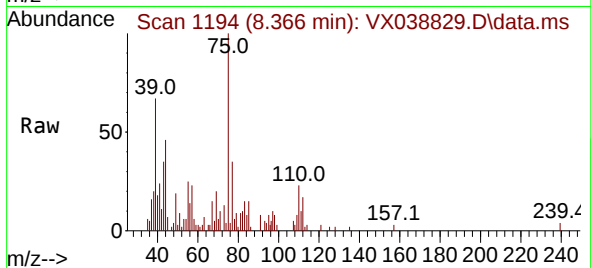
Tgt Ion: 75 Resp: 5090
Ion Ratio Lower Upper
75 100
77 30.0 25.7 38.5





#54
cis-1,3-Dichloropropene
Concen: 1.017 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

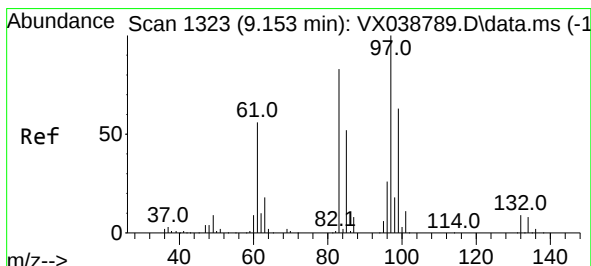
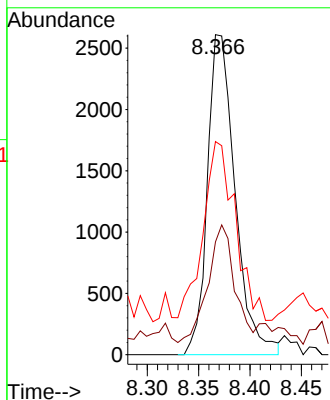
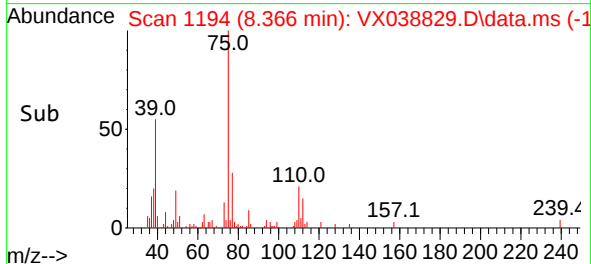
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 4900
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 55.1 46.7 70.1

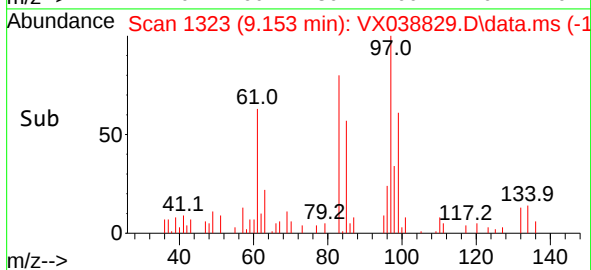
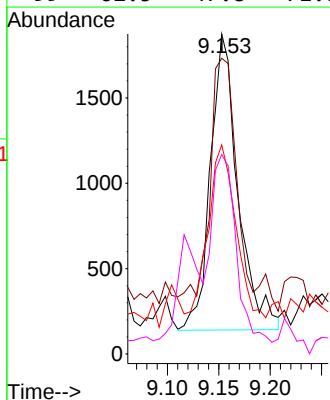
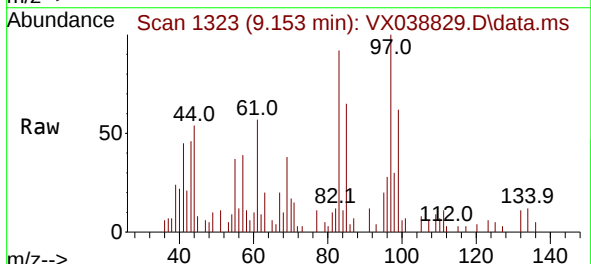
Manual Integrations
APPROVED

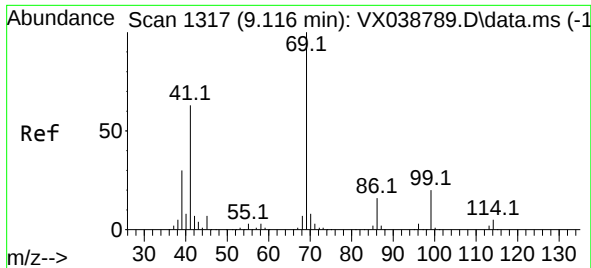
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#55
1,1,2-Trichloroethane
Concen: 1.130 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 97 Resp: 3230
Ion Ratio Lower Upper
97 100
83 85.7 65.8 98.8
85 53.1 41.6 62.4
99 62.5 47.8 71.8





#56
Ethyl methacrylate
Concen: 0.941 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

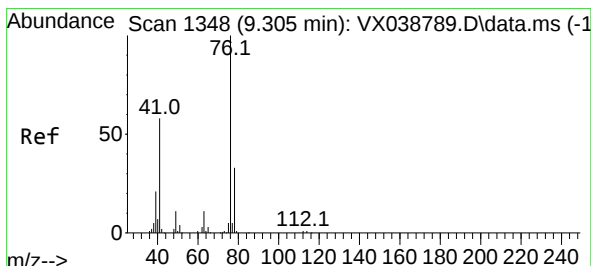
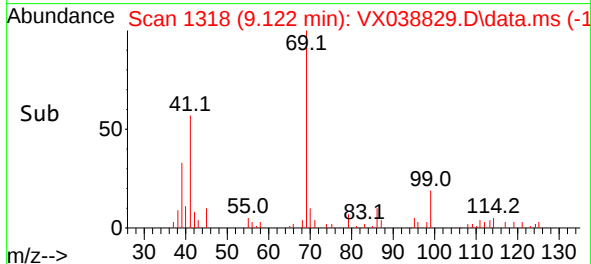
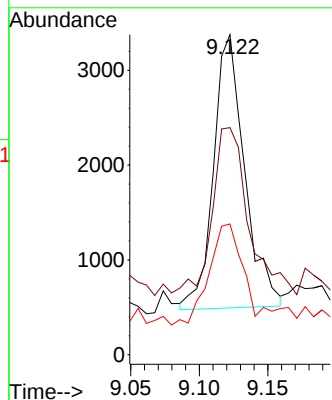
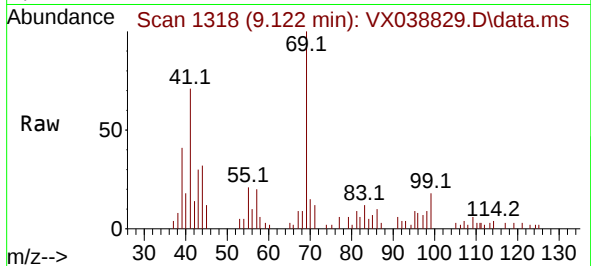
Tgt Ion: 69 Resp: 455
Ion Ratio Lower Upper
69 100
41 75.0 56.8 85.2
39 42.0 32.0 48.0

Manual Integrations

APPROVED

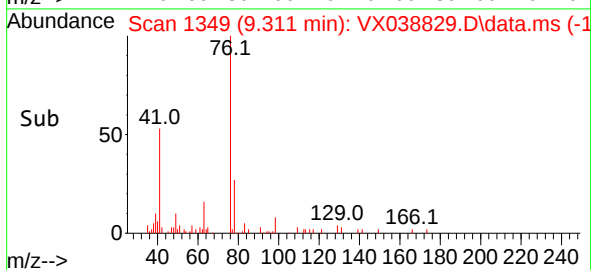
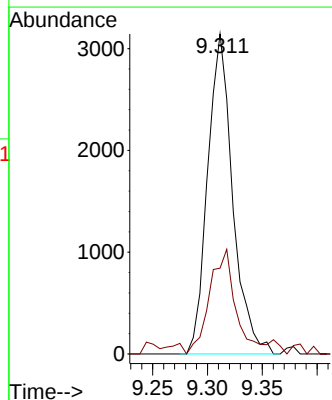
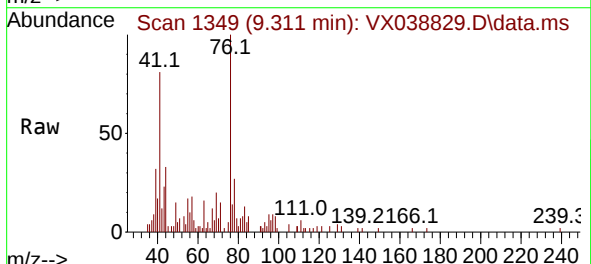
Reviewed By :John Carlone 11/17/2023

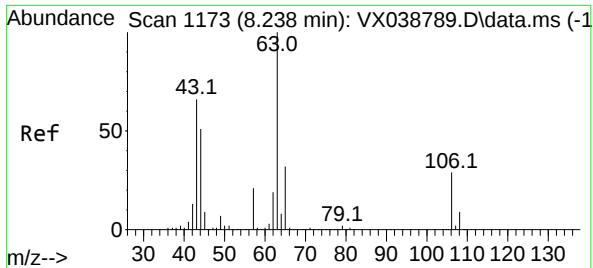
Supervised By :Mahesh Dadoda 11/17/2023



#57
1,3-Dichloropropane
Concen: 1.055 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 76 Resp: 4988
Ion Ratio Lower Upper
76 100
78 35.8 26.1 39.1





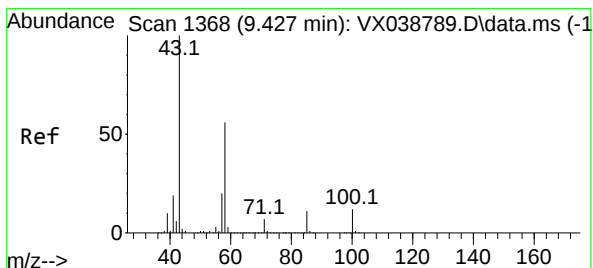
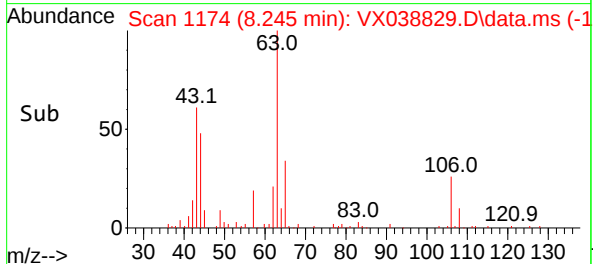
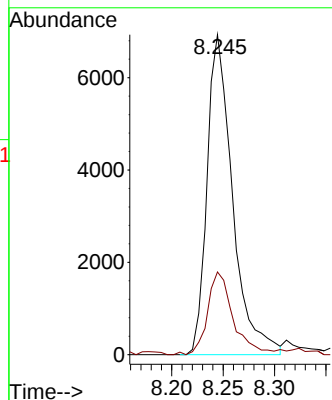
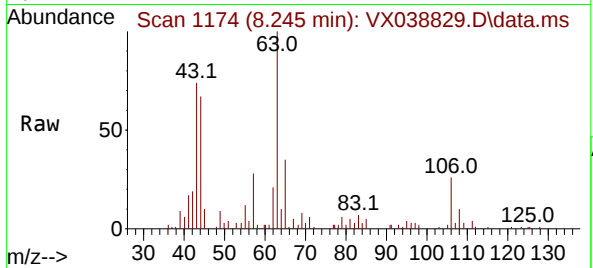
#58
2-Chloroethyl Vinyl ether
Concen: 5.316 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 11970
Ion Ratio Lower Upper
63 100
106 25.9 22.5 33.7

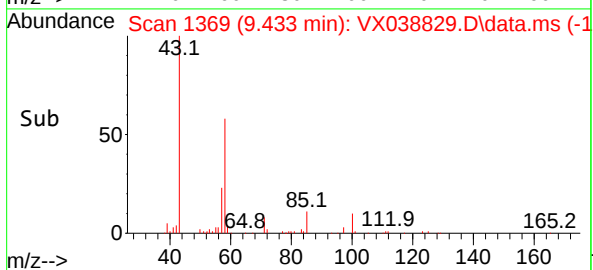
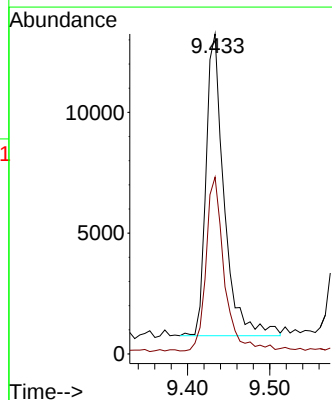
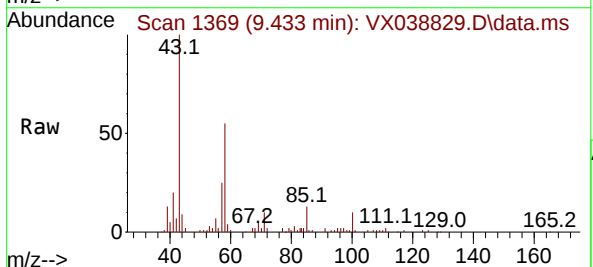
Manual Integrations
APPROVED

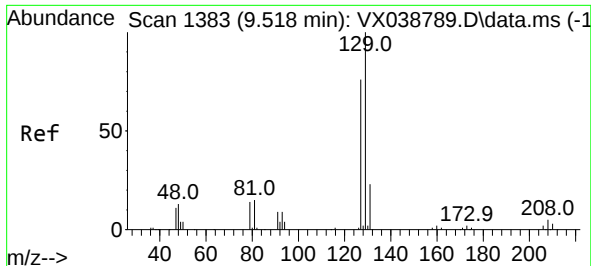
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#59
2-Hexanone
Concen: 4.781 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 43 Resp: 19031
Ion Ratio Lower Upper
43 100
58 58.2 26.2 78.5





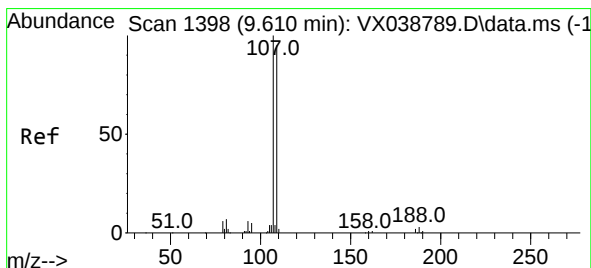
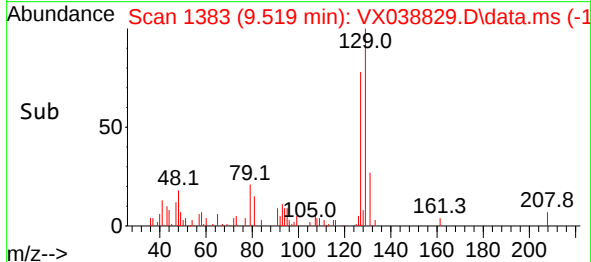
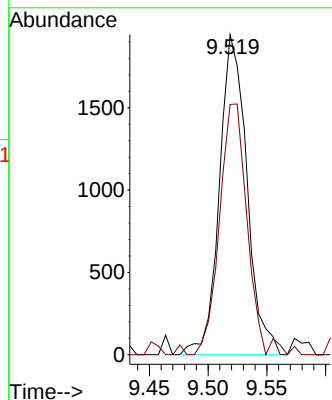
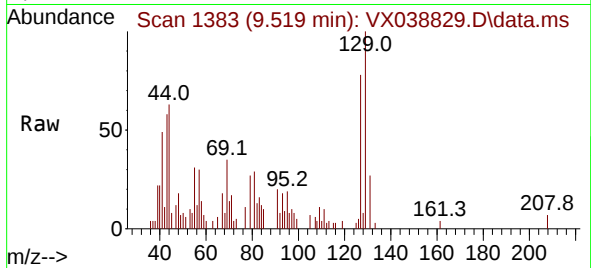
#60
Dibromochloromethane
Concen: 1.088 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 316
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.4

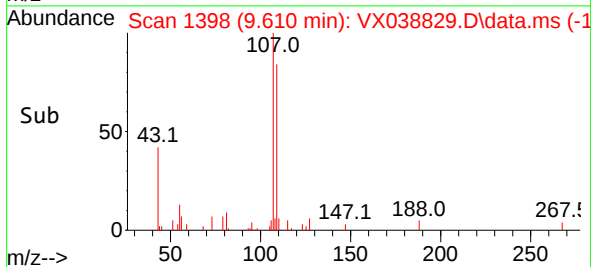
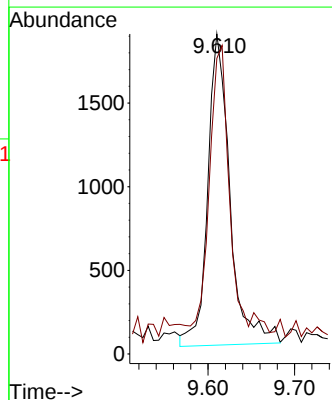
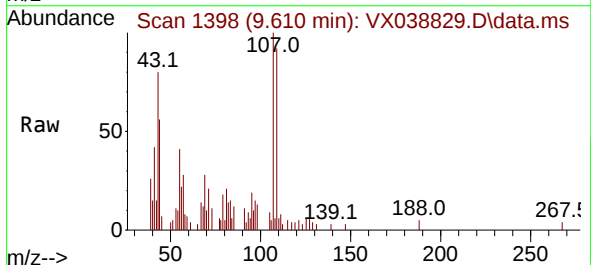
Manual Integrations
APPROVED

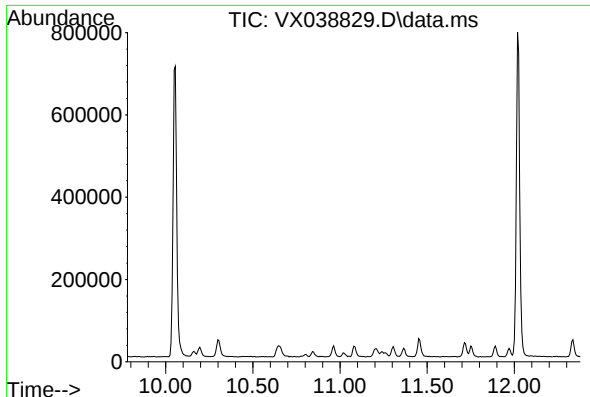
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#61
1,2-Dibromoethane
Concen: 1.105 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion:107 Resp: 3314
Ion Ratio Lower Upper
107 100
109 75.0 75.2 112.8#





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.08 min

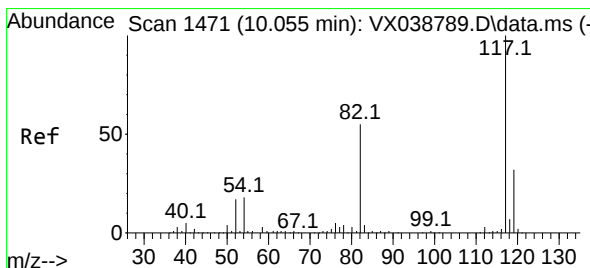
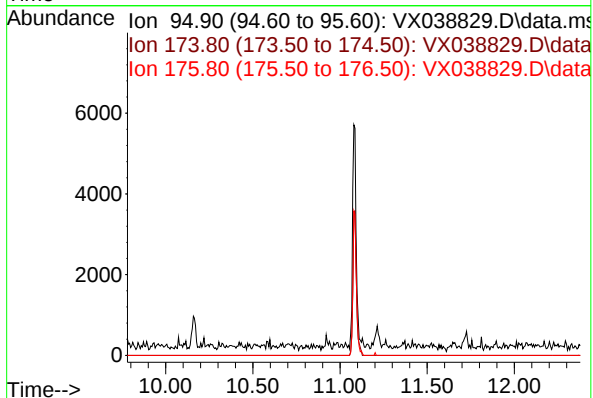
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 67.8
176 65.5

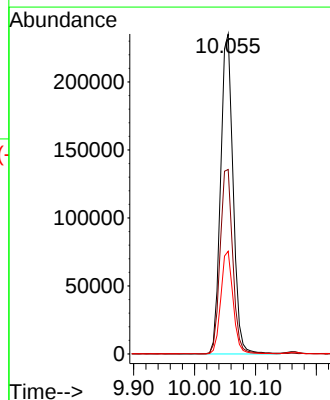
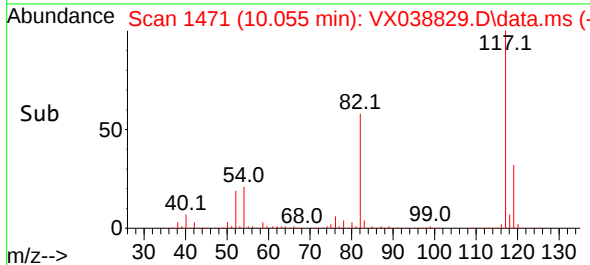
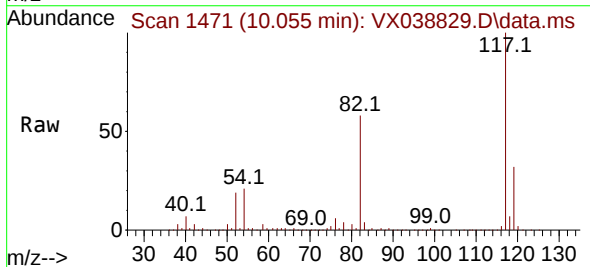
Manual Integrations
APPROVED

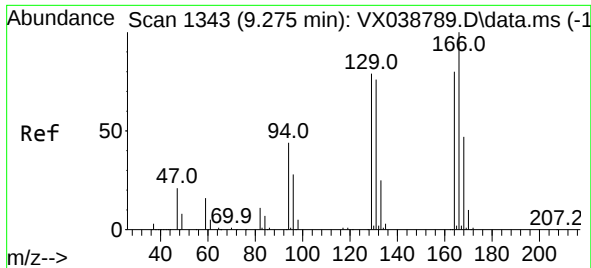
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion:117 Resp: 333867
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.0 25.5 38.3





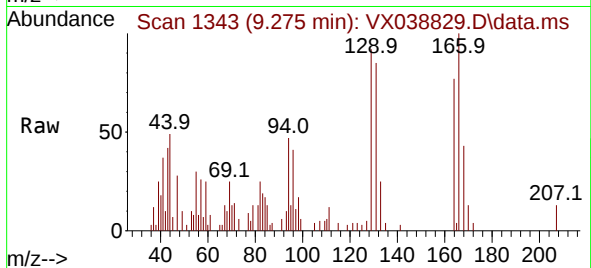
#64
Tetrachloroethene
Concen: 1.157 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001



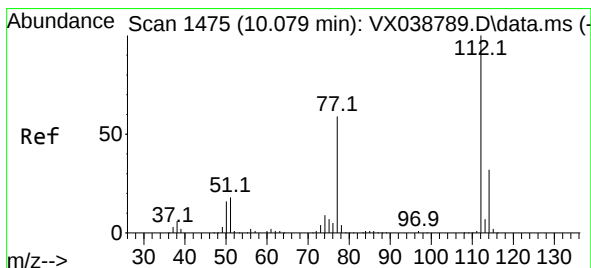
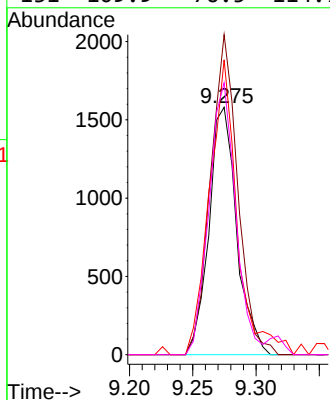
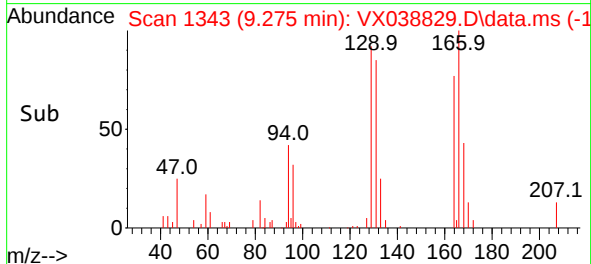
Tgt Ion:	164	Resp:	240
Ion Ratio	Lower	Upper	
164	100		
166	129.4	102.7	154.1
129	119.2	80.4	120.6
131	109.9	76.5	114.7

Manual Integrations

APPROVED

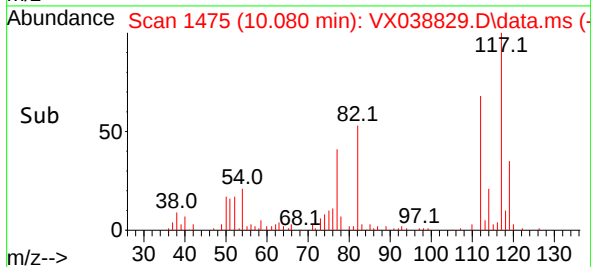
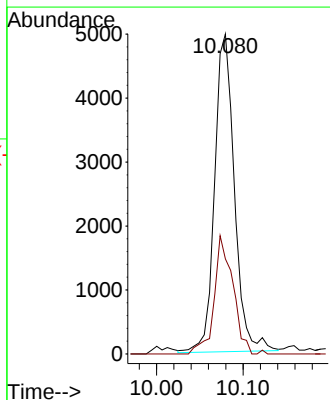
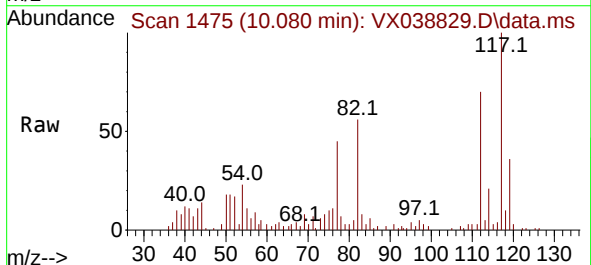
Reviewed By :John Carlone 11/17/2023

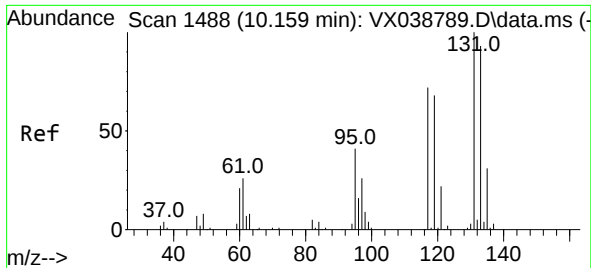
Supervised By :Mahesh Dadoda 11/17/2023



#65
Chlorobenzene
Concen: 1.098 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

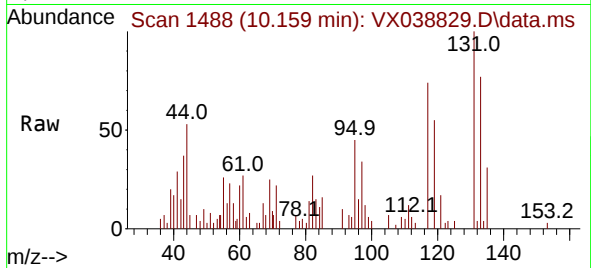
Tgt Ion:	112	Resp:	7899
Ion Ratio	Lower	Upper	
112	100		
114	30.0	25.7	38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 1.136 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

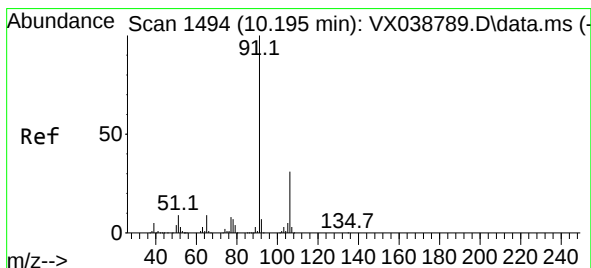
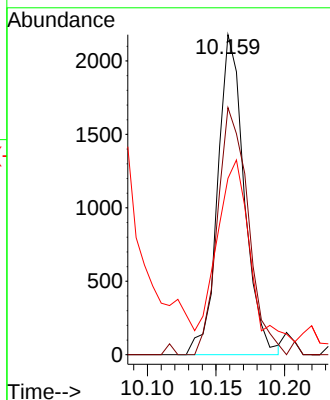
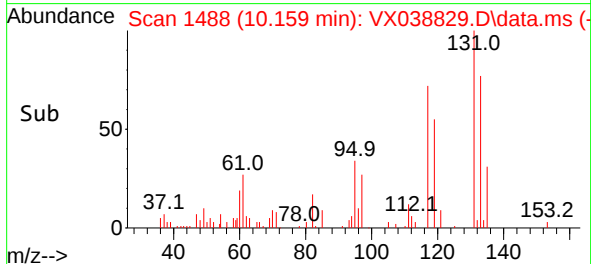
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:131 Resp: 2940
Ion Ratio Lower Upper
131 100
133 89.4 47.1 141.4
119 0.0 32.2 96.6

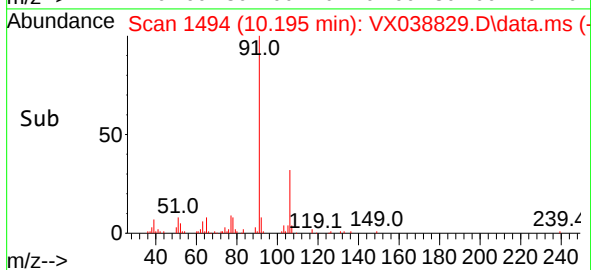
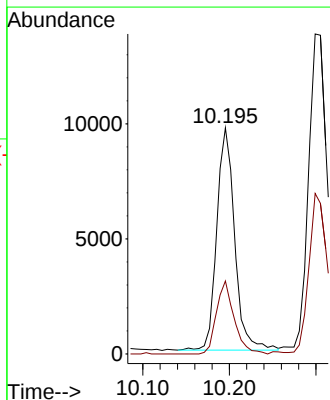
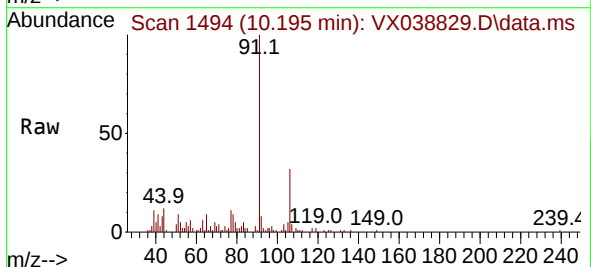
Manual Integrations
APPROVED

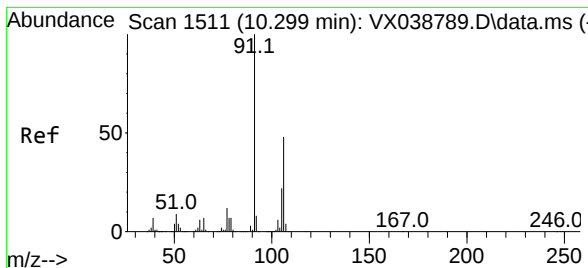
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#67
Ethyl Benzene
Concen: 1.050 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

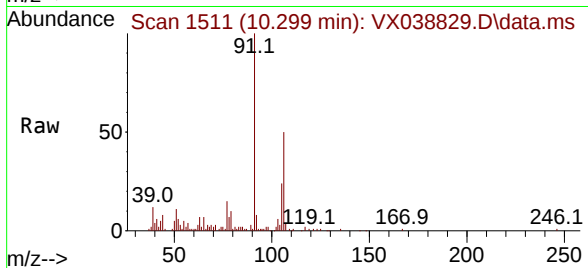
Tgt Ion: 91 Resp: 13870
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3





#68
m/p-Xylenes
Concen: 2.096 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

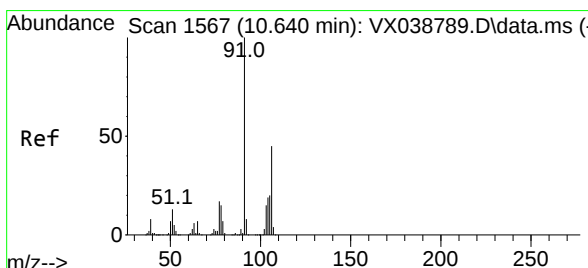
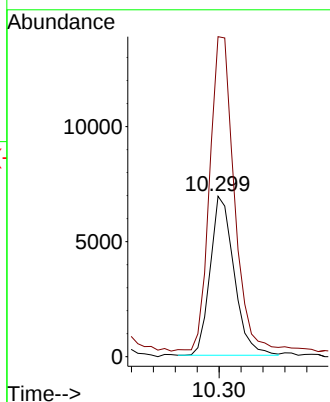
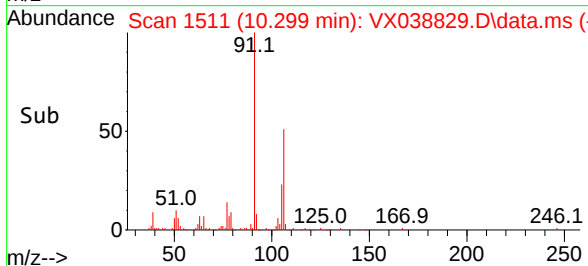
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



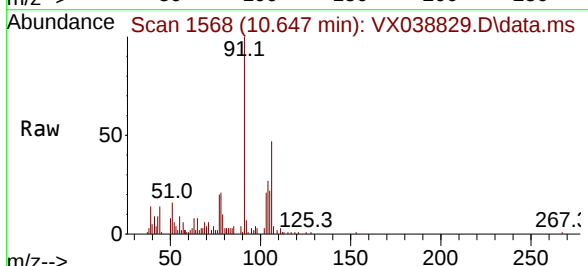
Tgt Ion:106 Resp: 10479
Ion Ratio Lower Upper
106 100
91 208.4 165.5 248.3

Manual Integrations
APPROVED

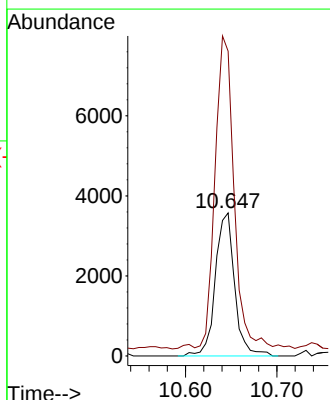
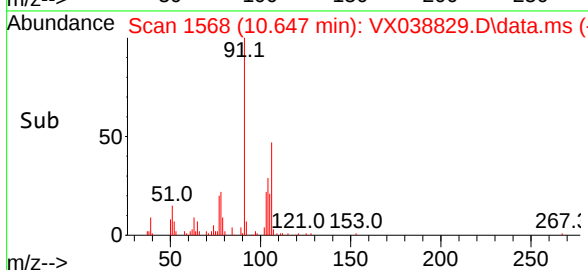
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

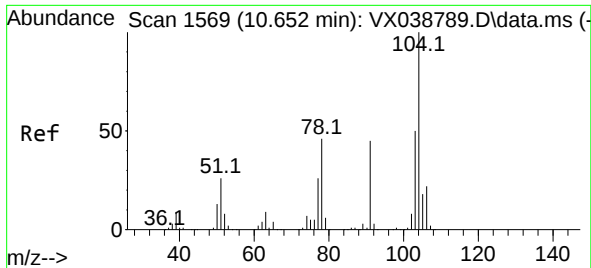


#69
o-Xylene
Concen: 1.059 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48



Tgt Ion:106 Resp: 5240
Ion Ratio Lower Upper
106 100
91 218.4 108.9 326.8





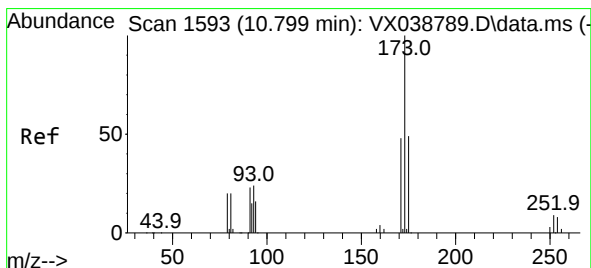
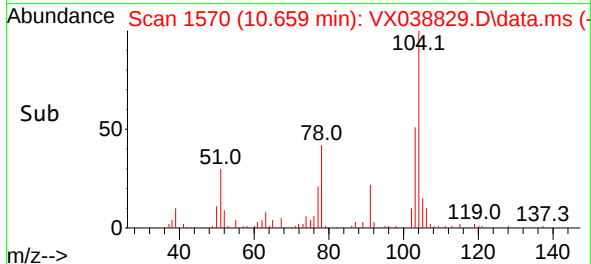
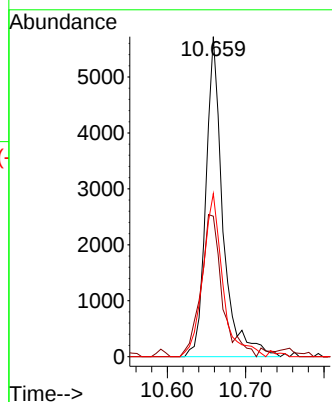
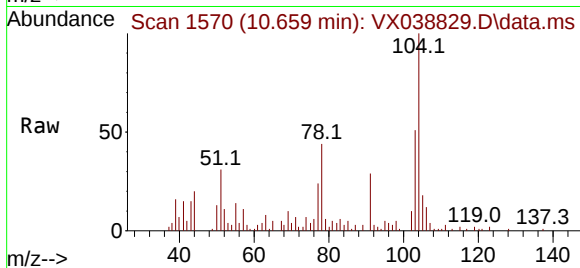
#70
Styrene
Concen: 1.031 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 861
Ion Ratio Lower Upper
104 100
78 55.6 43.6 65.4
103 59.5 43.6 65.4

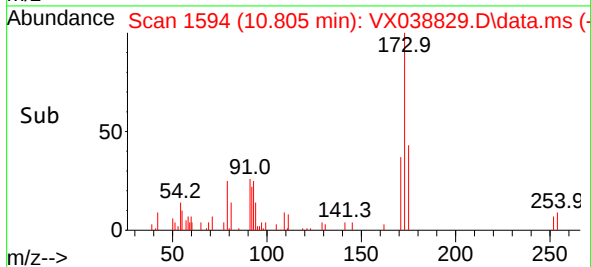
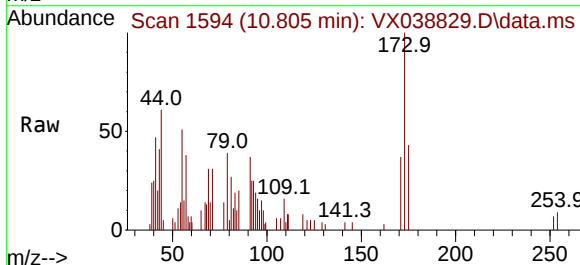
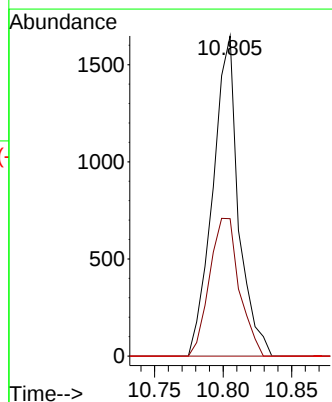
Manual Integrations
APPROVED

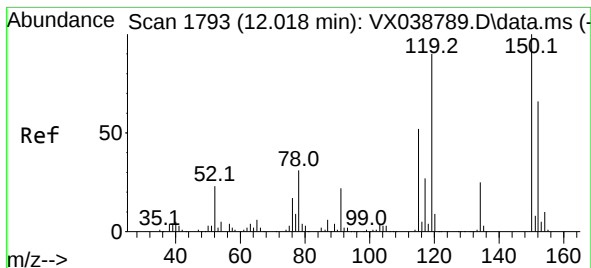
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#71
Bromoform
Concen: 0.996 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion:173 Resp: 2147
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:152 Resp: 157300

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

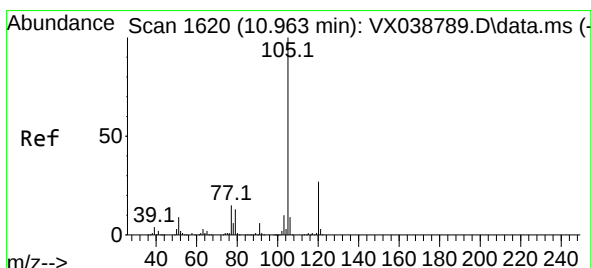
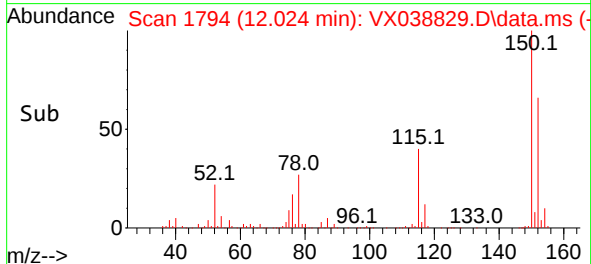
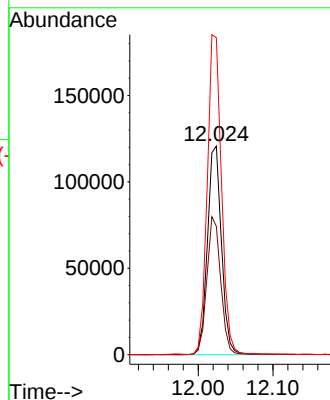
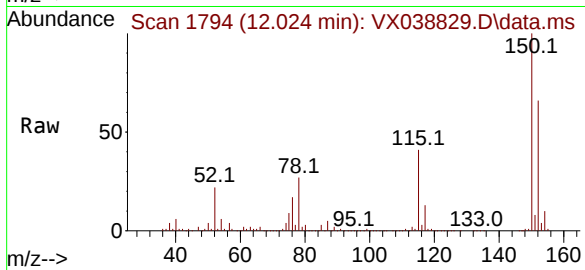
150 155.3 0.0 345.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#73

Isopropylbenzene

Concen: 1.136 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038829.D

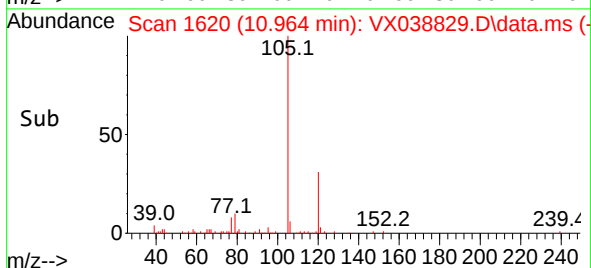
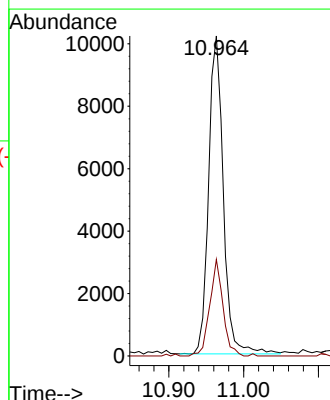
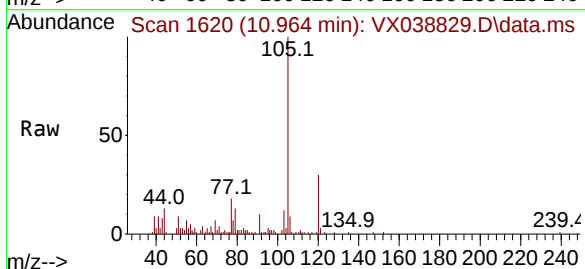
Acq: 16 Nov 2023 09:48

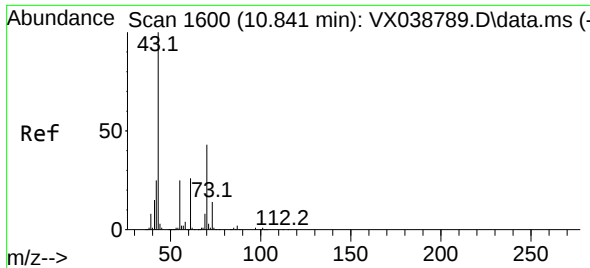
Tgt Ion:105 Resp: 13926

Ion Ratio Lower Upper

105 100

120 27.3 12.9 38.6





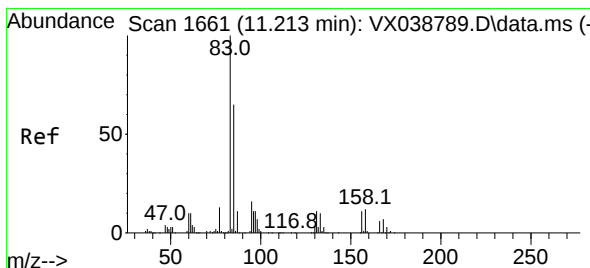
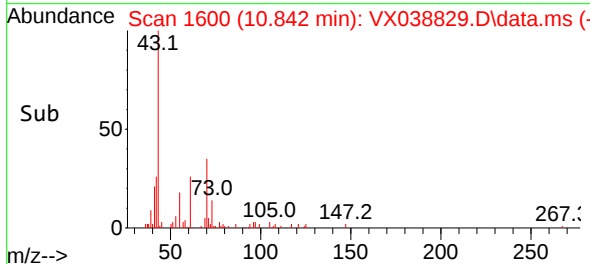
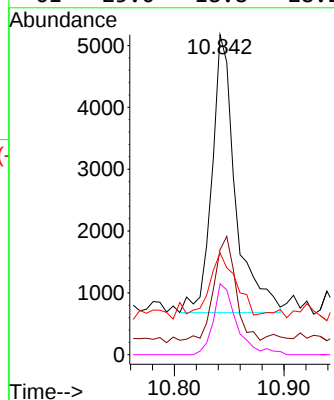
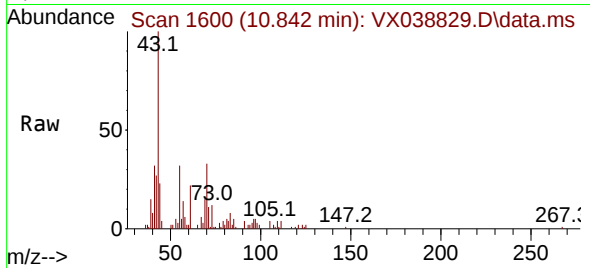
#74
N-amy1 acetate
Concen: 1.038 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 6728
Ion Ratio	Lower Upper
43 100	
70 36.8	32.9 49.3
55 26.0	19.3 28.9
61 25.0	18.8 28.2

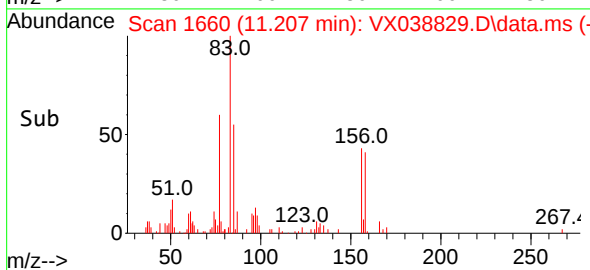
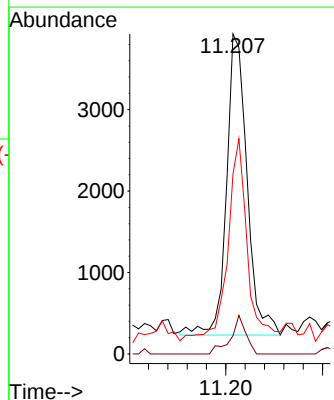
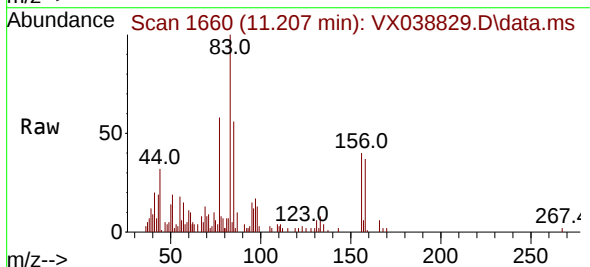
Manual Integrations
APPROVED

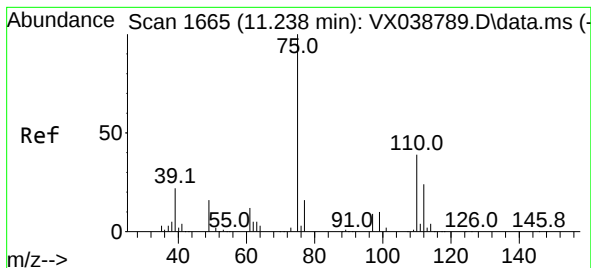
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.142 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 83	Resp: 5465
Ion Ratio	Lower Upper
83 100	
131 9.4	5.3 15.8
85 64.1	32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 1.142 ug/l m

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 436

Ion Ratio Lower Upper

75 100

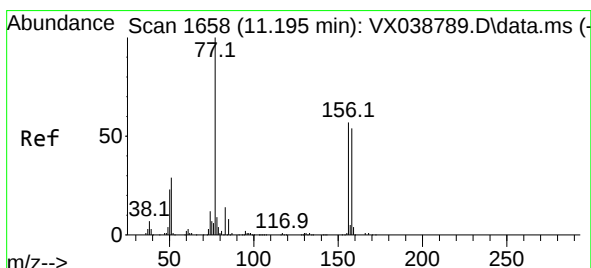
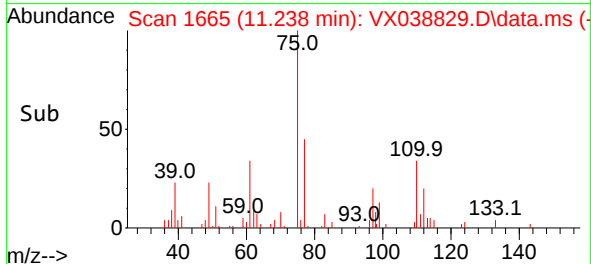
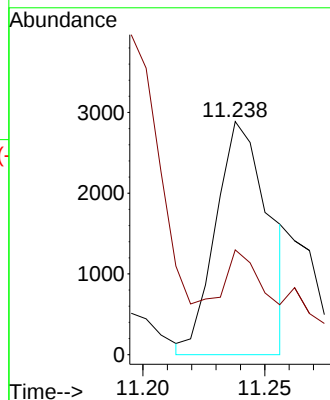
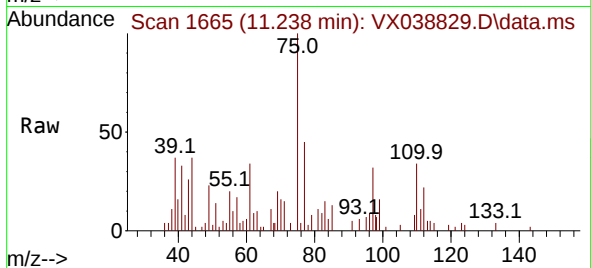
77 45.2 19.1 57.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#77

Bromobenzene

Concen: 1.121 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

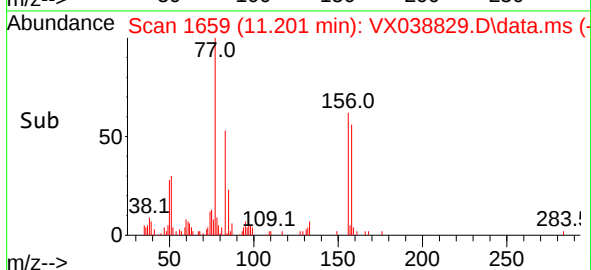
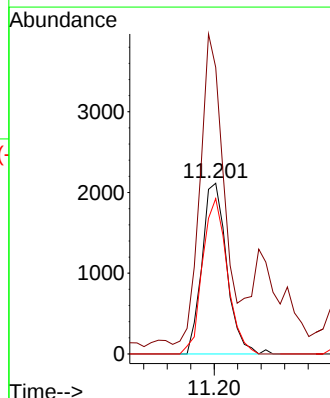
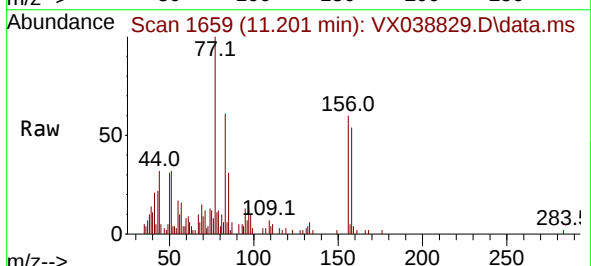
Tgt Ion:156 Resp: 3088

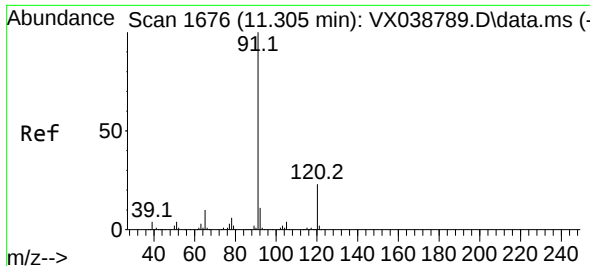
Ion Ratio Lower Upper

156 100

77 170.6 88.4 265.3

158 91.4 48.0 144.0





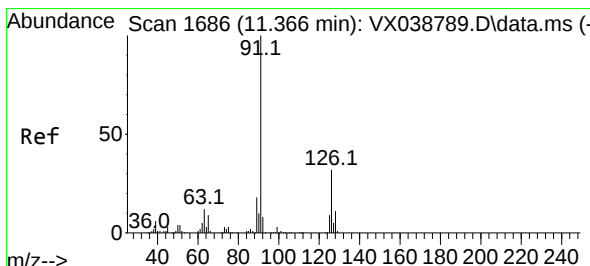
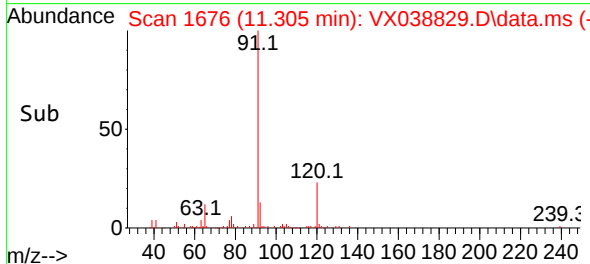
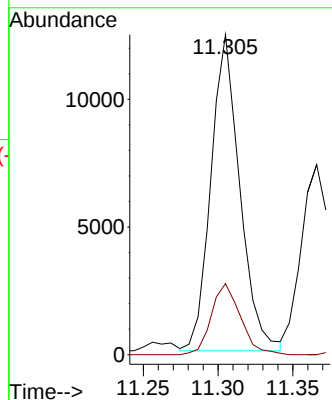
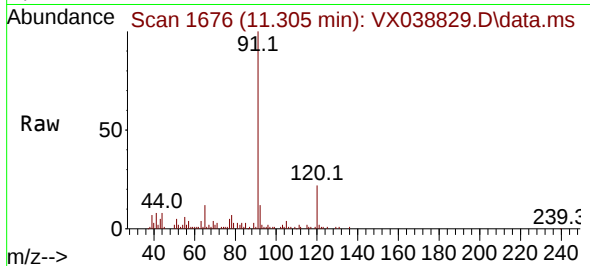
#78
n-propylbenzene
Concen: 1.104 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 16650
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

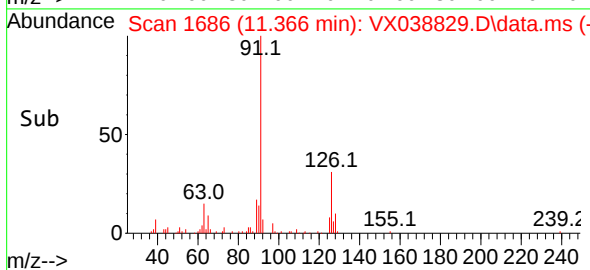
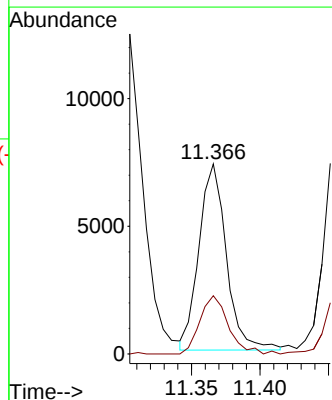
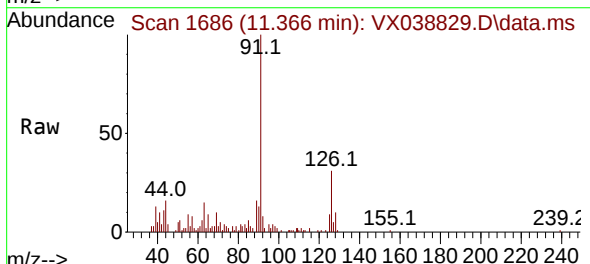
Manual Integrations
APPROVED

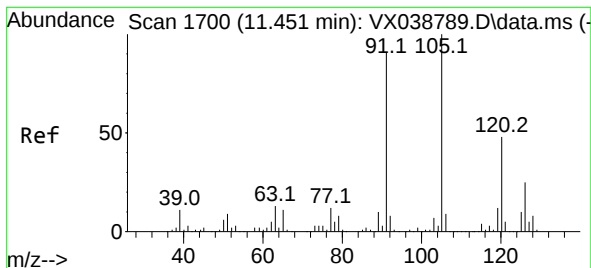
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#79
2-Chlorotoluene
Concen: 1.135 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 91 Resp: 10161
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 1.066 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 1098

Ion Ratio Lower Upper

105 100

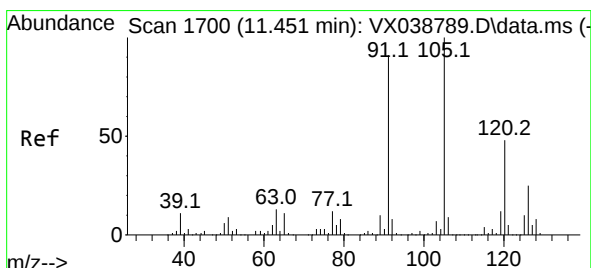
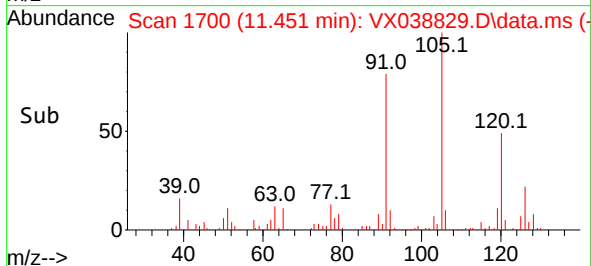
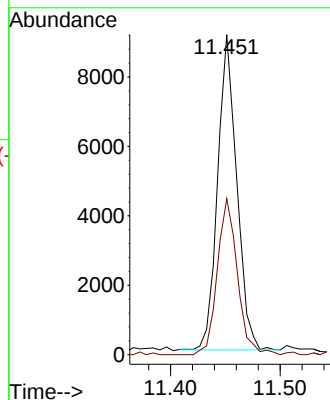
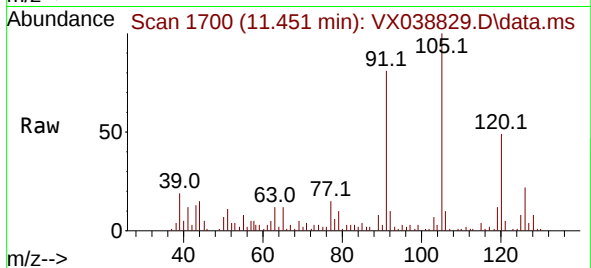
120 52.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#82

4-Chlorotoluene

Concen: 1.104 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX038829.D

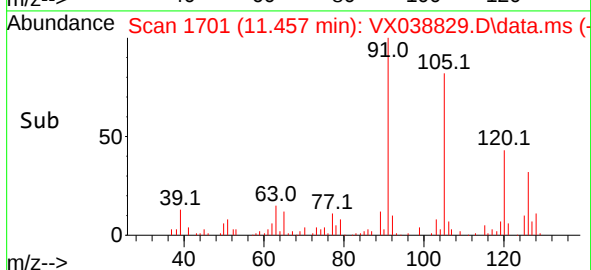
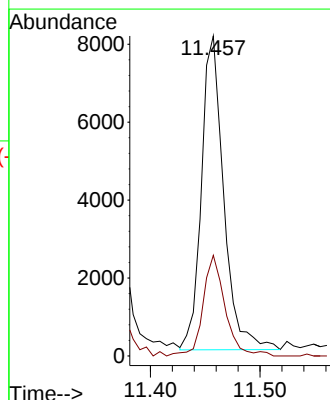
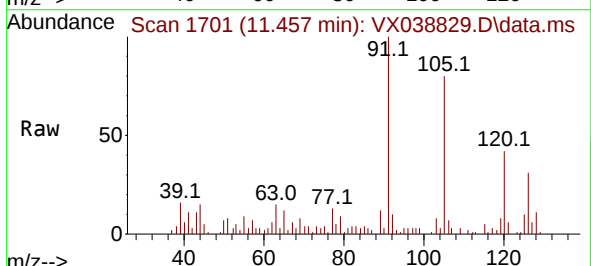
Acq: 16 Nov 2023 09:48

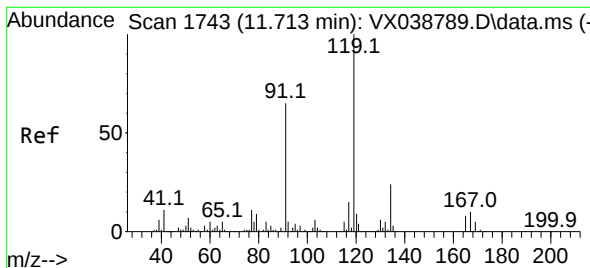
Tgt Ion: 91 Resp: 11400

Ion Ratio Lower Upper

91 100

126 31.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 1.099 ug/l

RT: 11.713 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

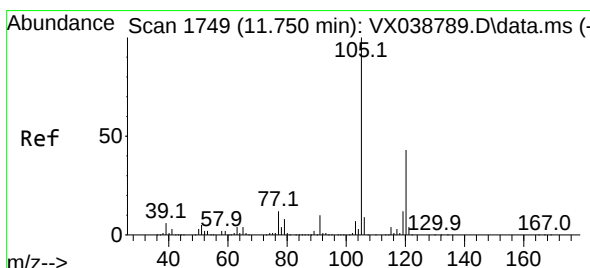
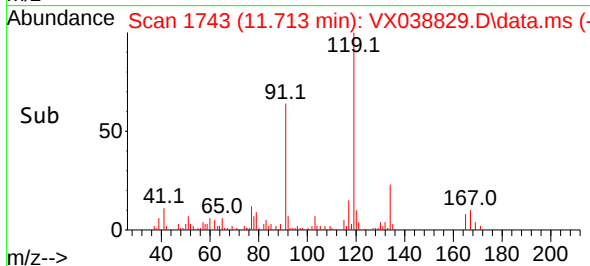
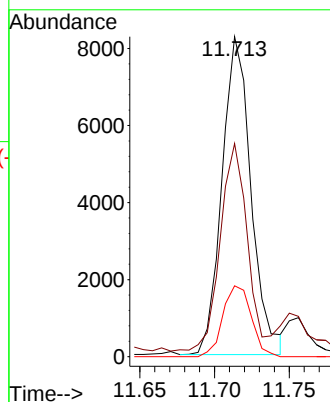
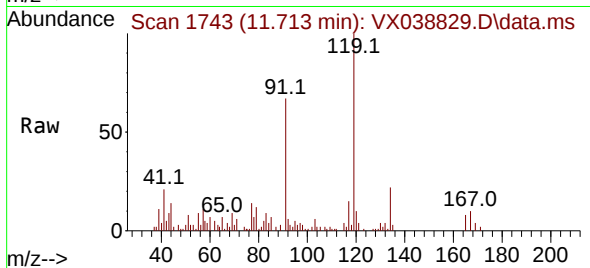
Tgt Ion:	119	Resp:	1115
Ion Ratio	Lower	Upper	
119	100		
91	60.7	31.2	93.6
134	21.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 1.085 ug/l

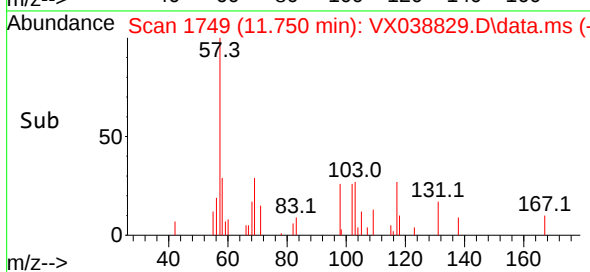
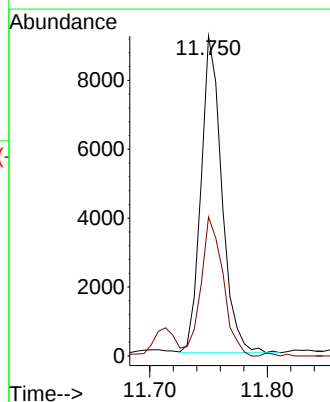
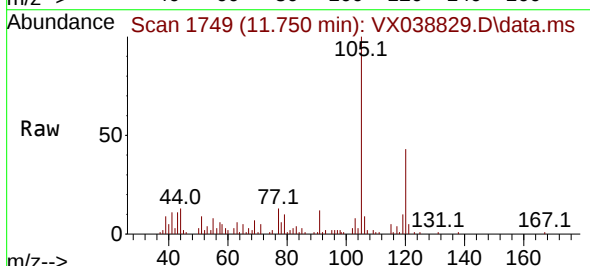
RT: 11.750 min Scan# 1749

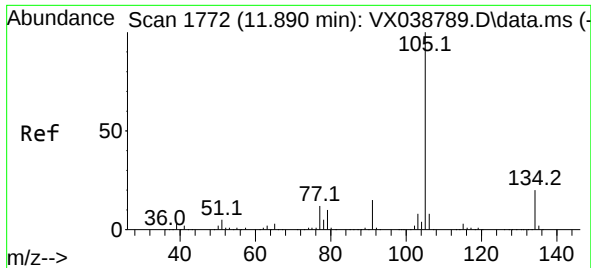
Delta R.T. 0.000 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Tgt Ion:	105	Resp:	11319
Ion Ratio	Lower	Upper	
105	100		
120	46.6	21.2	63.6





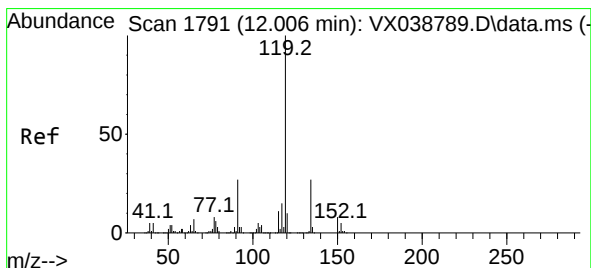
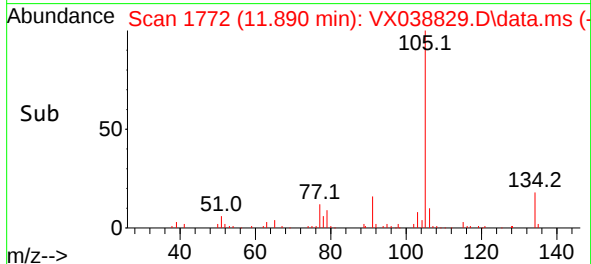
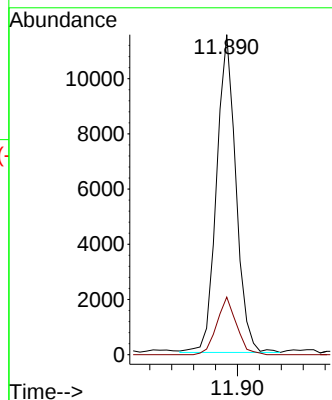
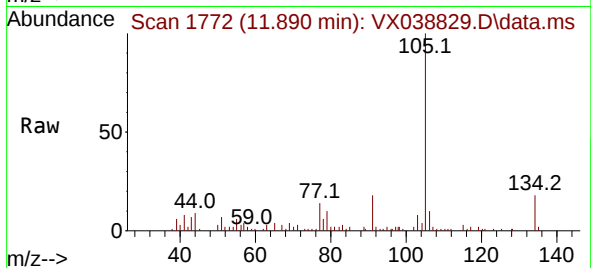
#85
 sec-Butylbenzene
 Concen: 1.065 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038829.D
 Acq: 16 Nov 2023 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 14134
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4

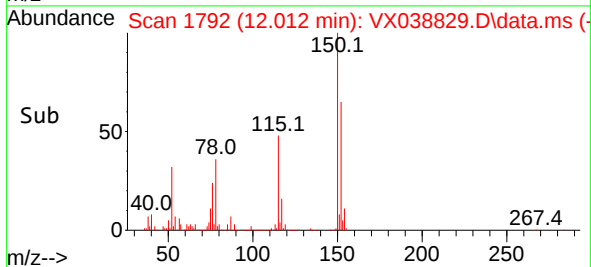
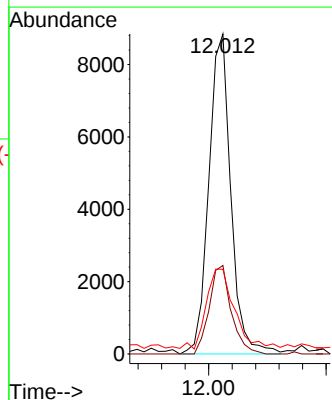
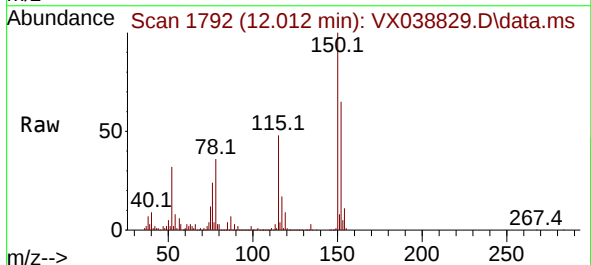
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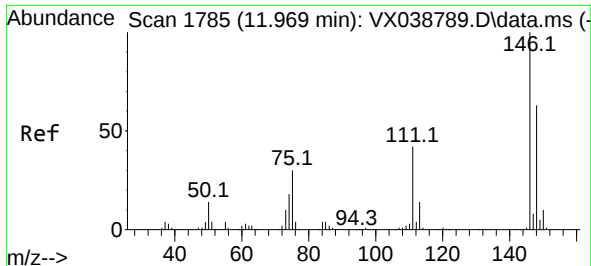
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#86
 p-Isopropyltoluene
 Concen: 1.079 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038829.D
 Acq: 16 Nov 2023 09:48

Tgt Ion:119 Resp: 11497
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.3
 91 31.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.103 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

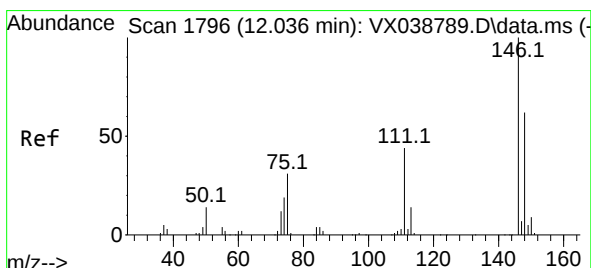
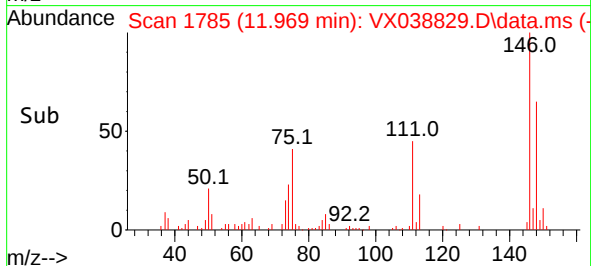
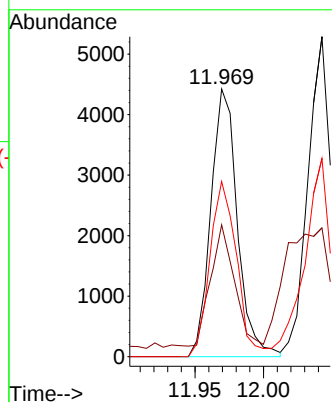
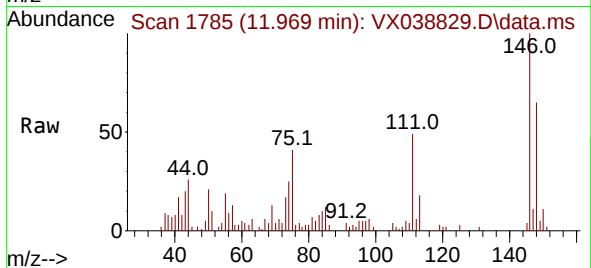
Tgt Ion:146	Resp:	594
Ion Ratio	Lower	Upper
146	100	
111	41.1	22.1 66.1
148	65.6	31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#88

1,4-Dichlorobenzene

Concen: 1.162 ug/l m

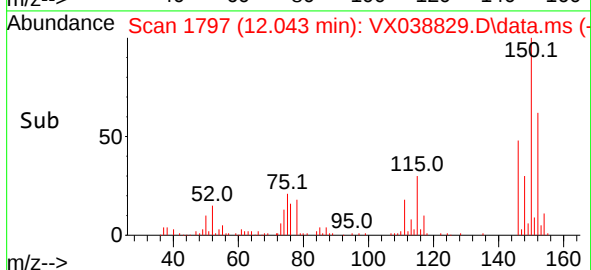
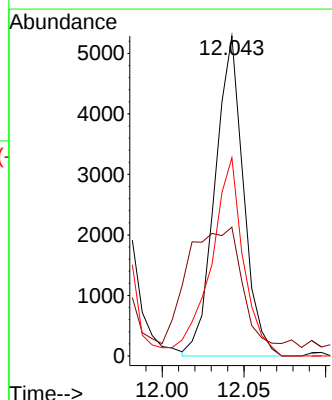
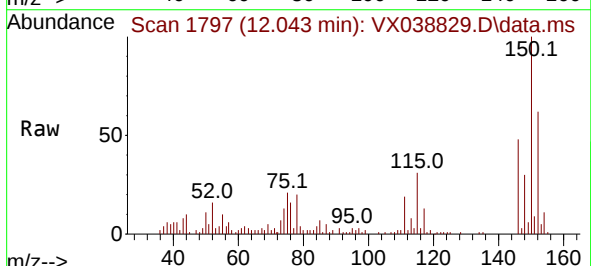
RT: 12.043 min Scan# 1797

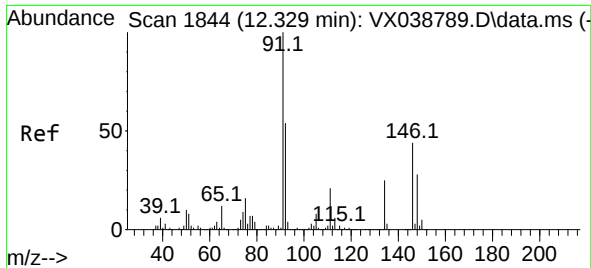
Delta R.T. 0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Tgt Ion:146	Resp:	6413
Ion Ratio	Lower	Upper
146	100	
111	38.1	21.3 63.7
148	60.8	31.8 95.4





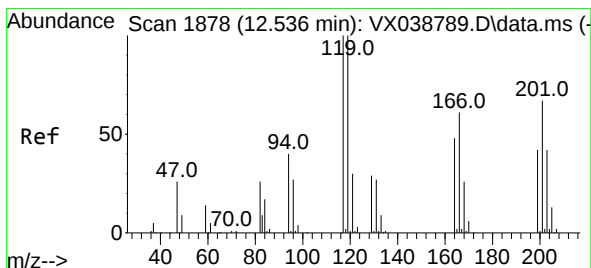
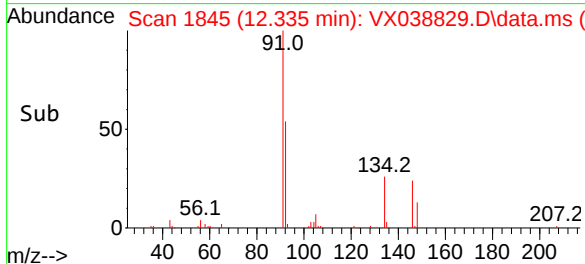
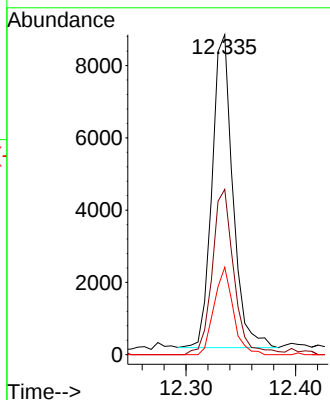
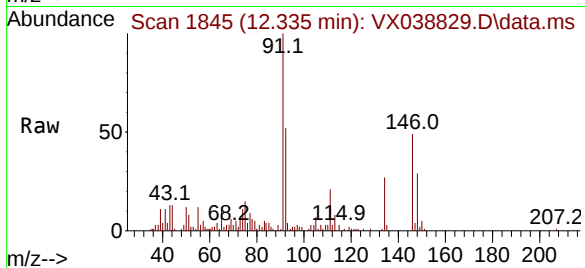
#89
n-Butylbenzene
Concen: 1.062 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 11420
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.0
134 25.6 12.6 37.8

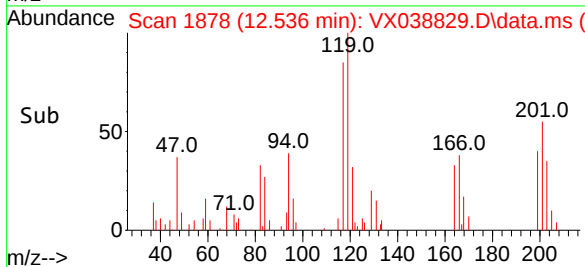
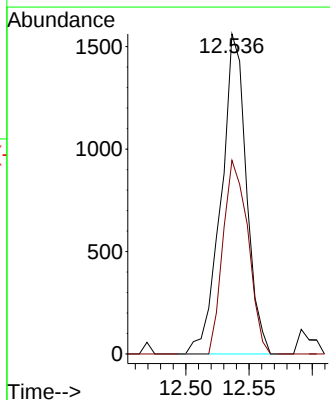
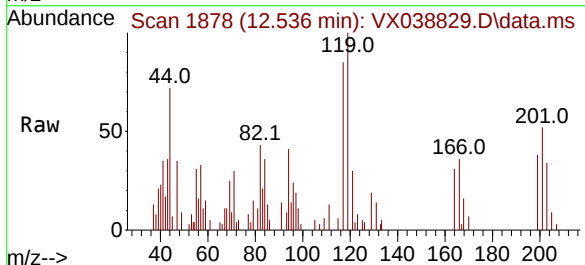
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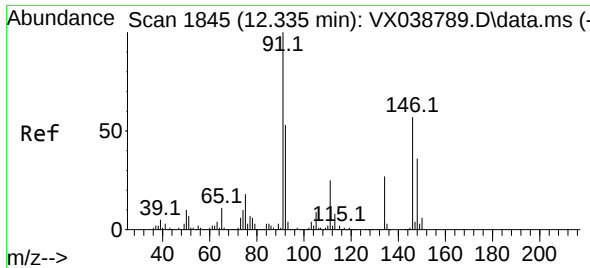
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 1.019 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion:117 Resp: 2169
Ion Ratio Lower Upper
117 100
201 59.8 32.9 98.6





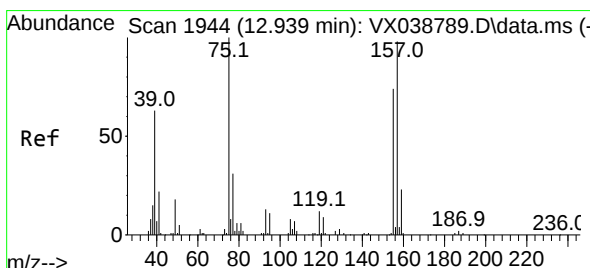
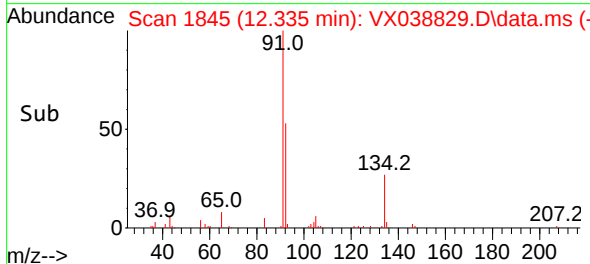
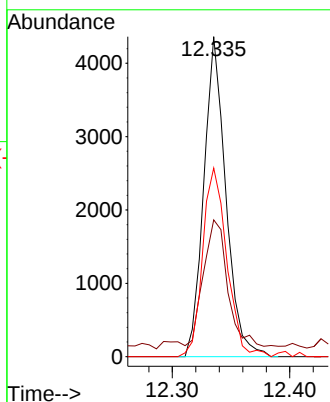
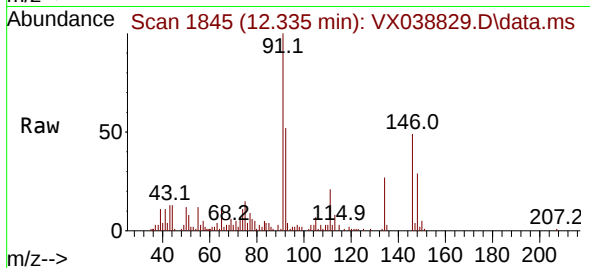
#91
1,2-Dichlorobenzene
Concen: 1.112 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 568
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.0
148 64.5 31.6 95.0

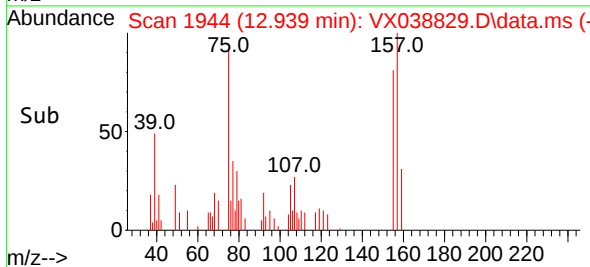
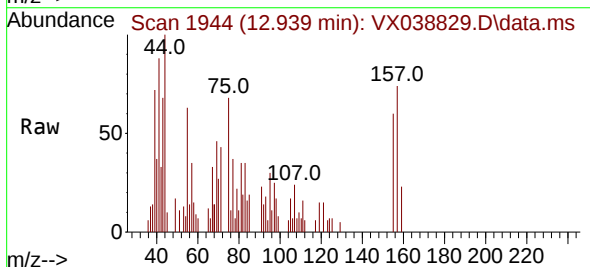
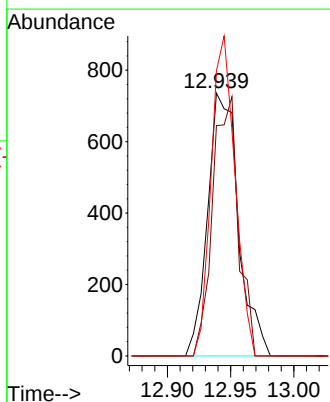
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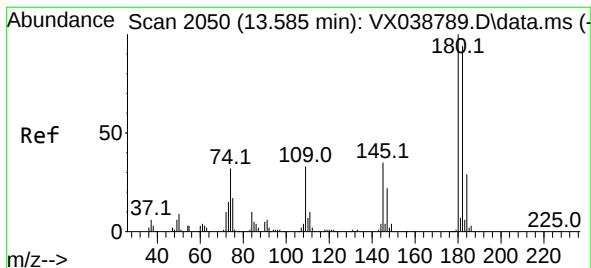
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.062 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
155 82.1 36.1 108.5
157 94.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 1.118 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

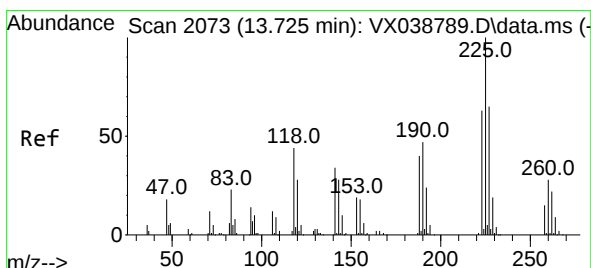
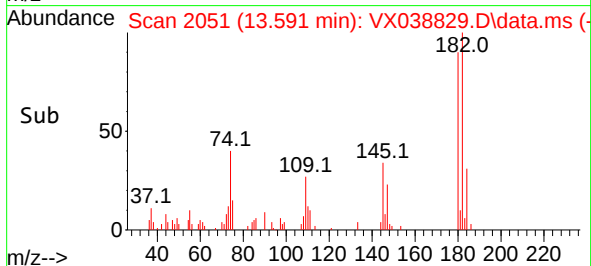
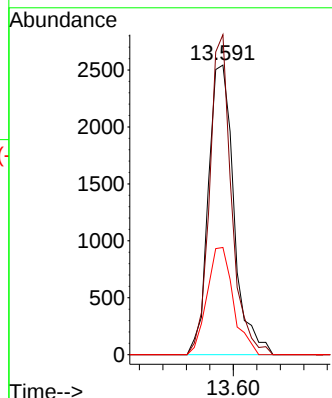
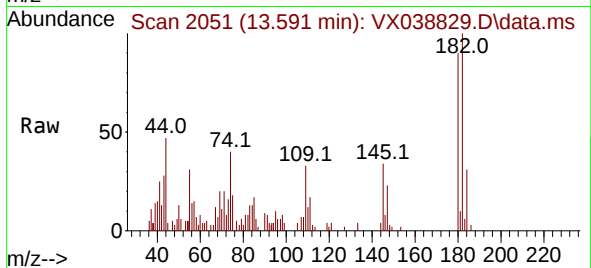
Tgt Ion:180	Resp:	383
Ion Ratio	Lower	Upper
180	100	
182	94.7	48.3 144.8
145	38.2	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 1.092 ug/l

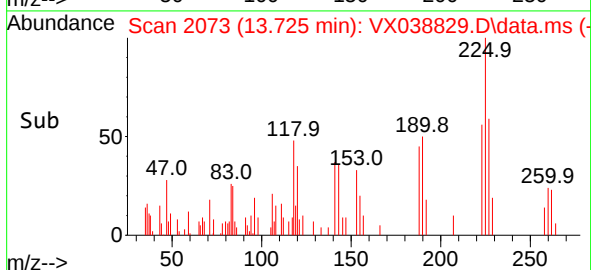
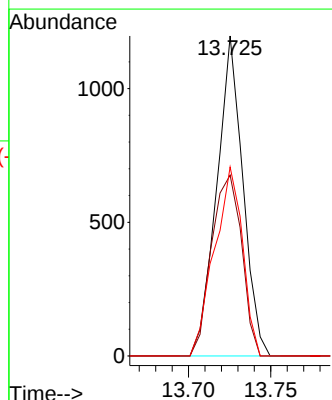
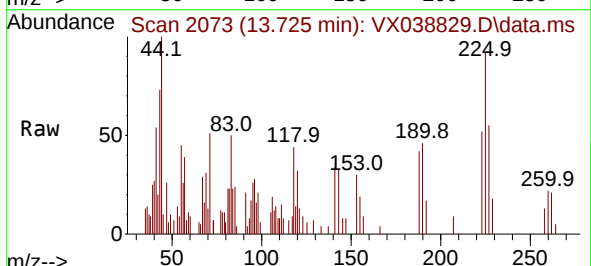
RT: 13.725 min Scan# 2073

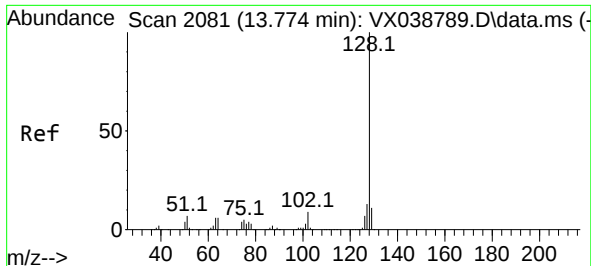
Delta R.T. 0.000 min

Lab File: VX038829.D

Acq: 16 Nov 2023 09:48

Tgt Ion:225	Resp:	1325
Ion Ratio	Lower	Upper
225	100	
223	65.0	31.1 93.2
227	63.3	32.5 97.5





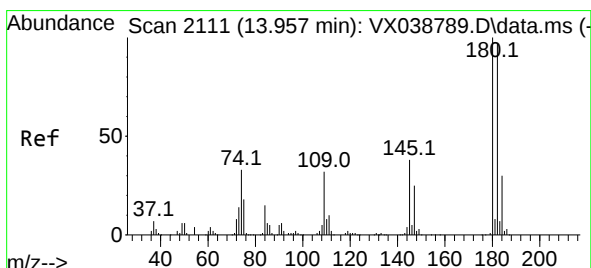
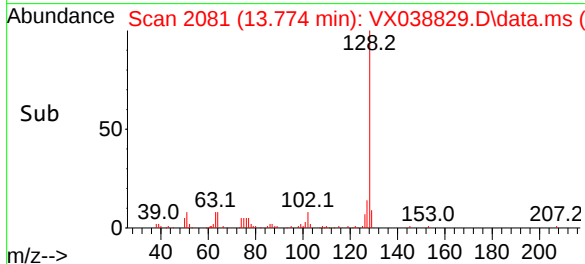
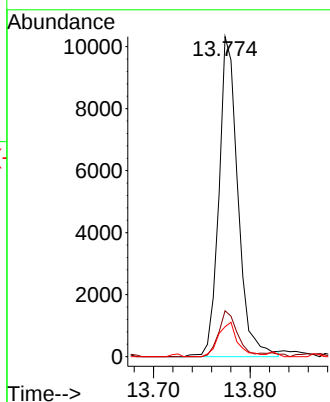
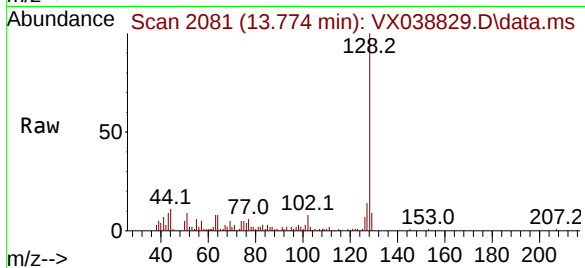
#95
Naphthalene
Concen: 1.101 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 14054
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 11.0 8.8 13.2

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Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.097 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038829.D
Acq: 16 Nov 2023 09:48

Tgt Ion:180 Resp: 3566
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.6
145 40.0 17.8 53.5

