

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031744.D
 Acq On : 28 Sep 2022 23:03
 Operator : JC/MD
 Sample : VX0928WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

Quant Time: Sep 29 04:35:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	67231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69604	48.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.560%		
35) Dibromofluoromethane	5.391	113	60690	48.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.520%		
50) Toluene-d8	8.646	98	216800	47.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.100%		
62) 4-Bromofluorobenzene	11.079	95	82420	49.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16251	19.862	ug/l	97
3) Chloromethane	1.288	50	16116	20.455	ug/l	95
4) Vinyl Chloride	1.373	62	21879	19.430	ug/l	100
5) Bromomethane	1.611	94	20595	16.488	ug/l	96
6) Chloroethane	1.690	64	20330	14.344	ug/l	90
7) Trichlorofluoromethane	1.886	101	50532	16.200	ug/l	97
8) Diethyl Ether	2.135	74	16186	18.085	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	19861	22.224	ug/l	92
10) Methyl Iodide	2.452	142	20417	23.308	ug/l	97
11) Tert butyl alcohol	3.001	59	20237	92.101	ug/l	99
12) 1,1-Dichloroethene	2.318	96	16995	23.272	ug/l	88
13) Acrolein	2.239	56	7426	66.133	ug/l	97
14) Allyl chloride	2.666	41	23150	19.689	ug/l #	92
15) Acrylonitrile	3.068	53	51413	103.819	ug/l	99
16) Acetone	2.392	43	42662	119.177	ug/l	95
17) Carbon Disulfide	2.507	76	31491	20.110	ug/l	97
18) Methyl Acetate	2.709	43	27176	21.194	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	66426	20.930	ug/l	98
20) Methylene Chloride	2.788	84	23073	24.714	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	20754	21.007	ug/l	89
22) Diisopropyl ether	3.763	45	57474	18.992	ug/l #	94
23) Vinyl Acetate	3.721	43	230674	96.385	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	36449	20.892	ug/l	98
25) 2-Butanone	4.562	43	68165	100.080	ug/l #	89
26) 2,2-Dichloropropane	4.476	77	24358	17.202	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	25710	21.248	ug/l	85
28) Bromochloromethane	4.891	49	15782	19.338	ug/l #	74
29) Tetrahydrofuran	5.013	42	40853	95.480	ug/l #	81
30) Chloroform	5.092	83	44269	20.626	ug/l	99
31) Cyclohexane	5.464	56	27416	20.207	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	38187	21.482	ug/l	96
36) 1,1-Dichloropropene	5.696	75	28756	19.912	ug/l	97
37) Ethyl Acetate	4.720	43	27333	18.764	ug/l	96
38) Carbon Tetrachloride	5.678	117	33596	20.642	ug/l	96
39) Methylcyclohexane	7.385	83	31507	19.148	ug/l	88
40) Benzene	6.043	78	88304	19.908	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13838	18.669	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	34203	19.938	ug/l	97
43) Isopropyl Acetate	6.342	43	42901	18.712	ug/l #	95
44) Trichloroethene	7.128	130	25821	20.610	ug/l	86
45) 1,2-Dichloropropane	7.427	63	21644	20.106	ug/l	96
46) Dibromomethane	7.580	93	17690	20.462	ug/l	93
47) Bromodichloromethane	7.823	83	32033	20.533	ug/l	97
48) Methyl methacrylate	7.695	41	20135	19.969	ug/l	89
49) 1,4-Dioxane	7.702	88	11895	462.650	ug/l	89
51) 4-Methyl-2-Pentanone	8.573	43	143247	98.710	ug/l	93
52) Toluene	8.720	92	60985	20.626	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28619	17.170	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	32479	20.033	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	25339	19.905	ug/l	97
56) Ethyl methacrylate	9.116	69	33191	20.379	ug/l	89
57) 1,3-Dichloropropane	9.311	76	40662	20.170	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	74843	93.322	ug/l #	89
59) 2-Hexanone	9.433	43	105687	97.610	ug/l	94
60) Dibromochloromethane	9.524	129	25500	18.168	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27327	21.148	ug/l	100
64) Tetrachloroethene	9.274	164	25205	19.513	ug/l	97
65) Chlorobenzene	10.079	112	69574	20.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	25287	20.875	ug/l	99
67) Ethyl Benzene	10.195	91	115251	20.123	ug/l	95
68) m/p-Xylenes	10.299	106	94132	40.906	ug/l	96
69) o-Xylene	10.640	106	47218	20.993	ug/l	95
70) Styrene	10.658	104	76438	20.878	ug/l	97
71) Bromoform	10.799	173	17130	17.945	ug/l #	98
73) Isopropylbenzene	10.963	105	121168	20.428	ug/l	99
74) N-amyl acetate	10.847	43	36118	18.772	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	38497	20.426	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	33416m	20.096	ug/l	
77) Bromobenzene	11.201	156	30148	19.993	ug/l	94
78) n-propylbenzene	11.305	91	138279	20.950	ug/l	98
79) 2-Chlorotoluene	11.366	91	84182	20.654	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107168	21.314	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7460	17.383	ug/l #	84
82) 4-Chlorotoluene	11.457	91	98108	20.835	ug/l	98
83) tert-Butylbenzene	11.713	119	103646	21.376	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	105759	21.250	ug/l	97
85) sec-Butylbenzene	11.890	105	128630	20.874	ug/l	99
86) p-Isopropyltoluene	12.012	119	109650	20.634	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59503	20.355	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	62242	20.341	ug/l	99
89) n-Butylbenzene	12.335	91	87722	20.208	ug/l	98
90) Hexachloroethane	12.542	117	16493	19.356	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	60155	20.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8082	21.400	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	34413	20.102	ug/l	98
94) Hexachlorobutadiene	13.725	225	13846	20.741	ug/l	99
95) Naphthalene	13.774	128	126129	22.057	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35973	20.475	ug/l	99

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MSVOA_X
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VX0928WBSD02

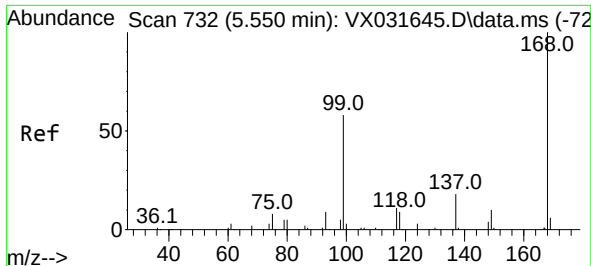
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/30/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

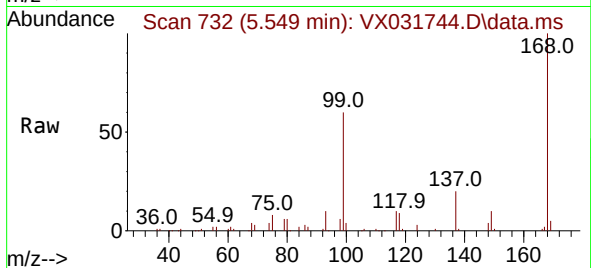
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
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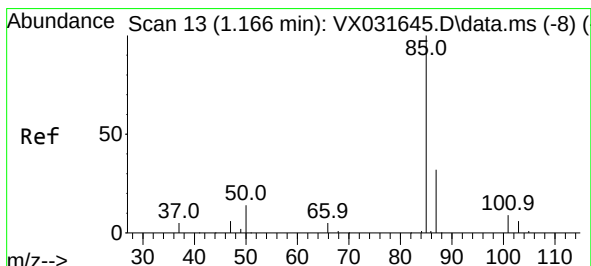
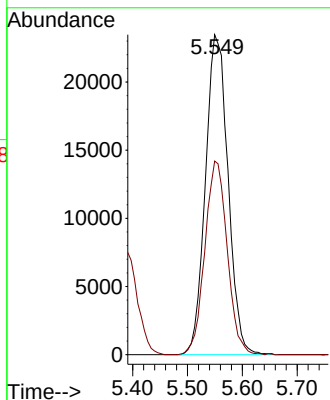
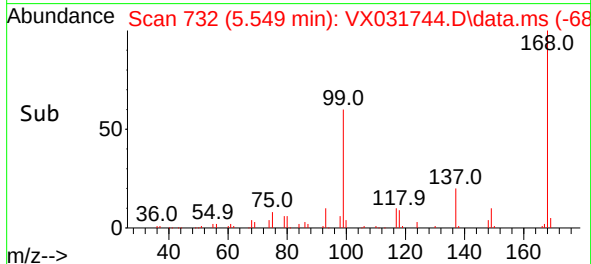
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:168 Resp: 6723
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2

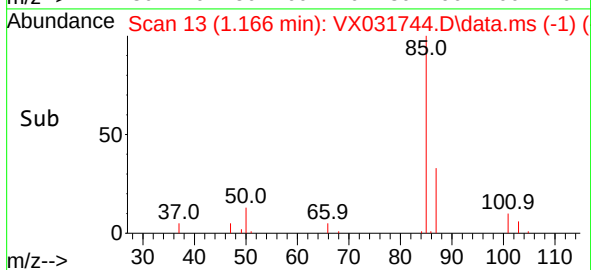
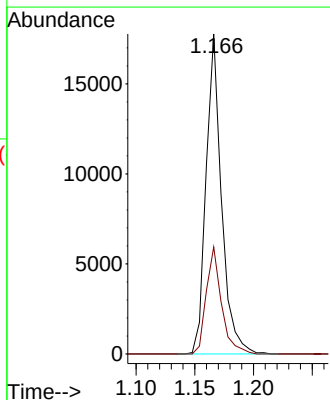
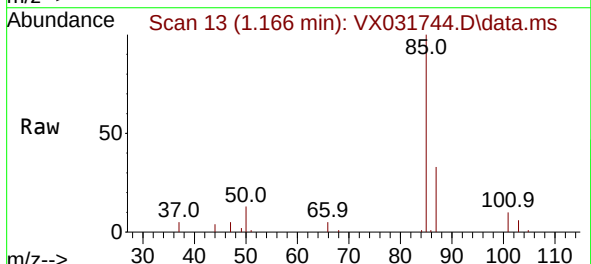
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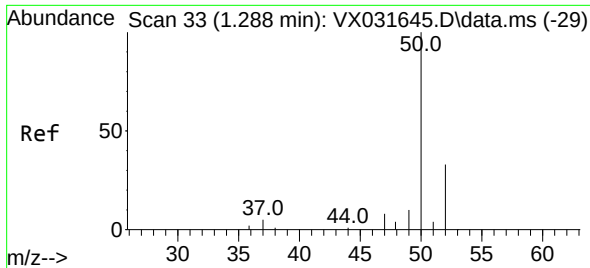
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#2
Dichlorodifluoromethane
Concen: 19.862 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

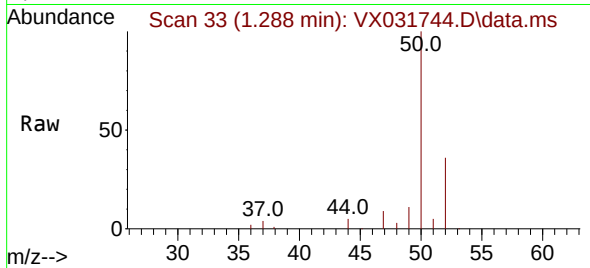
Tgt Ion: 85 Resp: 16251
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 20.455 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

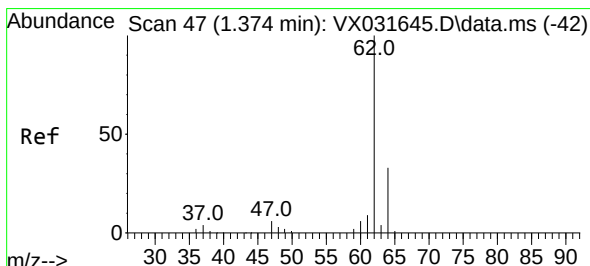
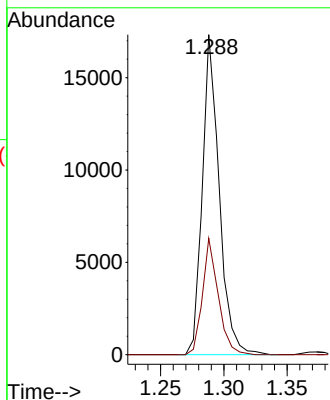
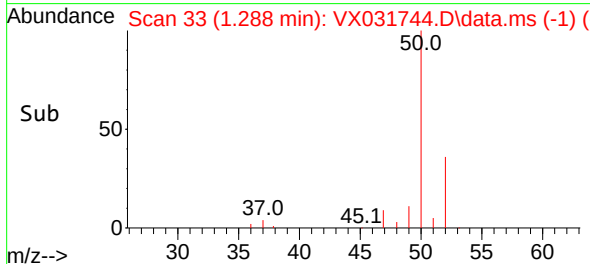
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Tgt Ion: 50 Resp: 16110
Ion Ratio Lower Upper
50 100
52 36.4 26.9 40.3

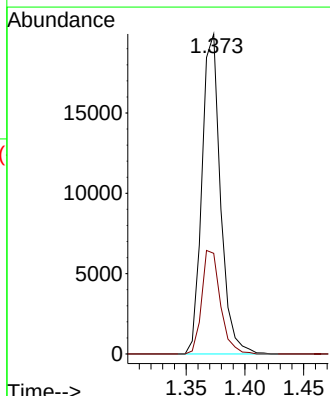
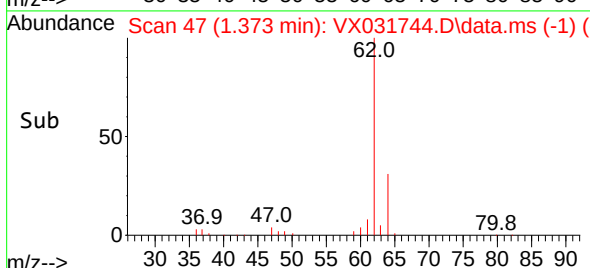
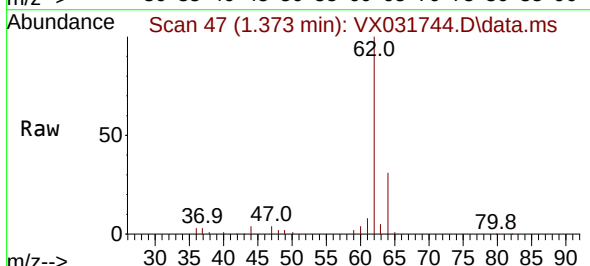
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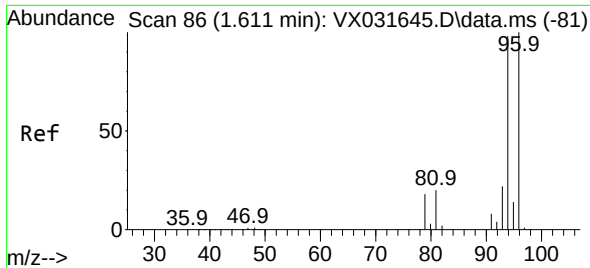
Reviewed By :John Carlone 09/29/2022
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#4
Vinyl Chloride
Concen: 19.430 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

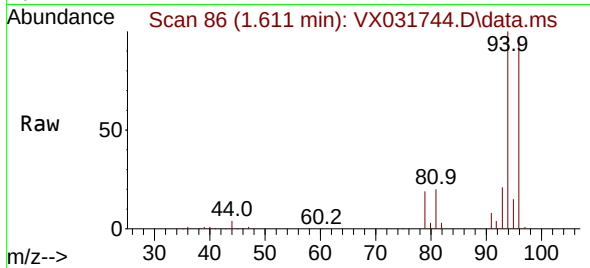
Tgt Ion: 62 Resp: 21879
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9





#5
Bromomethane
Concen: 16.488 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

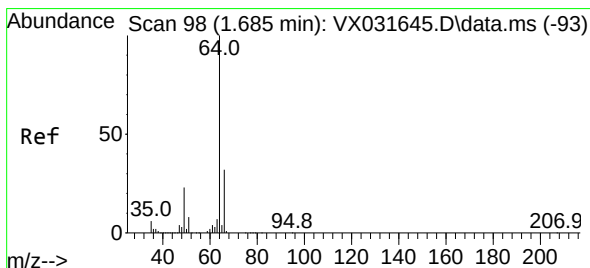
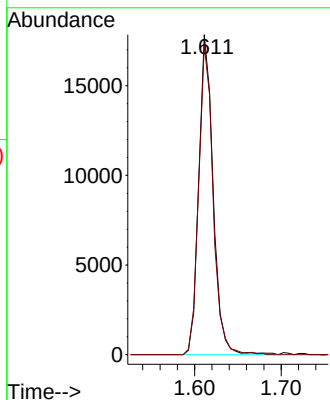
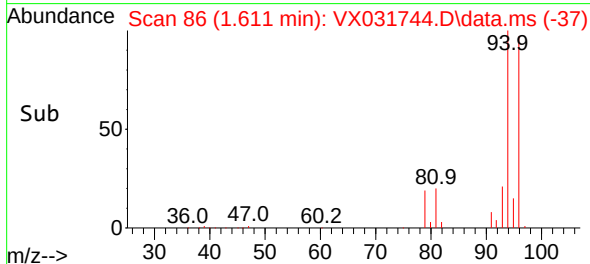
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Tgt Ion: 94 Resp: 2059
Ion Ratio Lower Upper
94 100
96 96.6 74.4 111.6

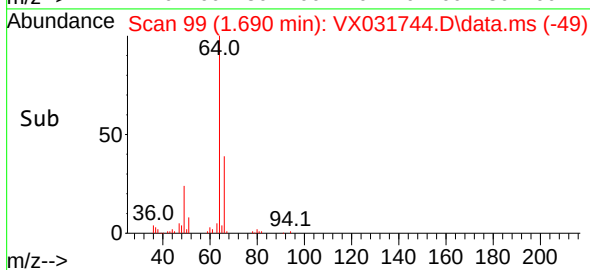
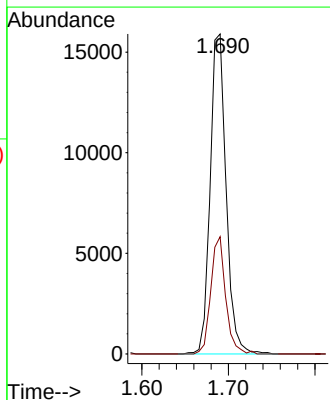
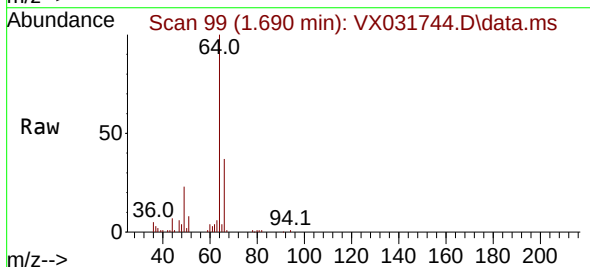
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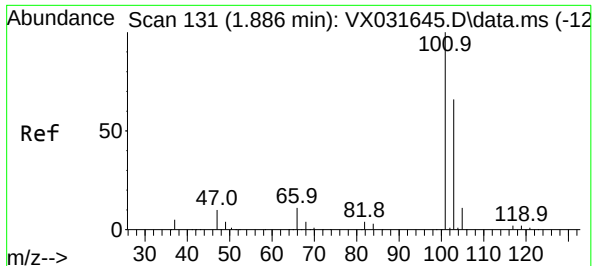
Reviewed By :John Carlone 09/29/2022
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#6
Chloroethane
Concen: 14.344 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.005 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

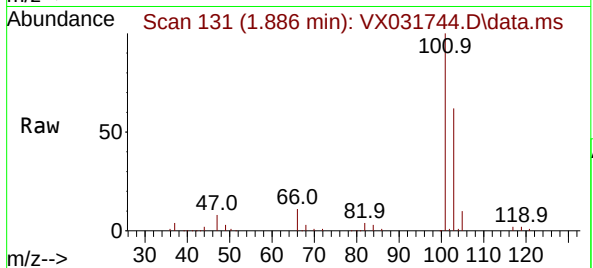
Tgt Ion: 64 Resp: 20330
Ion Ratio Lower Upper
64 100
66 36.6 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 16.200 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031744.D
 Acq: 28 Sep 2022 23:03

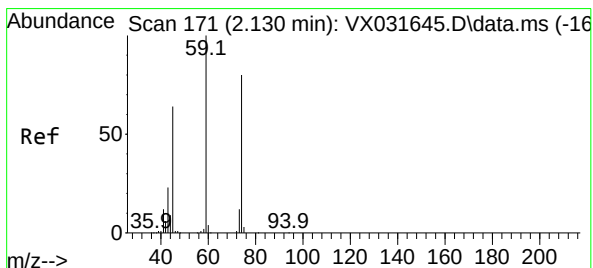
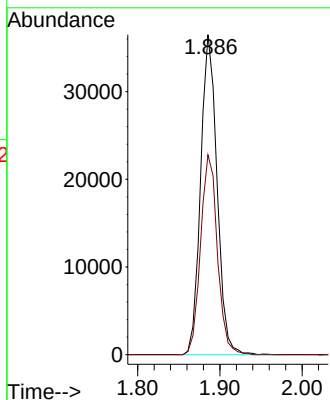
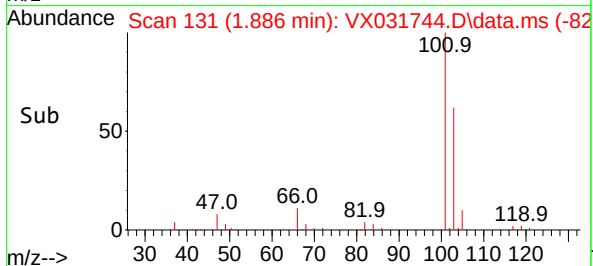
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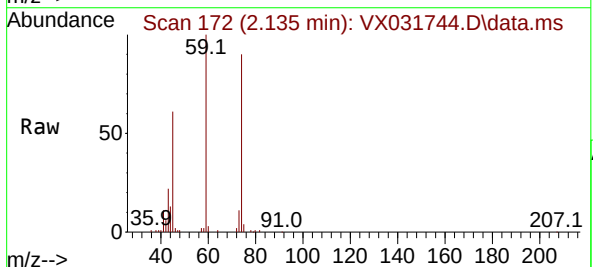
Tgt Ion:101 Resp: 5053
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.8 77.6

Manual Integrations
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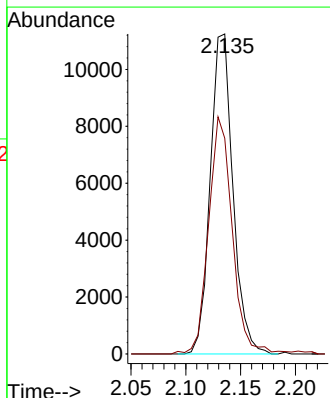
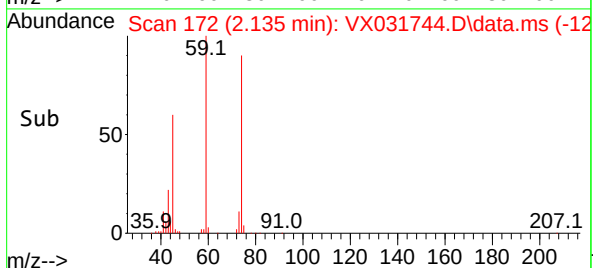
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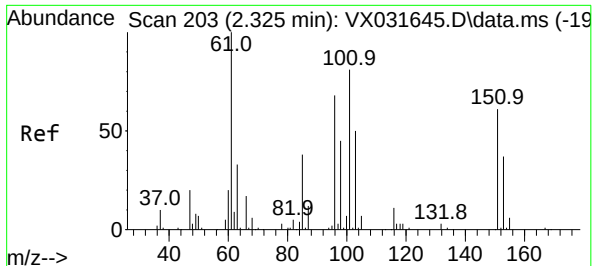


#8
 Diethyl Ether
 Concen: 18.085 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 16186
 Ion Ratio Lower Upper
 74 100
 45 77.4 48.5 145.6





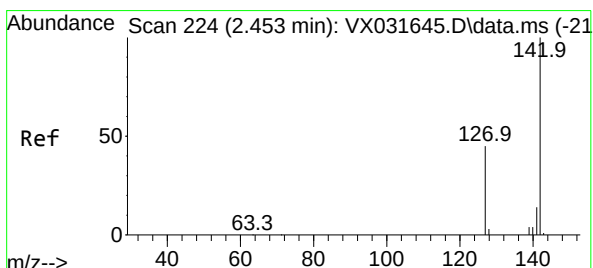
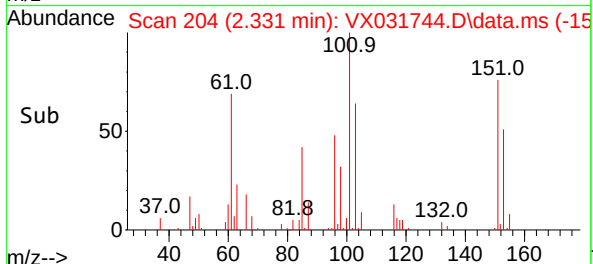
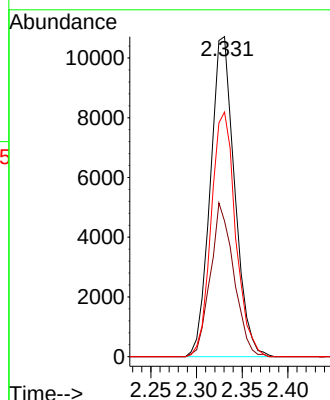
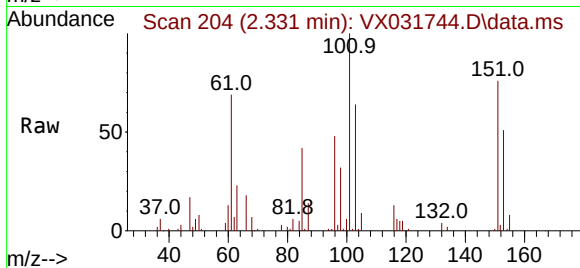
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.224 ug/l
RT: 2.331 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion:101 Resp: 1986
Ion Ratio Lower Upper
101 100
85 46.1 38.6 57.8
151 76.5 54.0 81.0

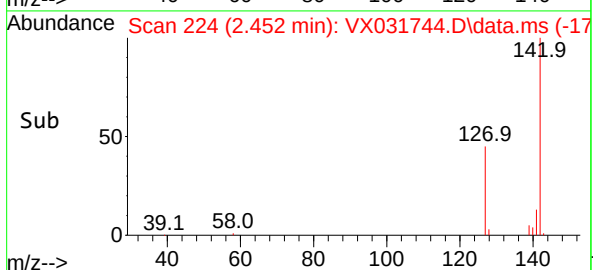
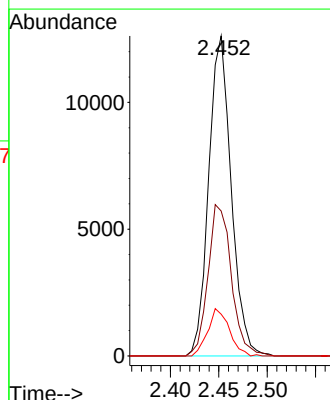
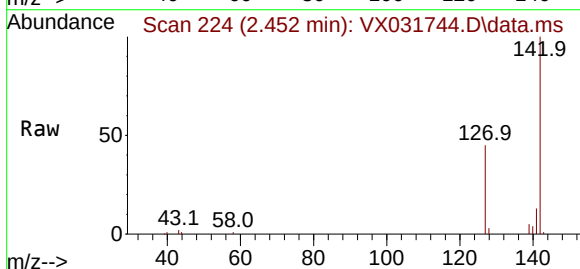
Manual Integrations
APPROVED

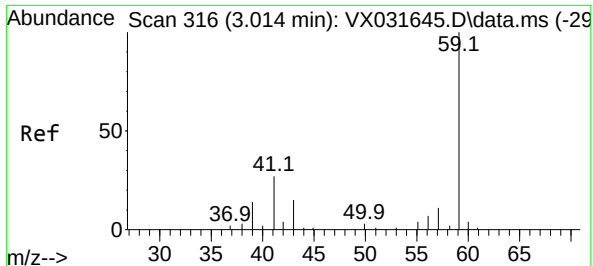
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#10
Methyl Iodide
Concen: 23.308 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion:142 Resp: 20417
Ion Ratio Lower Upper
142 100
127 49.1 37.4 56.0
141 14.2 11.6 17.4





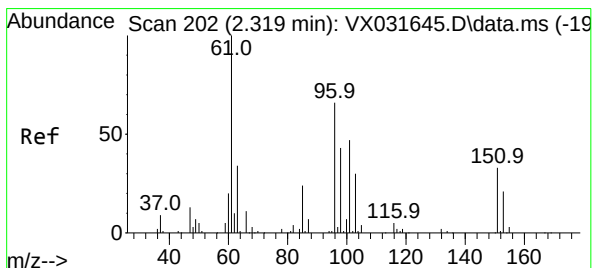
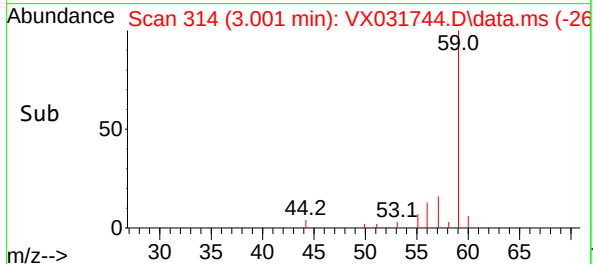
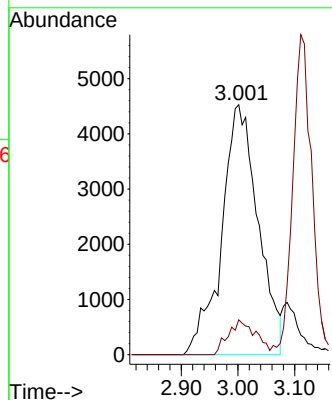
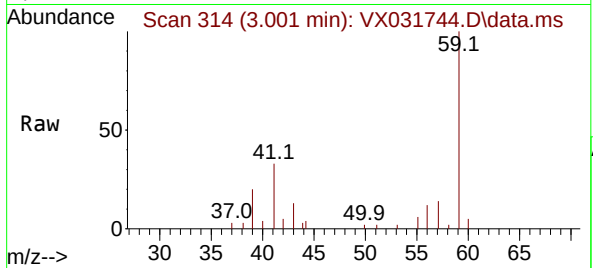
#11
Tert butyl alcohol
Concen: 92.101 ug/l
RT: 3.001 min Scan# 316
Delta R.T. 0.012 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 59 Resp: 2023
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

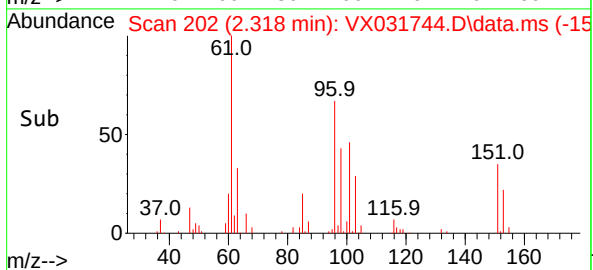
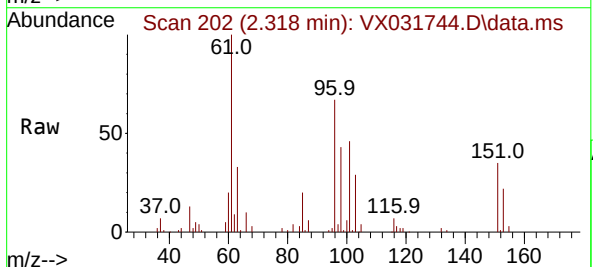
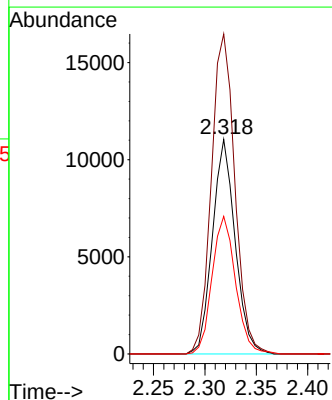
Manual Integrations
APPROVED

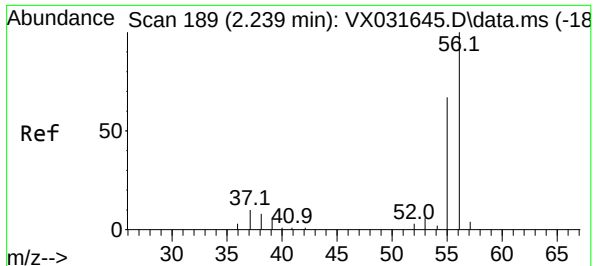
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#12
1,1-Dichloroethene
Concen: 23.272 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

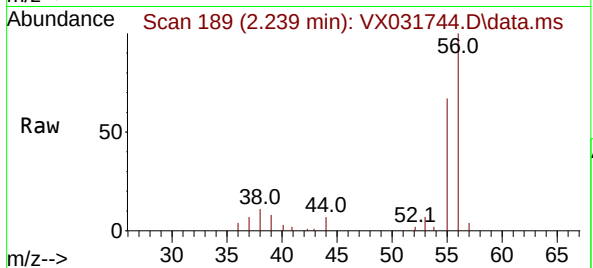
Tgt Ion: 96 Resp: 16995
Ion Ratio Lower Upper
96 100
61 149.1 135.3 202.9
98 64.1 49.4 74.2





#13
Acrolein
Concen: 66.133 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

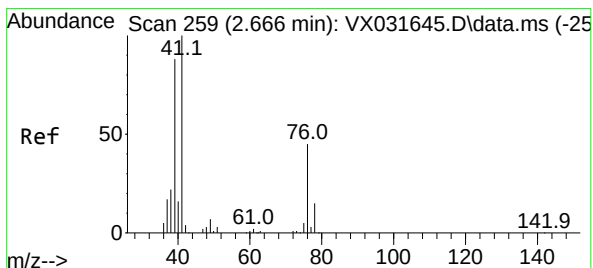
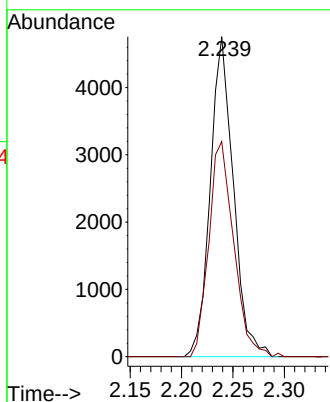
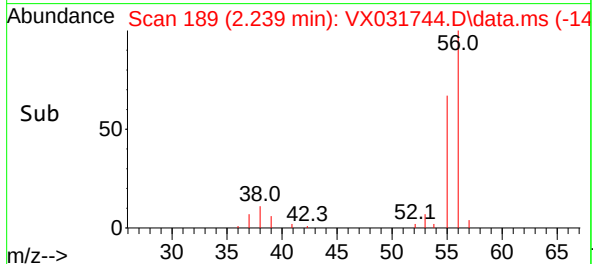
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 56 Resp: 7420
Ion Ratio Lower Upper
56 100
55 72.5 56.0 84.0

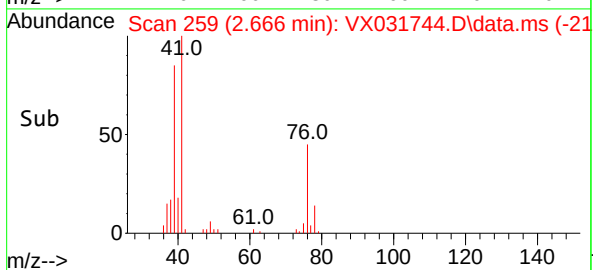
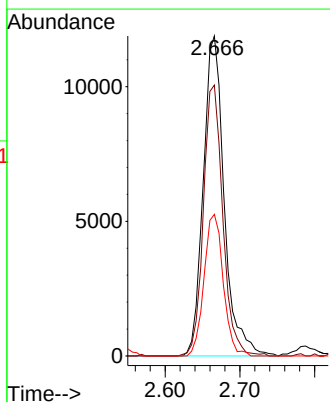
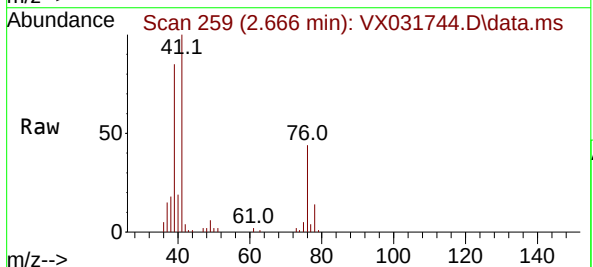
Manual Integrations
APPROVED

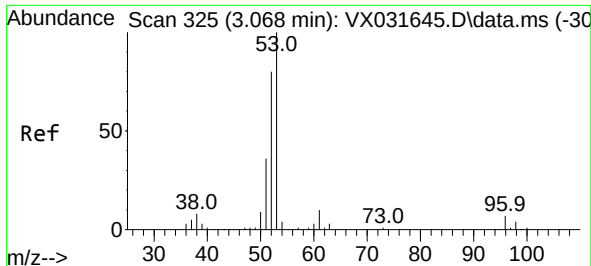
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#14
Allyl chloride
Concen: 19.689 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion: 41 Resp: 23150
Ion Ratio Lower Upper
41 100
39 78.3 58.2 87.4
76 40.5 26.9 40.3#





#15

Acrylonitrile

Concen: 103.819 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.001 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

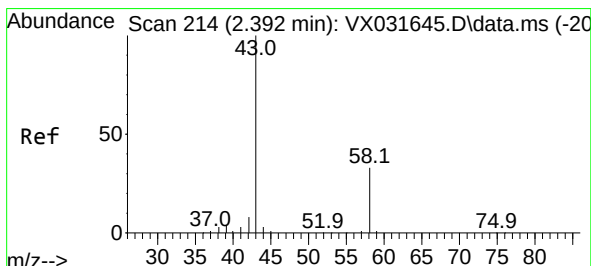
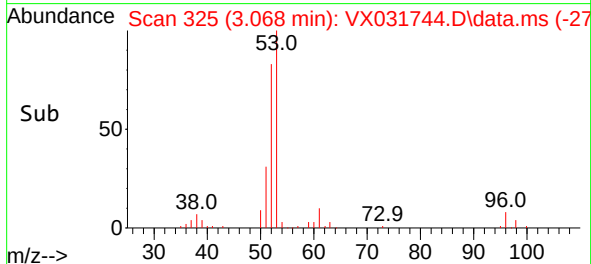
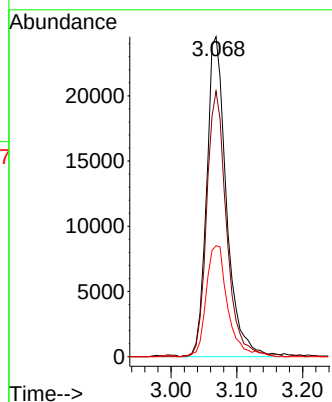
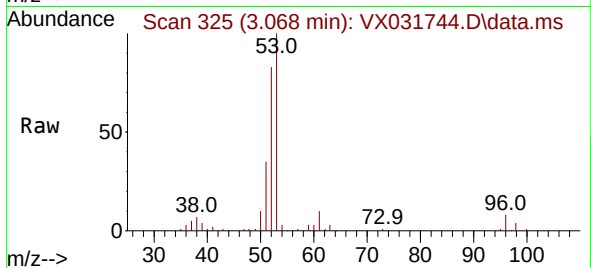
Tgt Ion:	53	Resp:	5141
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.9	100.3
51	37.8	30.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#16

Acetone

Concen: 119.177 ug/l

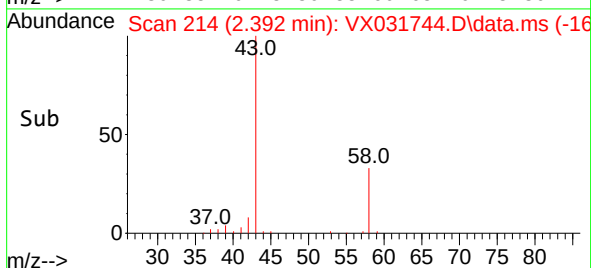
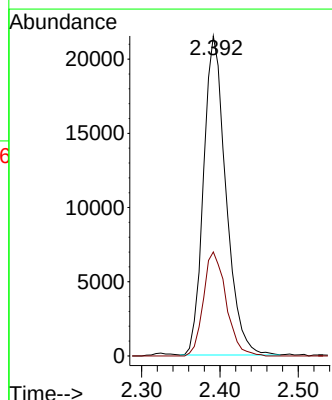
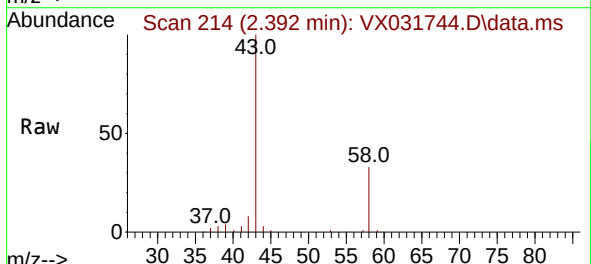
RT: 2.392 min Scan# 214

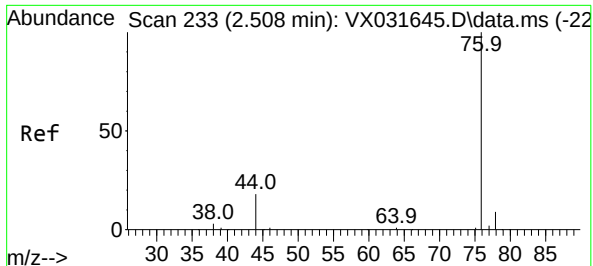
Delta R.T. 0.006 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Tgt Ion:	43	Resp:	42662
Ion Ratio	Lower	Upper	
43	100		
58	32.6	23.8	35.8





#17

Carbon Disulfide

Concen: 20.110 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 76 Resp: 3149

Ion Ratio Lower Upper

76 100

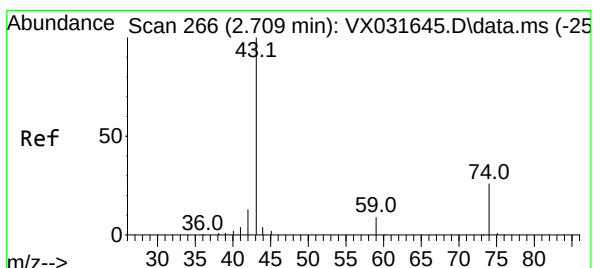
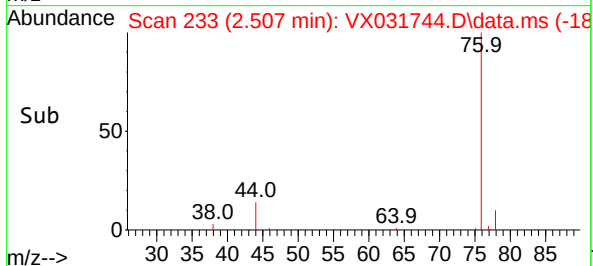
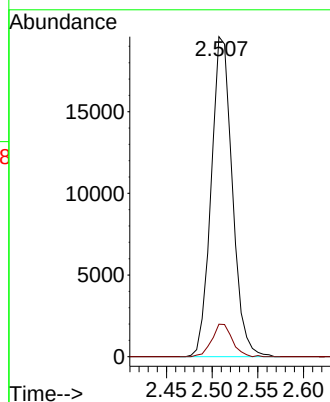
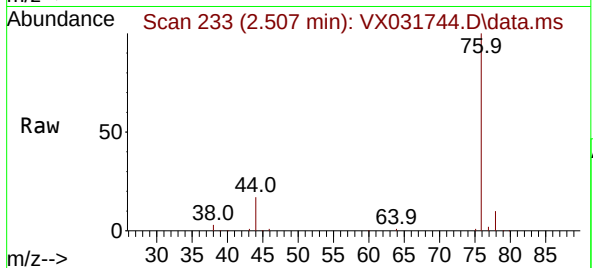
78 10.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#18

Methyl Acetate

Concen: 21.194 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX031744.D

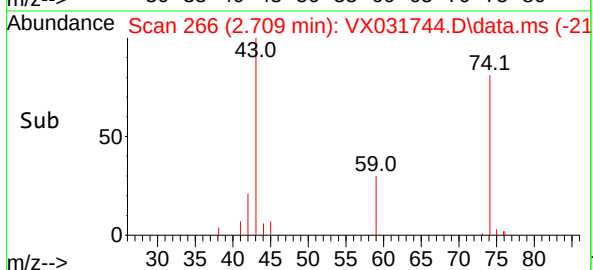
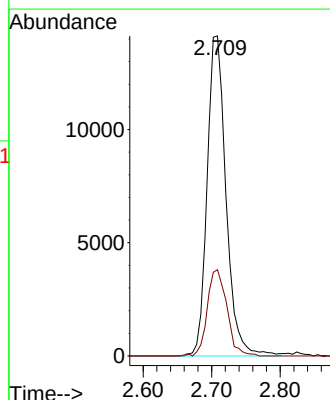
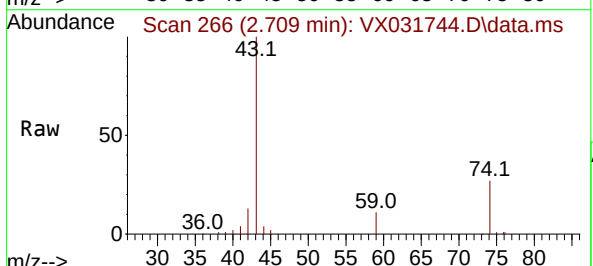
Acq: 28 Sep 2022 23:03

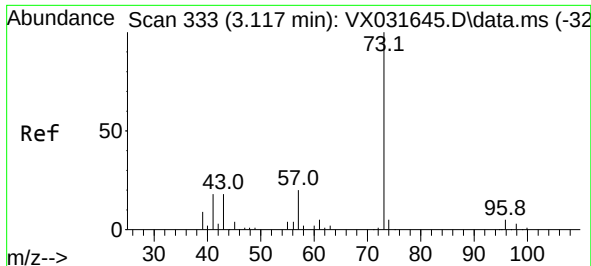
Tgt Ion: 43 Resp: 27176

Ion Ratio Lower Upper

43 100

74 28.0 18.6 27.8#





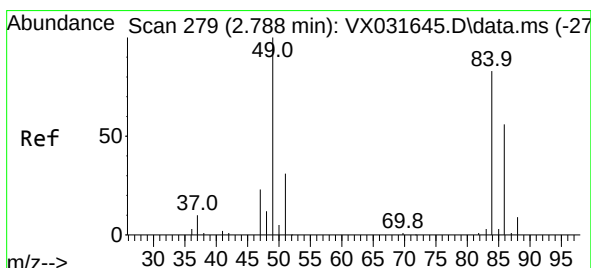
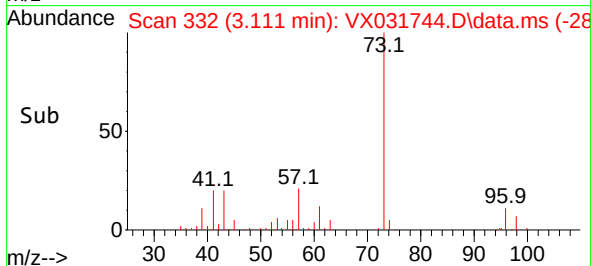
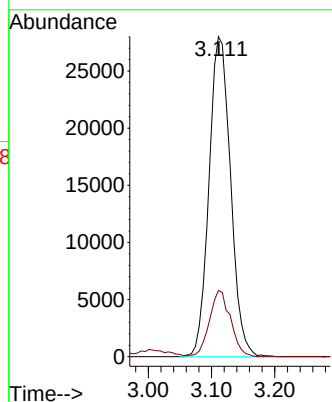
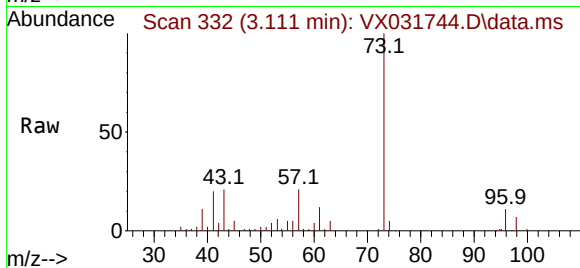
#19
Methyl tert-butyl Ether
Concen: 20.930 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 73 Resp: 66420
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8

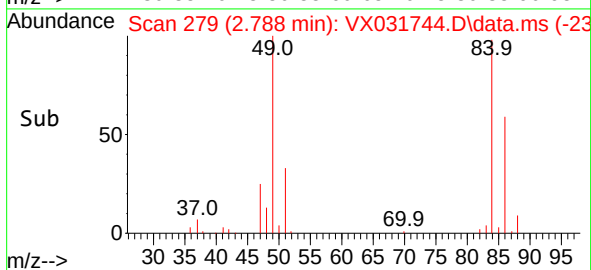
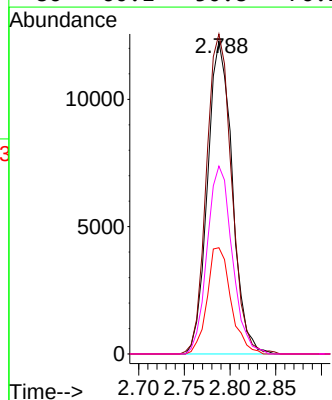
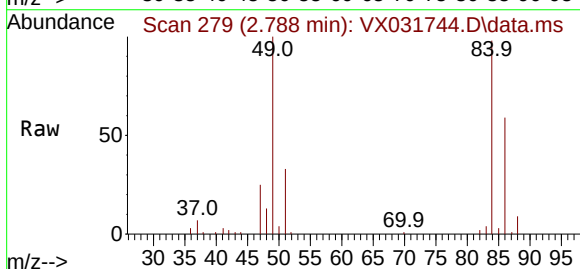
Manual Integrations
APPROVED

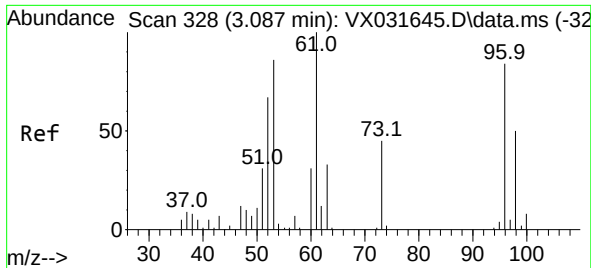
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#20
Methylene Chloride
Concen: 24.714 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

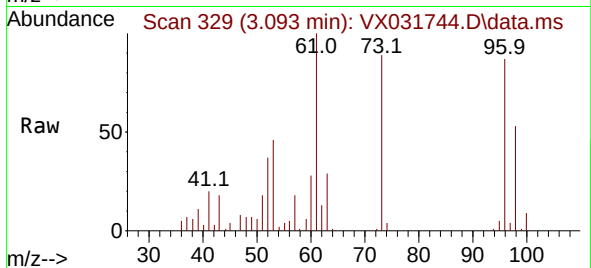
Tgt Ion: 84 Resp: 23073
Ion Ratio Lower Upper
84 100
49 102.3 105.9 158.9#
51 34.0 32.2 48.2
86 60.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 21.007 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

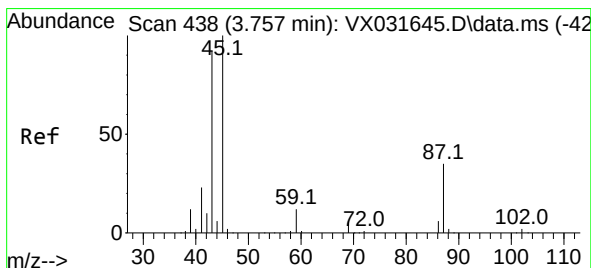
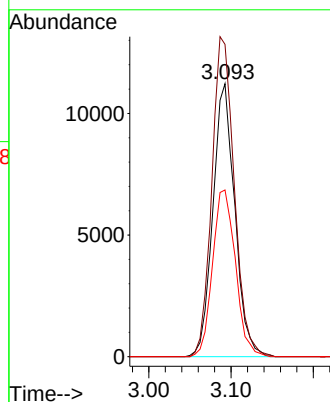
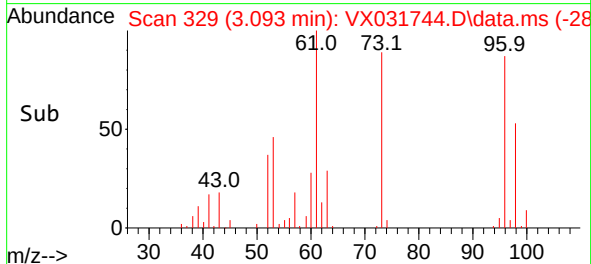
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



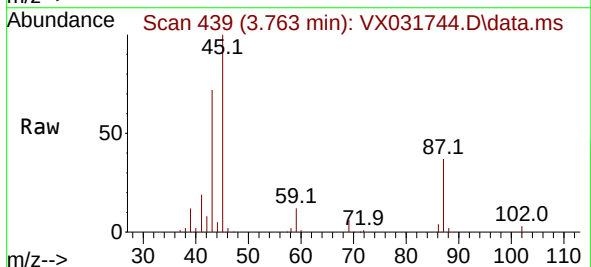
Tgt Ion: 96 Resp: 20754
Ion Ratio Lower Upper
96 100
61 114.5 106.7 160.1
98 61.1 48.7 73.1

Manual Integrations
APPROVED

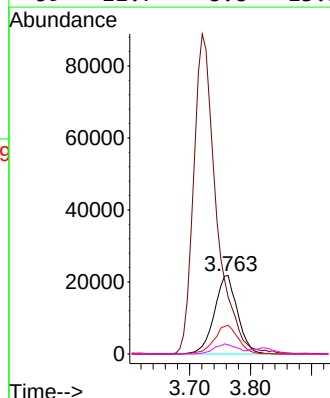
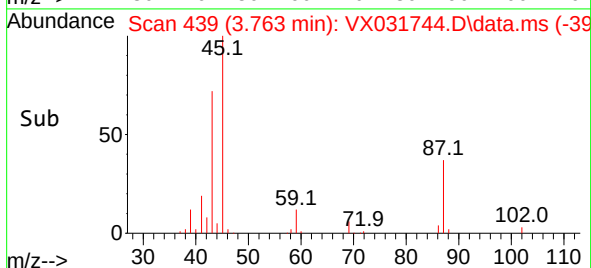
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

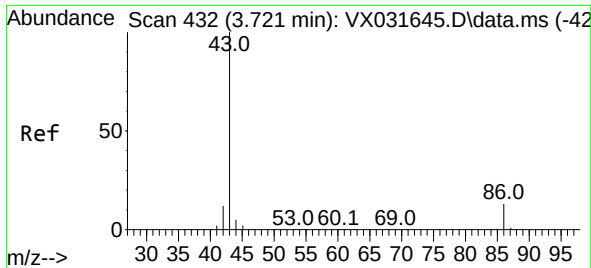


#22
Diisopropyl ether
Concen: 18.992 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



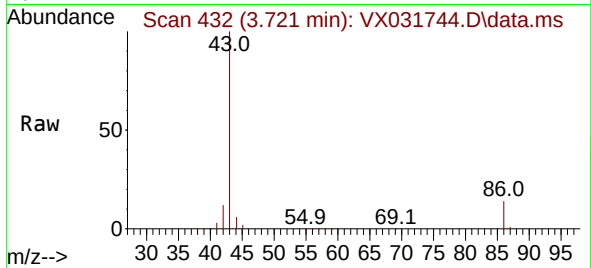
Tgt Ion: 45 Resp: 57474
Ion Ratio Lower Upper
45 100
43 70.7 59.0 88.6
87 36.5 22.6 33.8#
59 11.7 8.8 13.2





#23
 Vinyl Acetate
 Concen: 96.385 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031744.D
 Acq: 28 Sep 2022 23:03

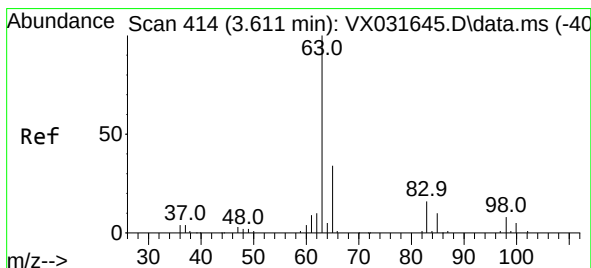
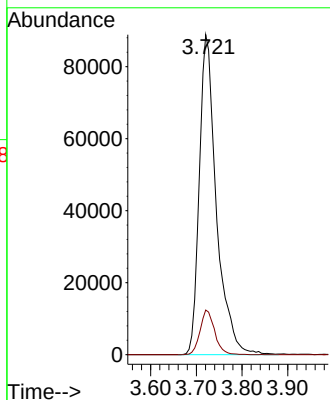
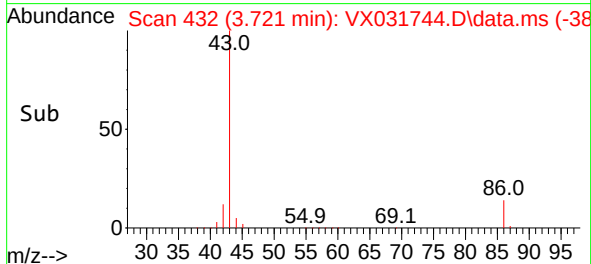
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD02



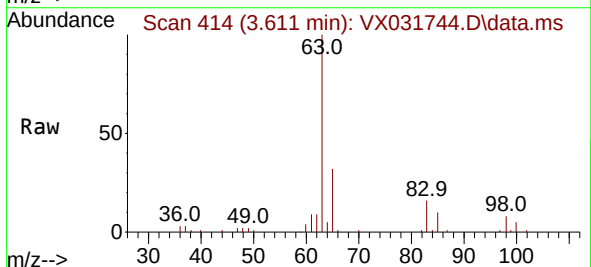
Tgt Ion: 43 Resp: 230674
 Ion Ratio Lower Upper
 43 100
 86 14.0 8.7 13.1

Manual Integrations
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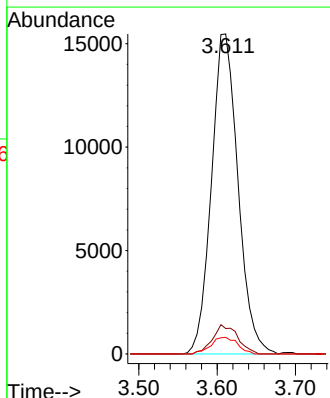
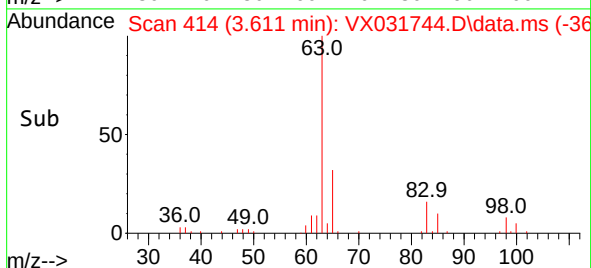
Reviewed By :John Carlone 09/29/2022
 Supervised By :Mahesh Dadoda 09/30/2022

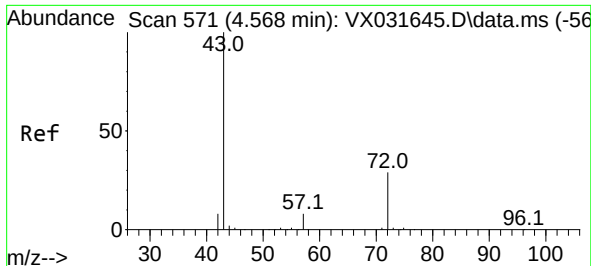


#24
 1,1-Dichloroethane
 Concen: 20.892 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX031744.D
 Acq: 28 Sep 2022 23:03



Tgt Ion: 63 Resp: 36449
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.2 2.4 7.2





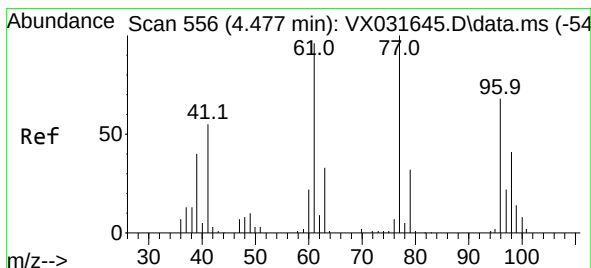
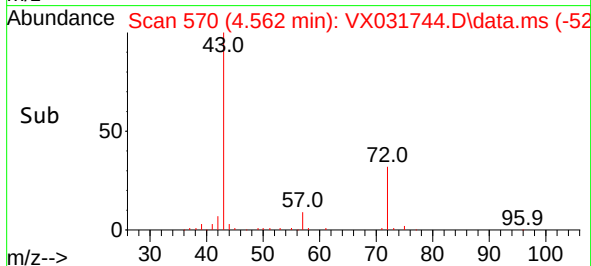
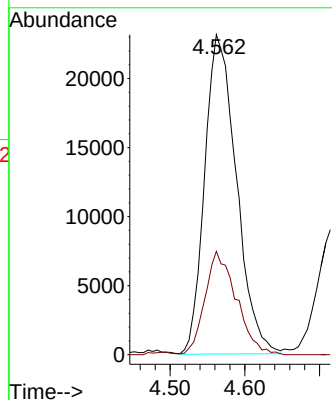
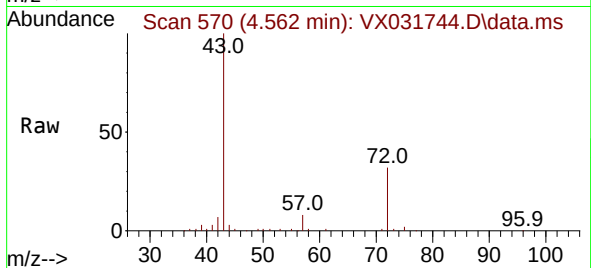
#25
2-Butanone
Concen: 100.080 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
72 32.1 21.1 31.7

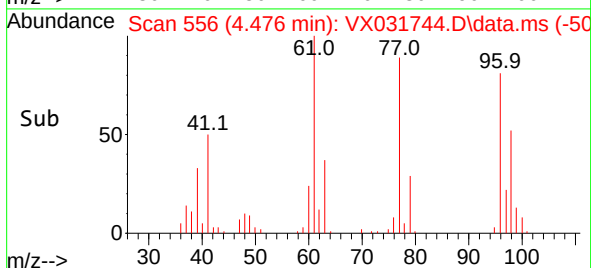
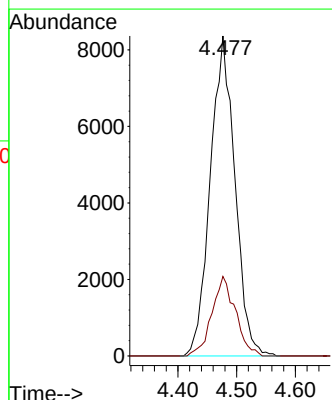
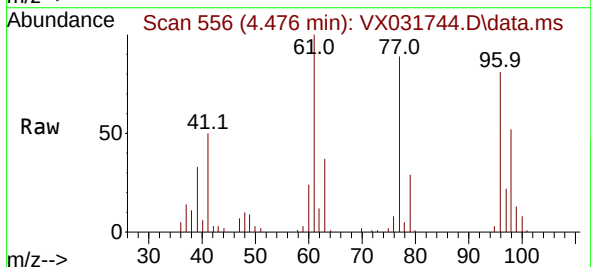
Manual Integrations
APPROVED

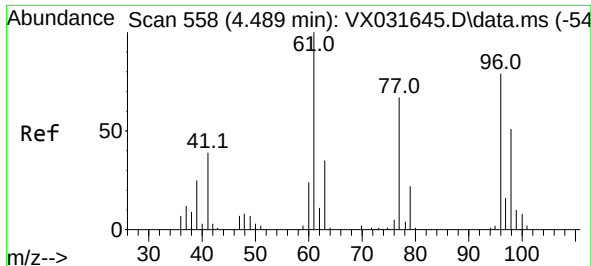
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#26
2,2-Dichloropropane
Concen: 17.202 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion: 77 Resp: 24358
Ion Ratio Lower Upper
77 100
97 23.8 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 21.248 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 96 Resp: 25710

Ion Ratio Lower Upper

96 100

61 126.4 0.0 305.2

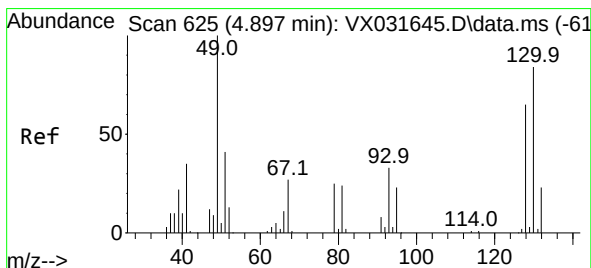
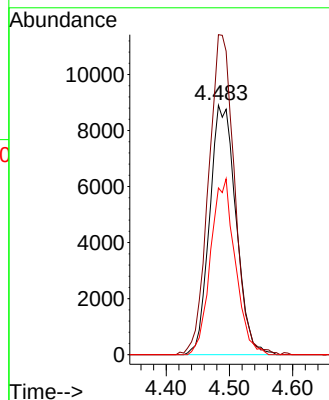
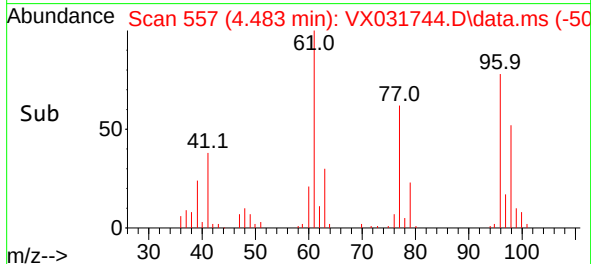
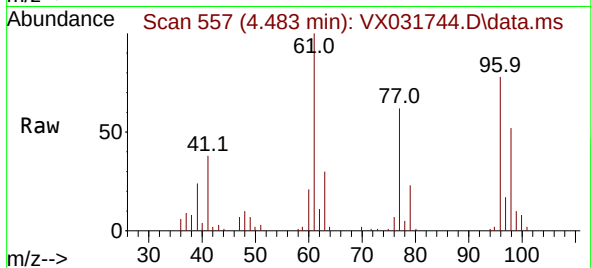
98 66.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#28

Bromochloromethane

Concen: 19.338 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.013 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

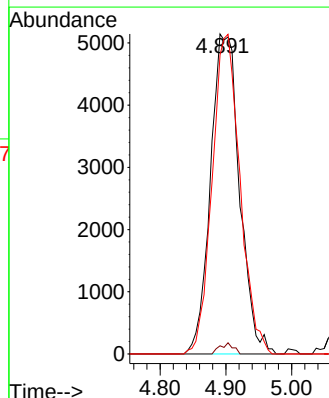
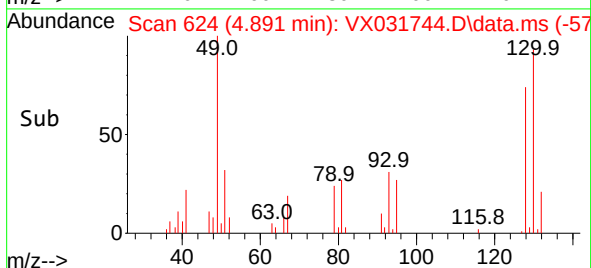
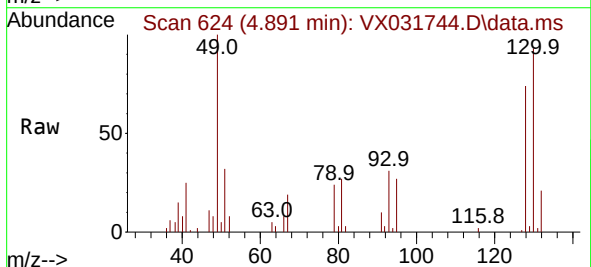
Tgt Ion: 49 Resp: 15782

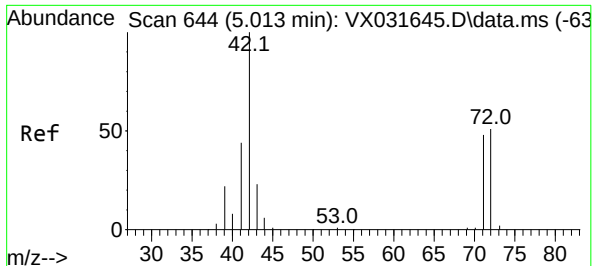
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

130 95.9 59.0 88.4#





#29

Tetrahydrofuran

Concen: 95.480 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 42 Resp: 4085

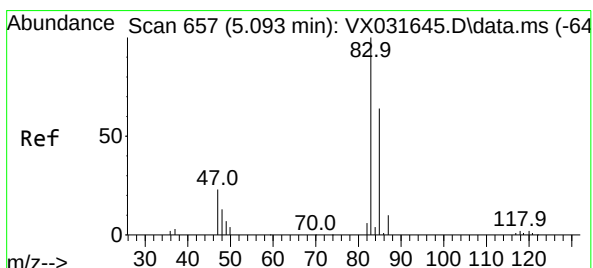
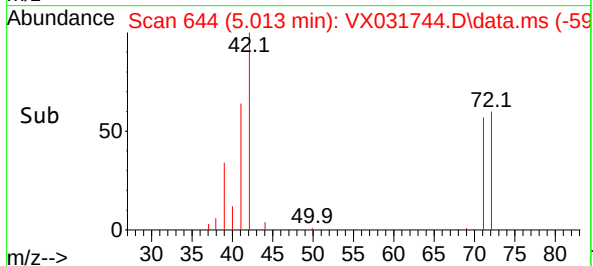
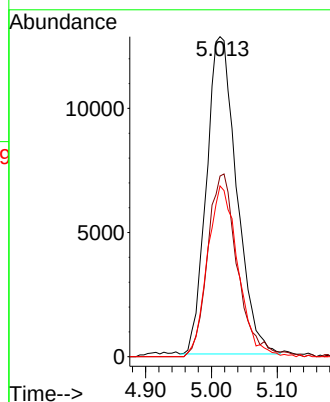
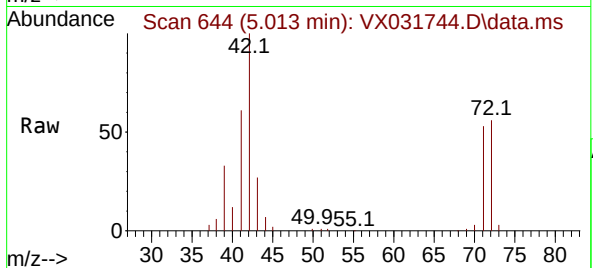
Ion	Ratio	Lower	Upper
42	100		
72	57.3	36.4	54.6
71	54.5	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#30

Chloroform

Concen: 20.626 ug/l

RT: 5.092 min Scan# 657

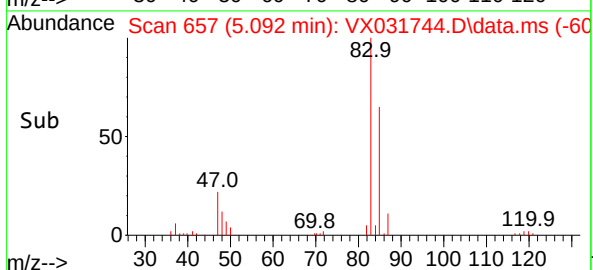
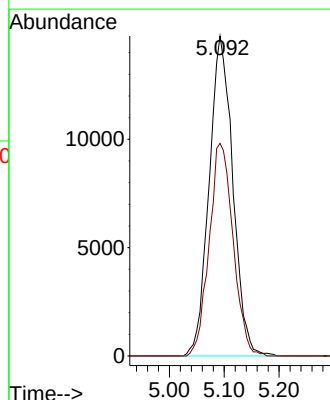
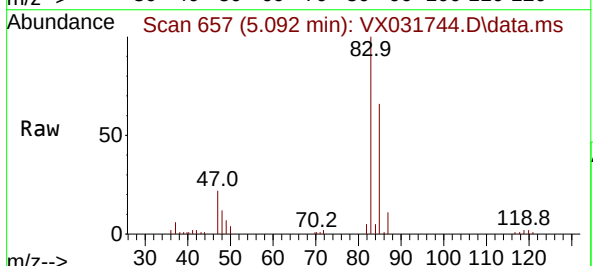
Delta R.T. -0.007 min

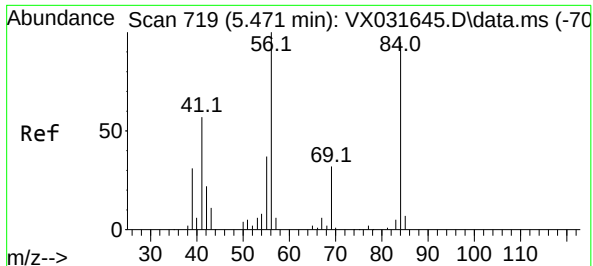
Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Tgt Ion: 83 Resp: 44269

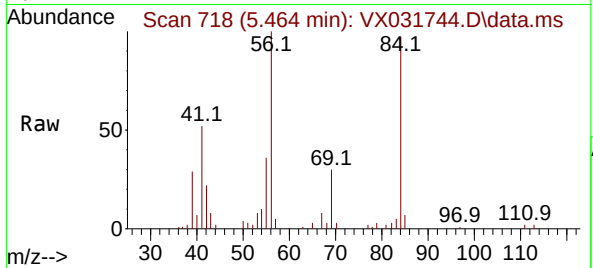
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.8	79.2





#31
Cyclohexane
Concen: 20.207 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

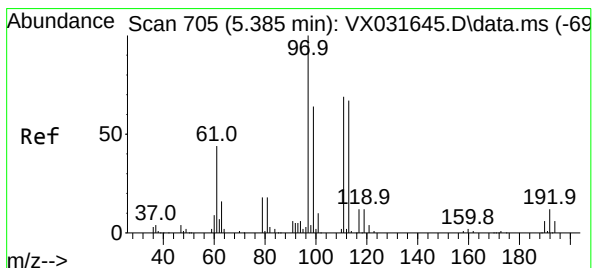
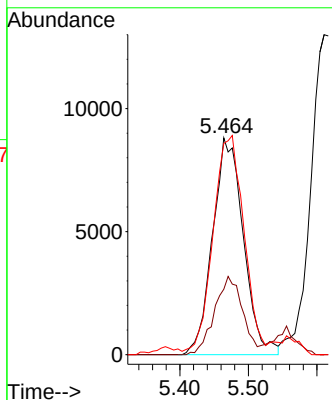
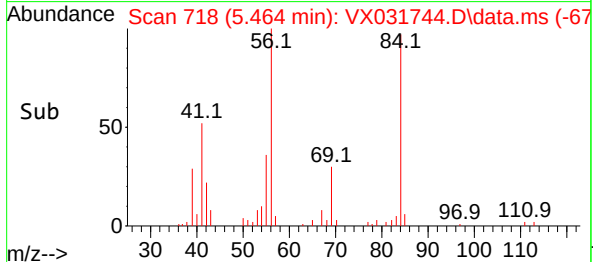
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



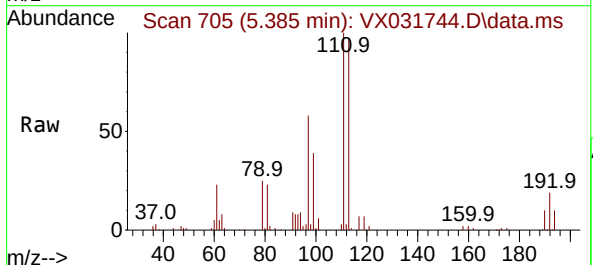
Tgt Ion: 56 Resp: 27410
Ion Ratio Lower Upper
56 100
69 30.2 25.1 37.7
84 94.8 70.2 105.4

Manual Integrations
APPROVED

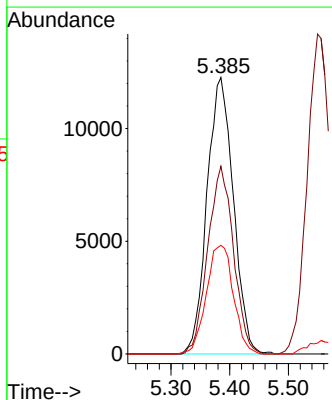
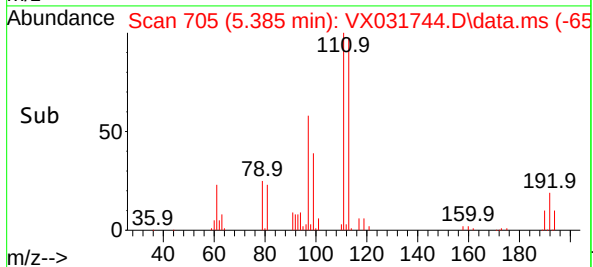
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

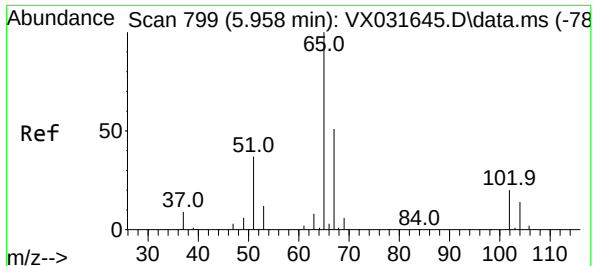


#32
1,1,1-Trichloroethane
Concen: 21.482 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



Tgt Ion: 97 Resp: 38187
Ion Ratio Lower Upper
97 100
99 66.2 51.3 76.9
61 40.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.779 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 65 Resp: 69604

Ion Ratio Lower Upper

65 100

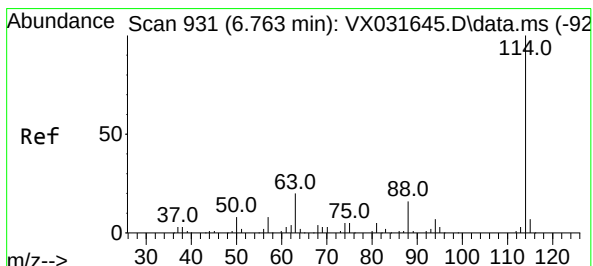
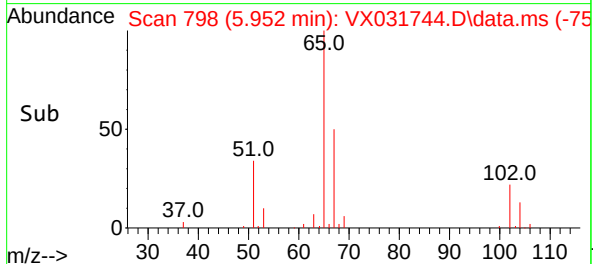
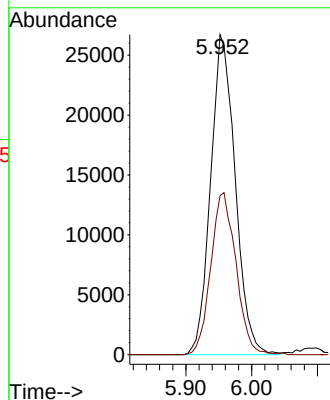
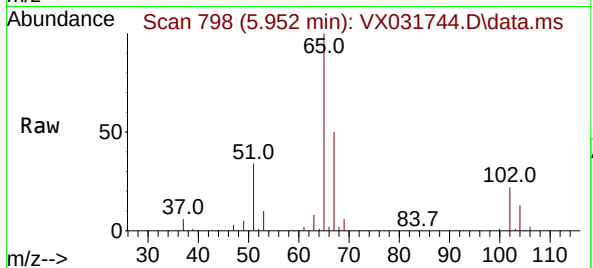
67 51.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

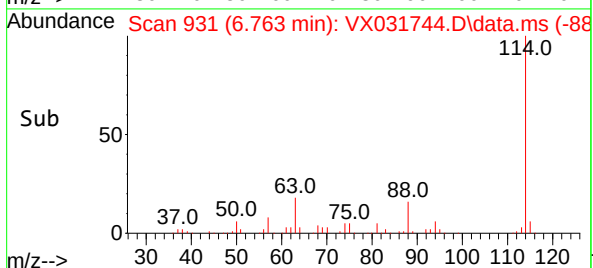
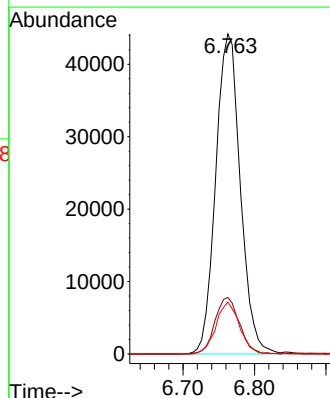
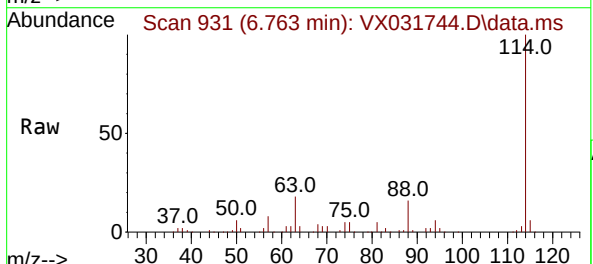
Tgt Ion:114 Resp: 105540

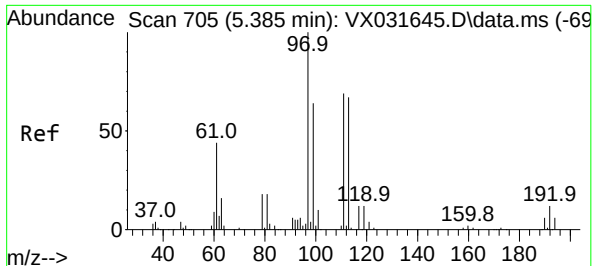
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.6

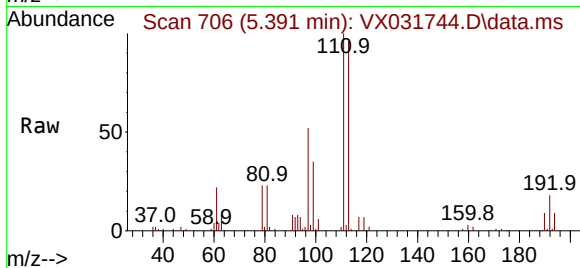
88 16.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 48.261 ug/l
RT: 5.391 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

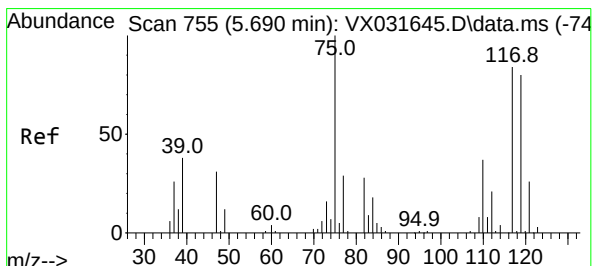
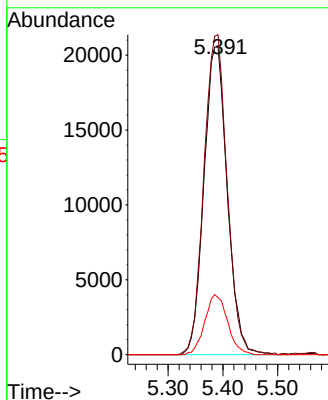
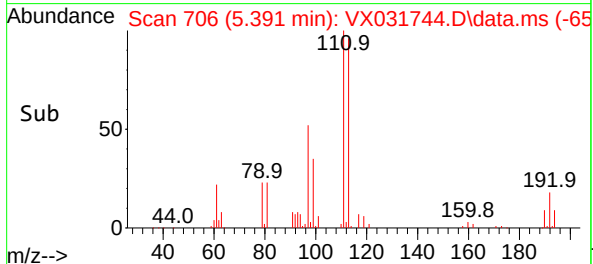
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



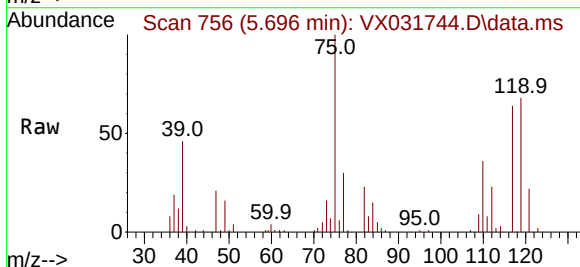
Tgt Ion:113 Resp: 60690
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.0 14.1 21.1

Manual Integrations
APPROVED

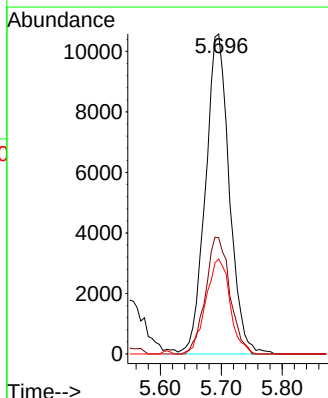
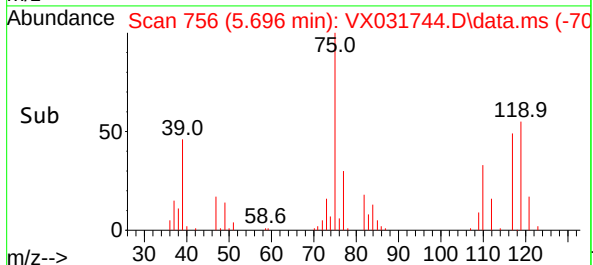
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

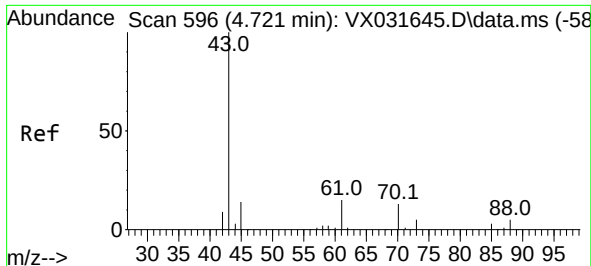


#36
1,1-Dichloropropene
Concen: 19.912 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



Tgt Ion: 75 Resp: 28756
Ion Ratio Lower Upper
75 100
110 37.3 17.5 52.5
77 30.1 24.9 37.3





#37

Ethyl Acetate

Concen: 18.764 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.001 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

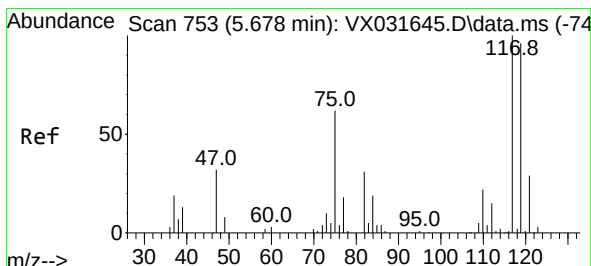
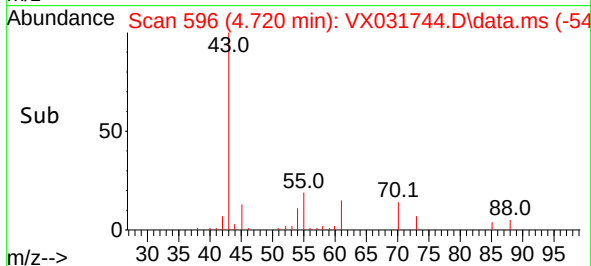
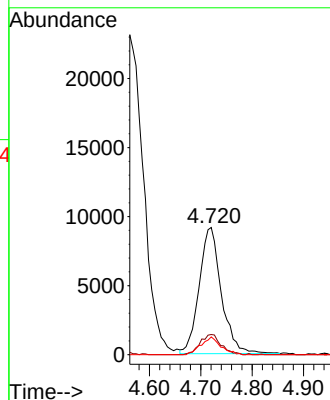
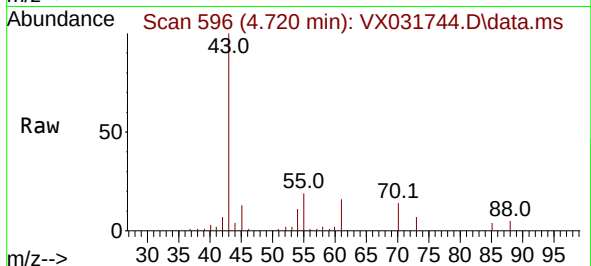
Tgt Ion:	43	Resp:	2733
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.1	16.7
70	12.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#38

Carbon Tetrachloride

Concen: 20.642 ug/l

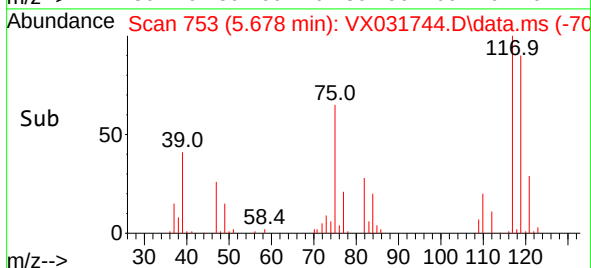
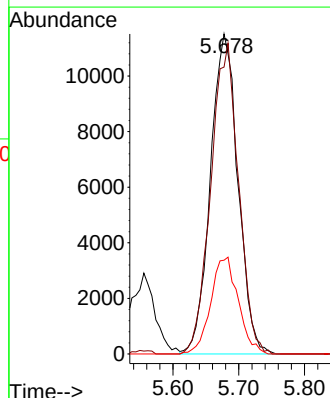
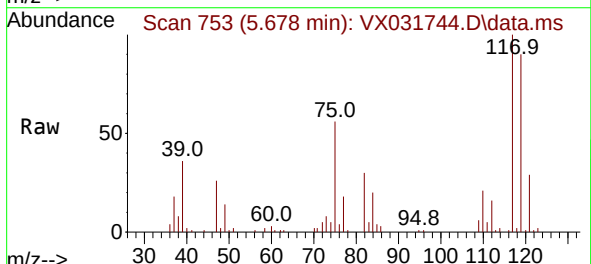
RT: 5.678 min Scan# 753

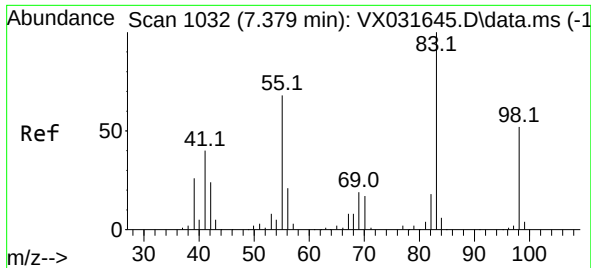
Delta R.T. -0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Tgt Ion:	117	Resp:	33596
Ion Ratio	Lower	Upper	
117	100		
119	89.7	74.6	112.0
121	29.3	25.3	37.9





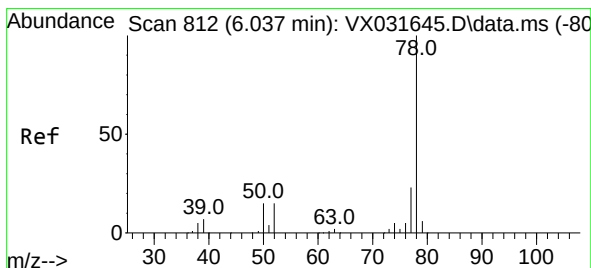
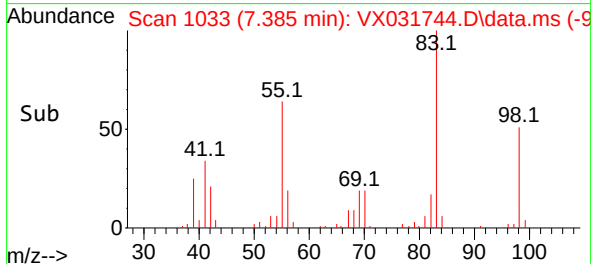
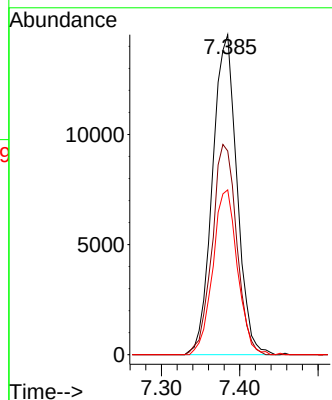
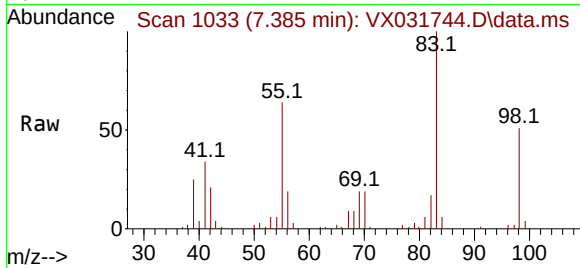
#39
Methylcyclohexane
Concen: 19.148 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 83 Resp: 3150
Ion Ratio Lower Upper
83 100
55 63.7 61.0 91.4
98 51.5 37.7 56.5

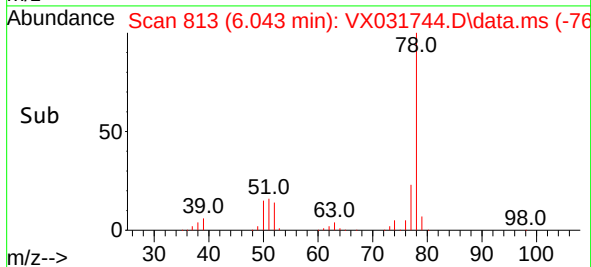
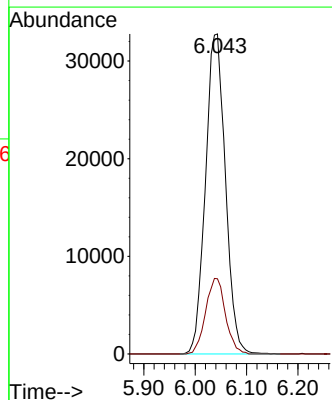
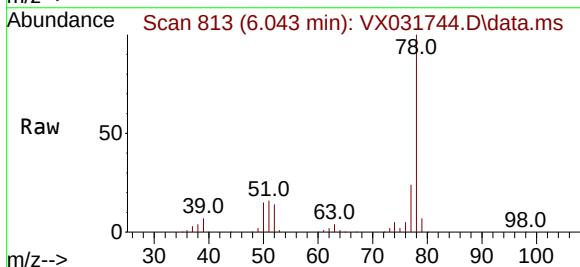
Manual Integrations
APPROVED

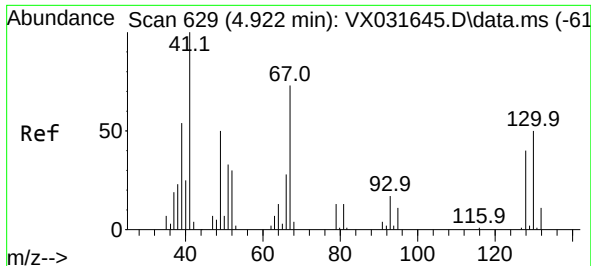
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#40
Benzene
Concen: 19.908 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion: 78 Resp: 88304
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





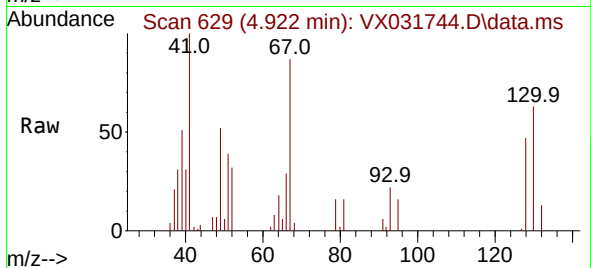
#41
Methacrylonitrile
Concen: 18.669 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02



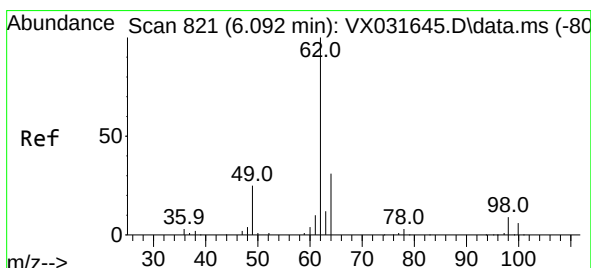
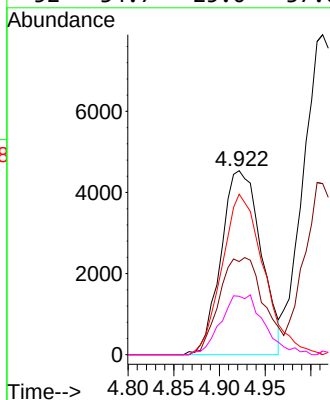
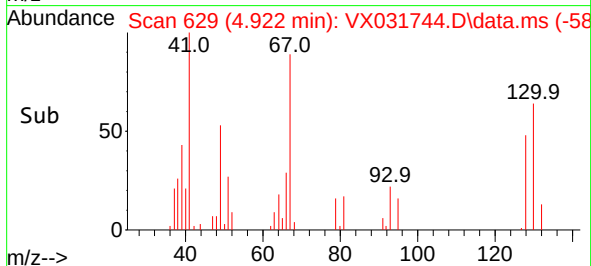
Tgt Ion: 41 Resp: 1383
Ion Ratio Lower Upper
41 100
39 58.7 45.0 67.6
67 90.7 58.2 87.4
52 34.7 25.0 37.6

Manual Integrations

APPROVED

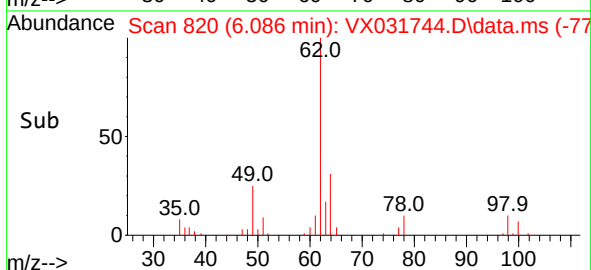
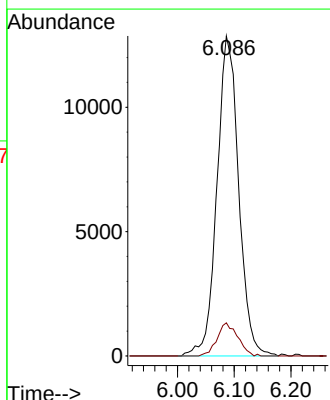
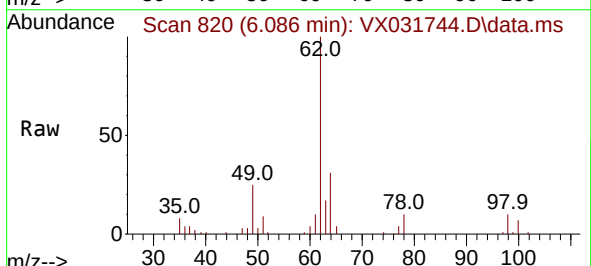
Reviewed By :John Carlone 09/29/2022

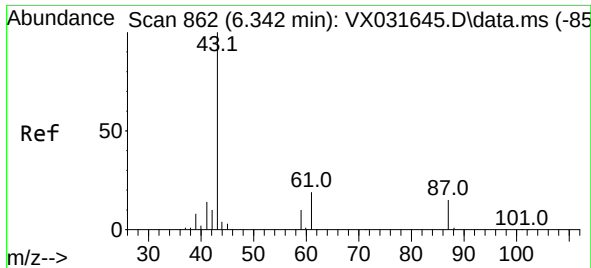
Supervised By :Mahesh Dadoda 09/30/2022



#42
1,2-Dichloroethane
Concen: 19.938 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

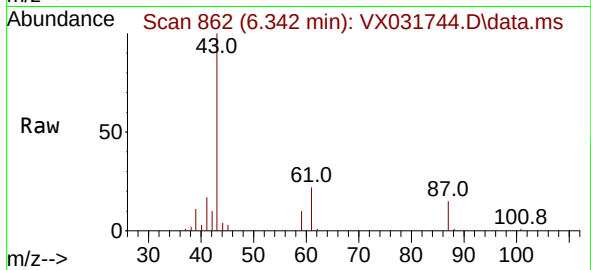
Tgt Ion: 62 Resp: 34203
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 18.712 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

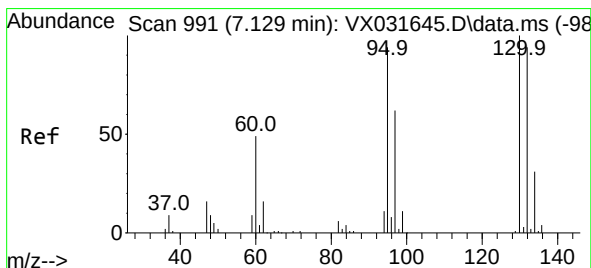
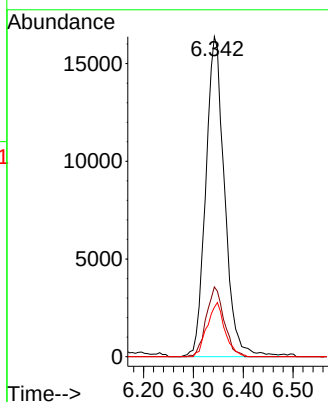
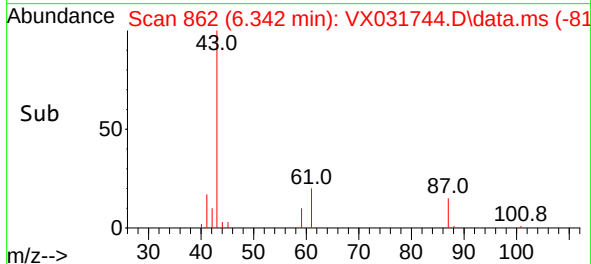
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 43 Resp: 4290
Ion Ratio Lower Upper
43 100
61 20.7 15.3 22.9
87 15.9 10.6 15.8

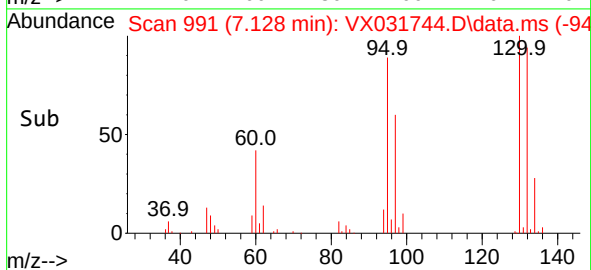
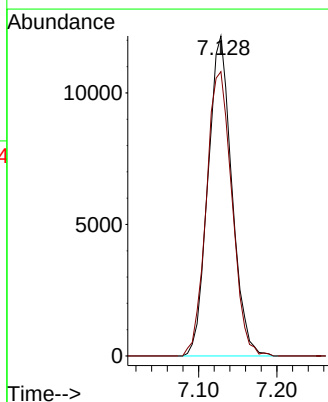
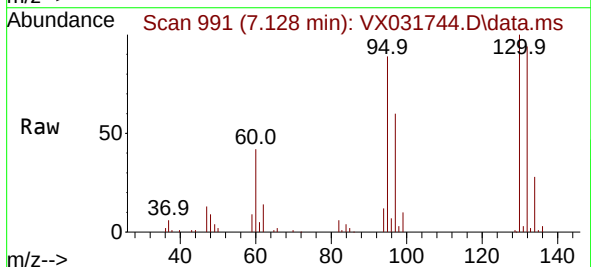
Manual Integrations
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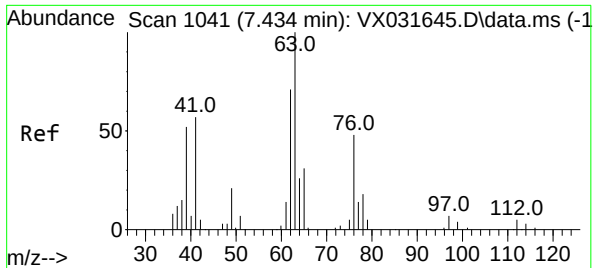
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#44
Trichloroethene
Concen: 20.610 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion:130 Resp: 25821
Ion Ratio Lower Upper
130 100
95 88.8 0.0 206.8





#45

1,2-Dichloropropane

Concen: 20.106 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 63 Resp: 2164

Ion Ratio Lower Upper

63 100

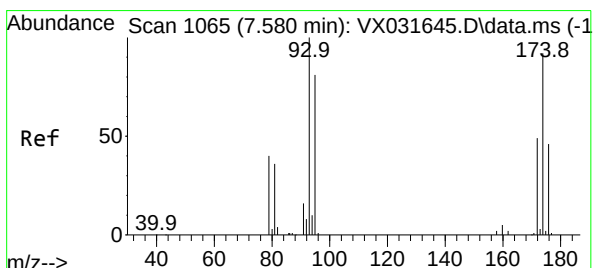
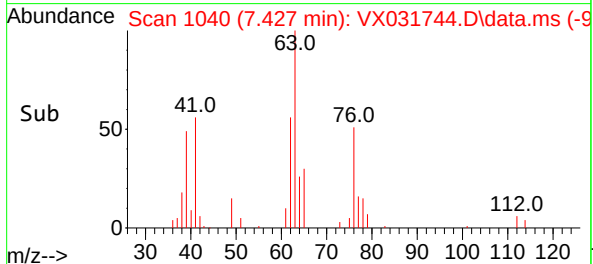
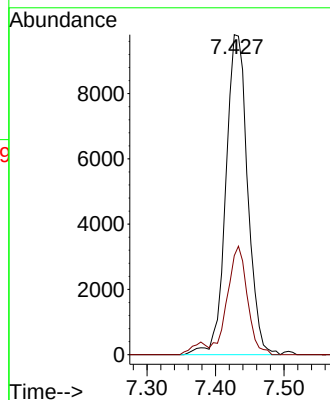
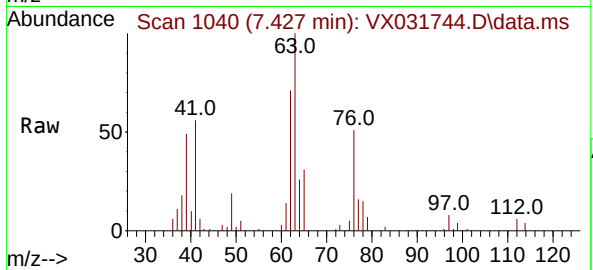
65 31.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#46

Dibromomethane

Concen: 20.462 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

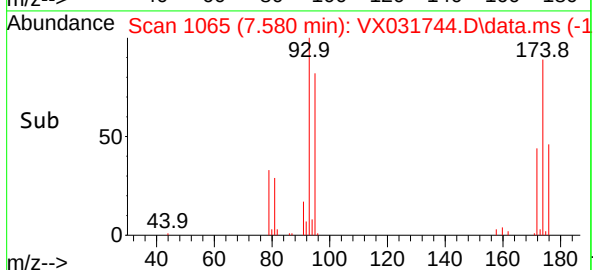
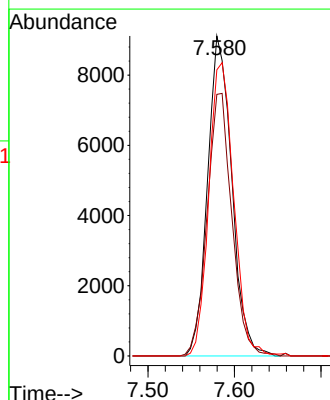
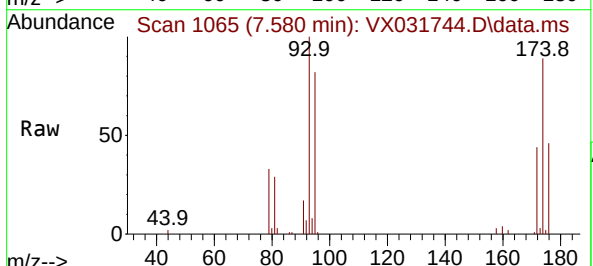
Tgt Ion: 93 Resp: 17690

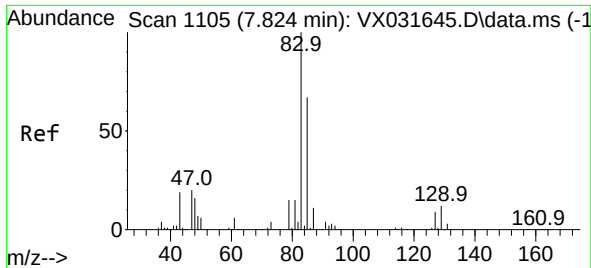
Ion Ratio Lower Upper

93 100

95 84.0 65.5 98.3

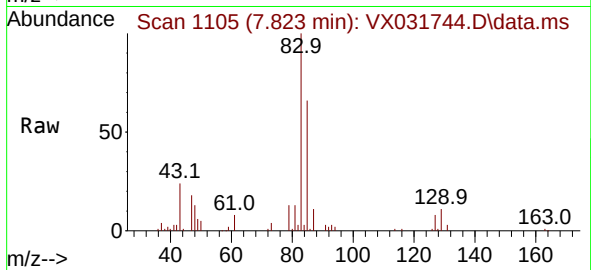
174 94.3 67.6 101.4





#47
Bromodichloromethane
Concen: 20.533 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

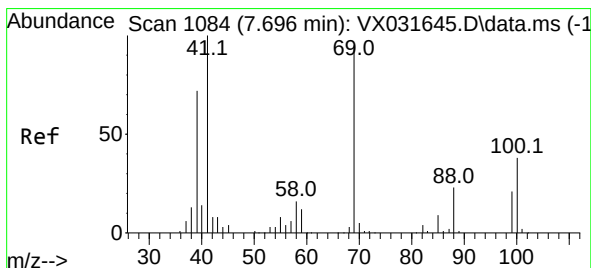
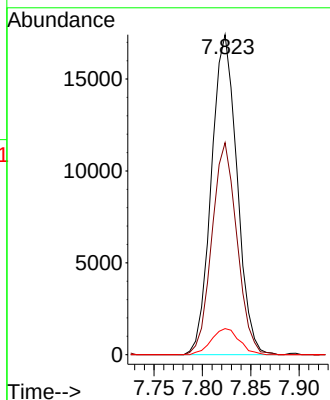
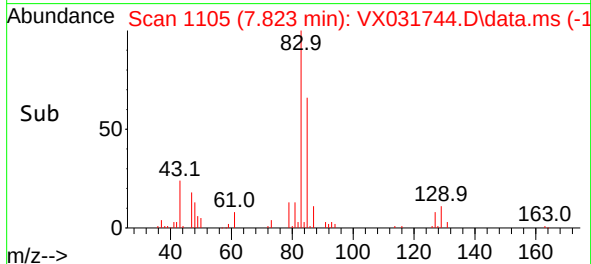
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



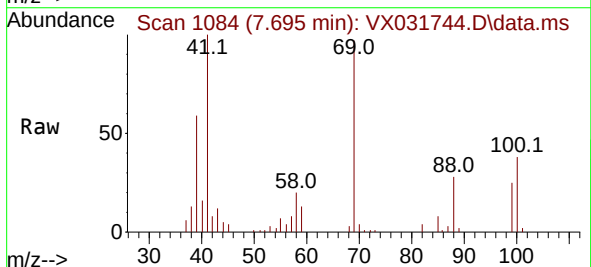
Tgt Ion: 83 Resp: 3203
Ion Ratio Lower Upper
83 100
85 66.3 51.0 76.6
127 8.2 7.0 10.6

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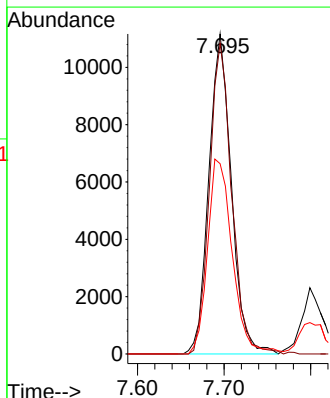
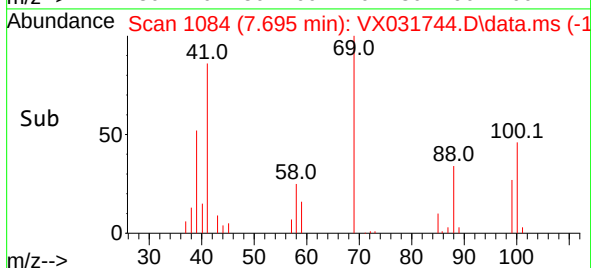
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

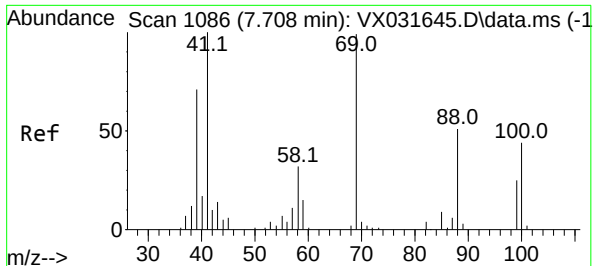


#48
Methyl methacrylate
Concen: 19.969 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



Tgt Ion: 41 Resp: 20135
Ion Ratio Lower Upper
41 100
69 96.0 64.6 96.8
39 66.9 51.4 77.0





#49

1,4-Dioxane

Concen: 462.650 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

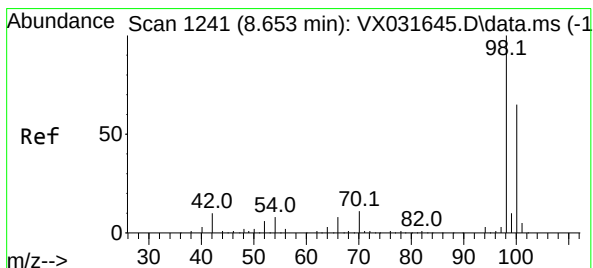
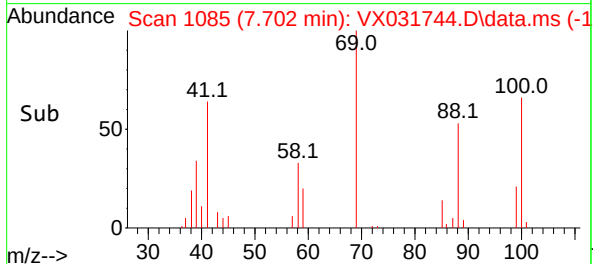
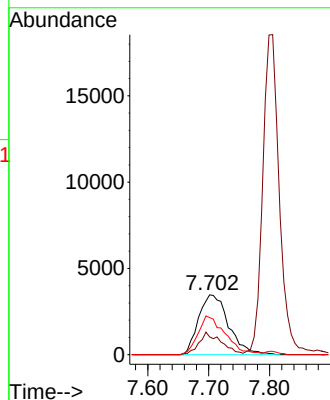
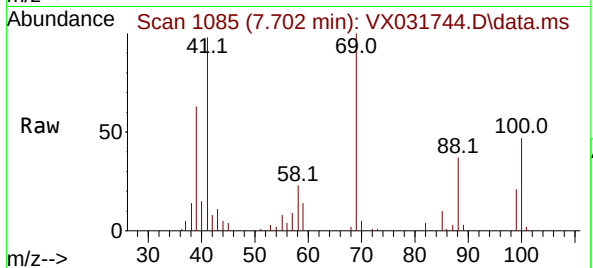
Tgt Ion: 88 Resp: 11895
 Ion Ratio Lower Upper
 88 100
 43 28.0 27.1 40.7
 58 58.7 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#50

Toluene-d8

Concen: 47.554 ug/l

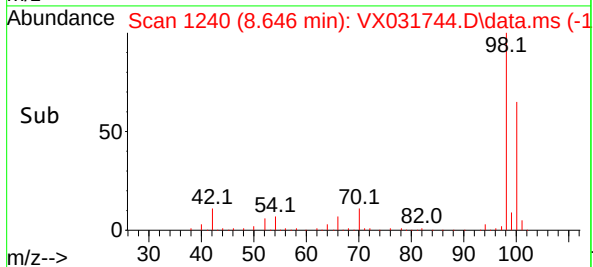
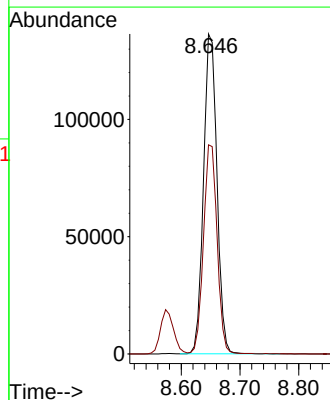
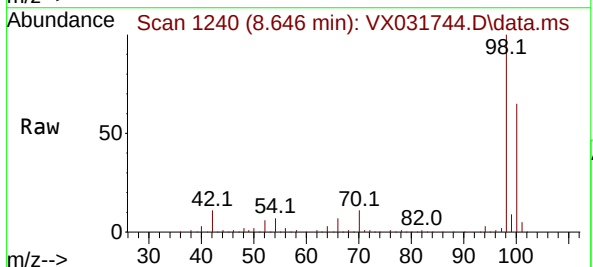
RT: 8.646 min Scan# 1240

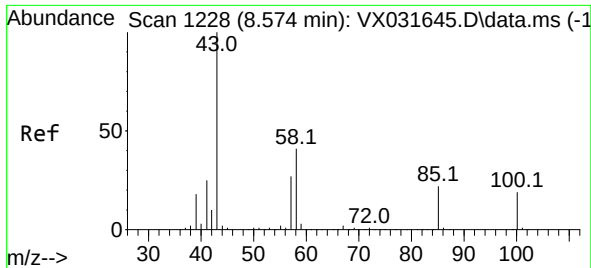
Delta R.T. -0.007 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

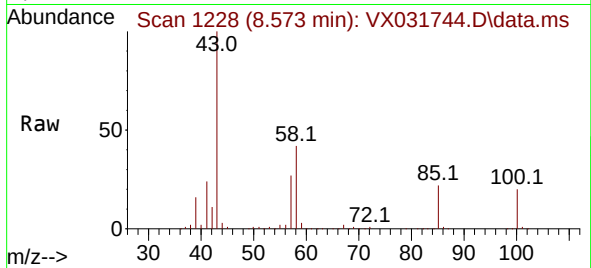
Tgt Ion: 98 Resp: 216800
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 98.710 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

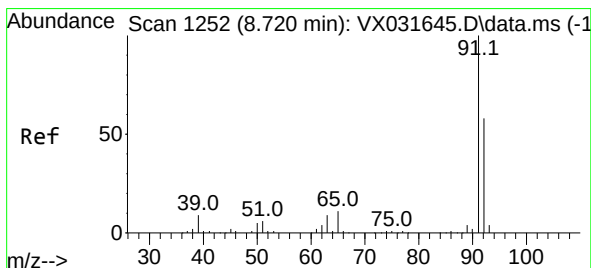
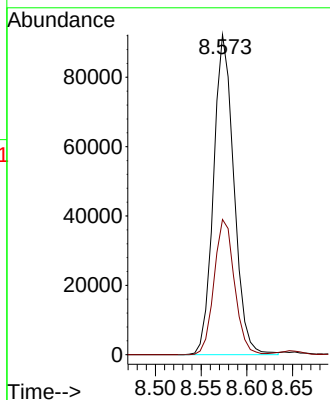
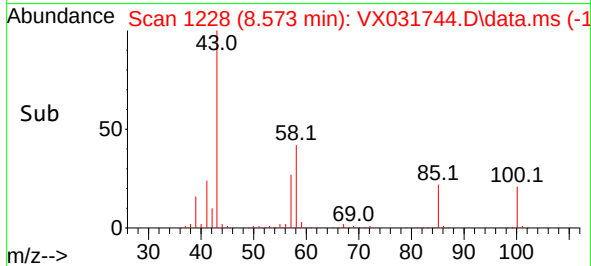
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 43 Resp: 14324
Ion Ratio Lower Upper
43 100
58 42.3 30.6 46.0

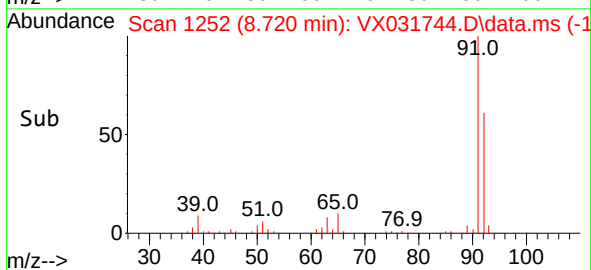
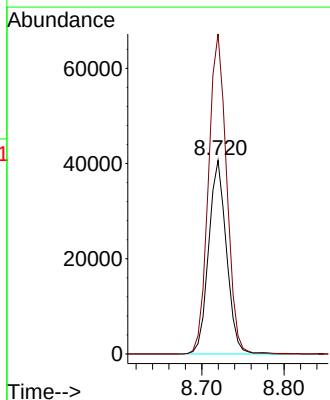
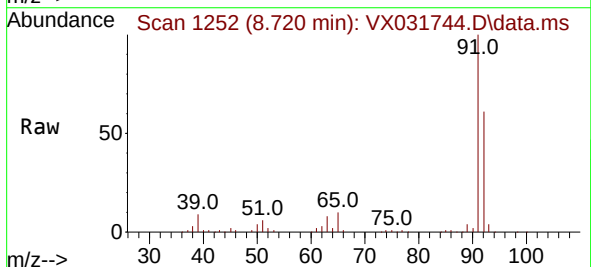
Manual Integrations
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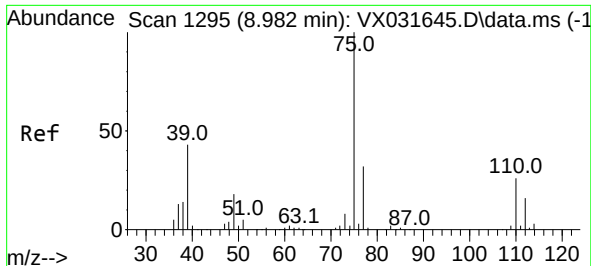
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#52
Toluene
Concen: 20.626 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion: 92 Resp: 60985
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 17.170 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 75 Resp: 28619

Ion Ratio Lower Upper

75 100

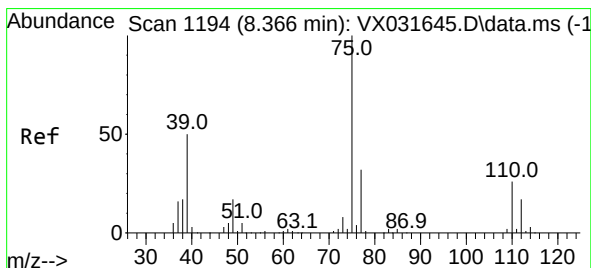
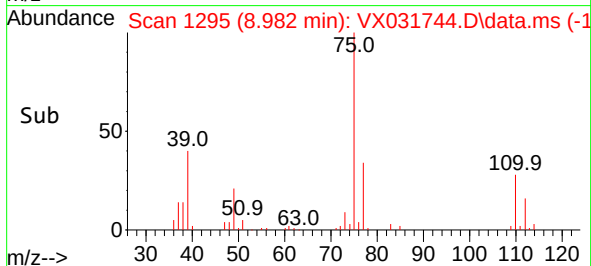
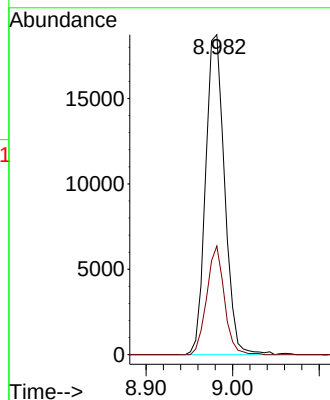
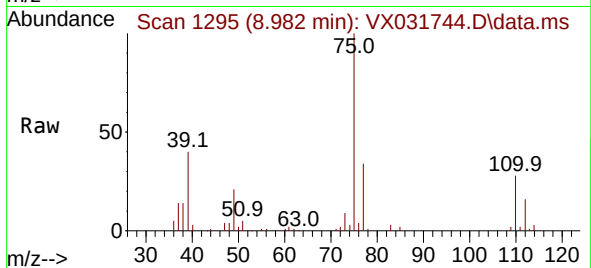
77 34.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#54

cis-1,3-Dichloropropene

Concen: 20.033 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

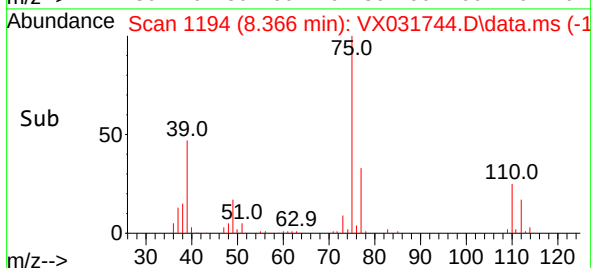
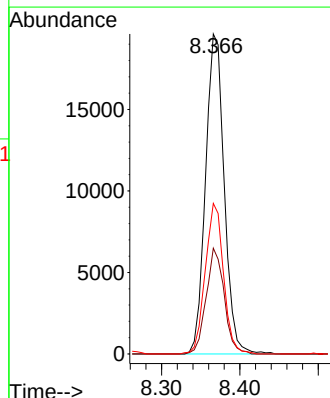
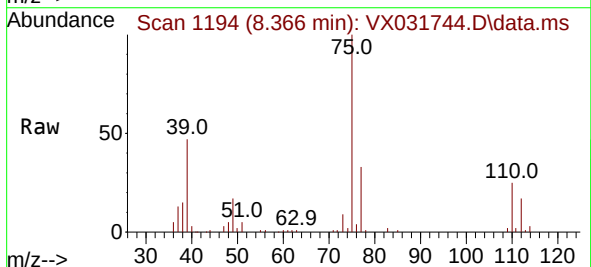
Tgt Ion: 75 Resp: 32479

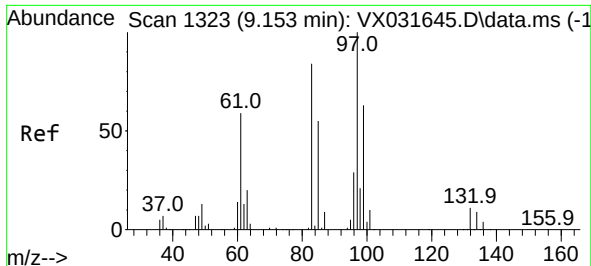
Ion Ratio Lower Upper

75 100

77 33.1 24.4 36.6

39 47.1 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 19.905 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.001 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 97 Resp: 25339

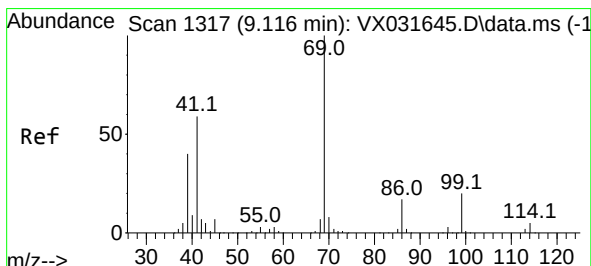
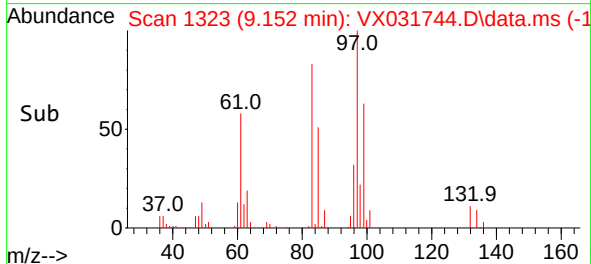
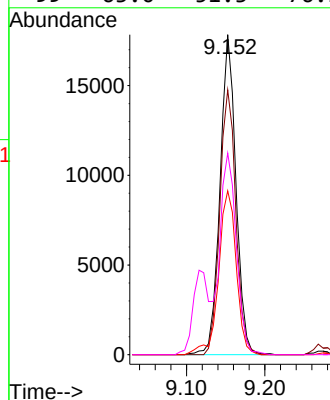
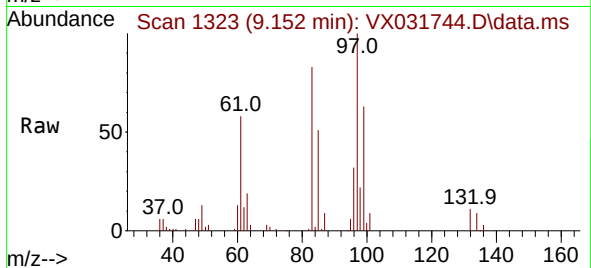
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.0	103.6
85	51.2	44.1	66.1
99	63.0	51.3	76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#56

Ethyl methacrylate

Concen: 20.379 ug/l

RT: 9.116 min Scan# 1317

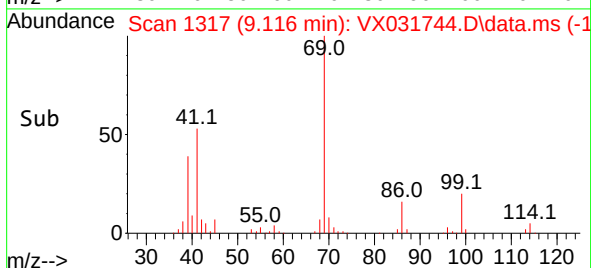
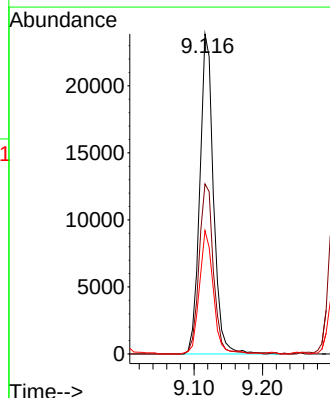
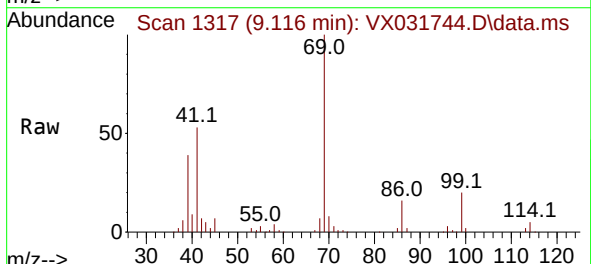
Delta R.T. -0.000 min

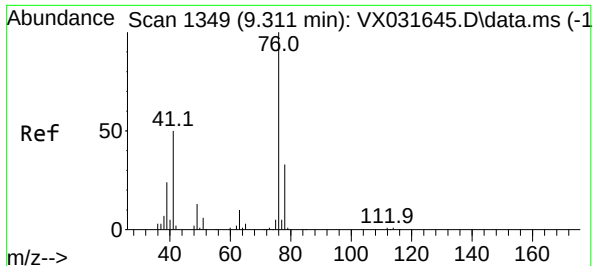
Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Tgt Ion: 69 Resp: 33191

Ion	Ratio	Lower	Upper
69	100		
41	55.9	54.2	81.4
39	39.3	34.2	51.2





#57

1,3-Dichloropropane

Concen: 20.170 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 76 Resp: 40662

Ion Ratio Lower Upper

76 100

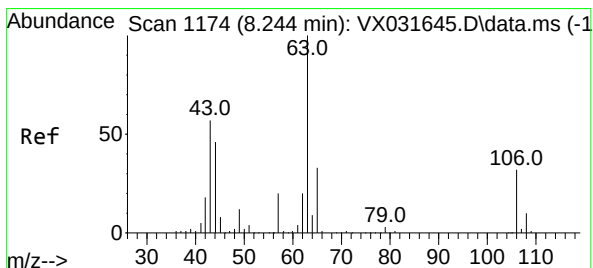
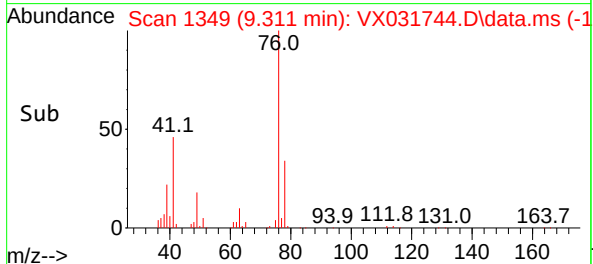
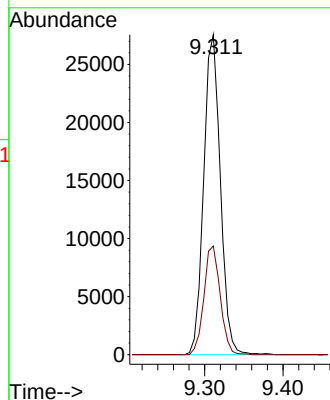
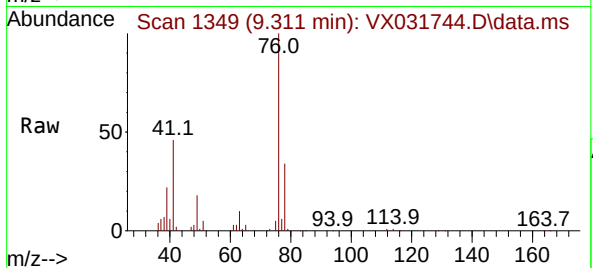
78 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 93.322 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031744.D

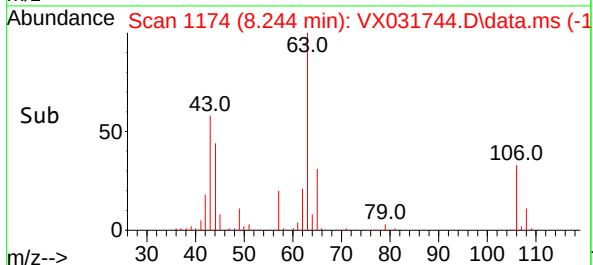
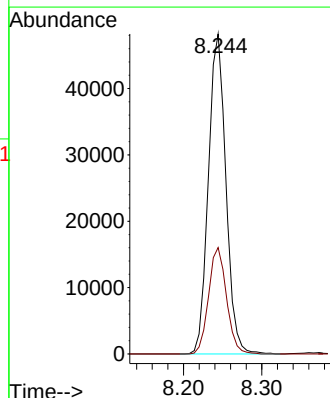
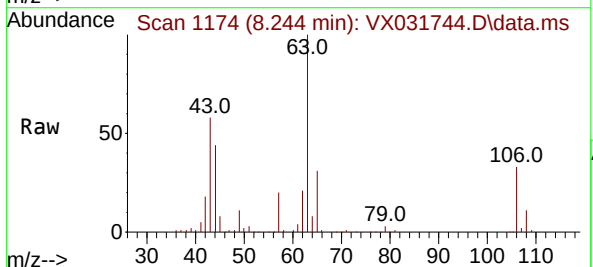
Acq: 28 Sep 2022 23:03

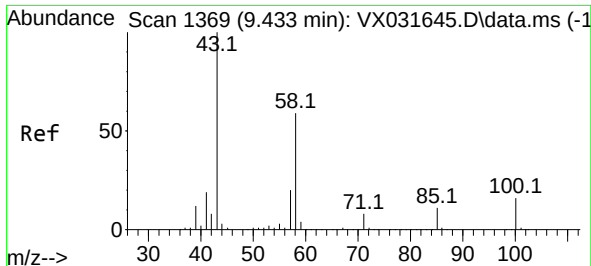
Tgt Ion: 63 Resp: 74843

Ion Ratio Lower Upper

63 100

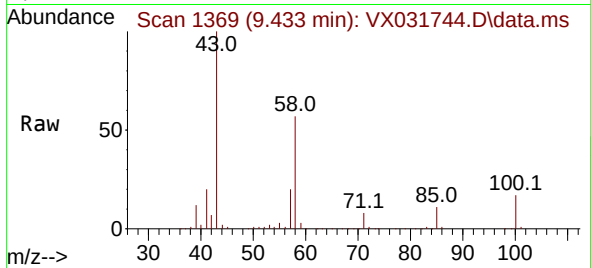
106 34.0 22.6 34.0#





#59
2-Hexanone
Concen: 97.610 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

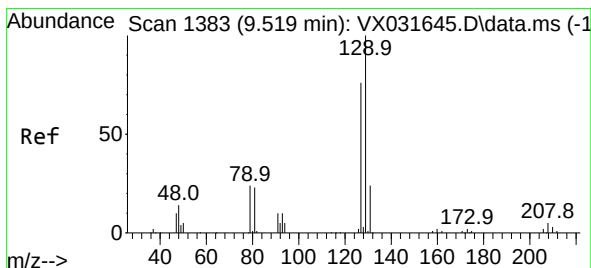
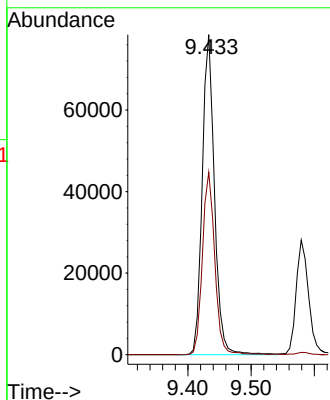
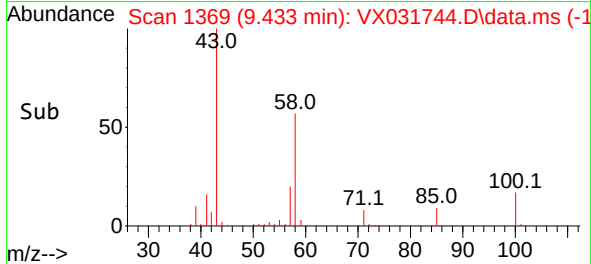
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 43 Resp: 10568
Ion Ratio Lower Upper
43 100
58 57.7 26.7 80.0

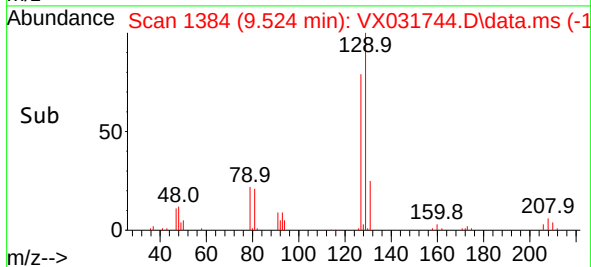
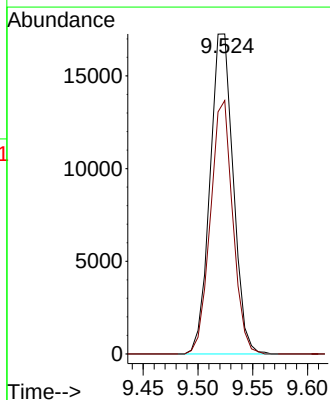
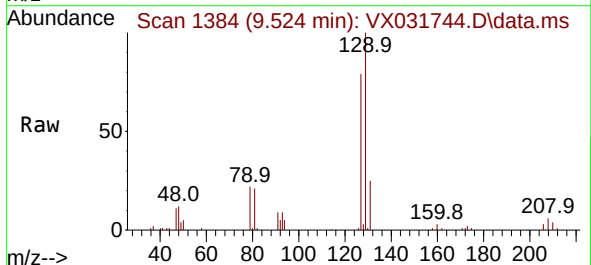
Manual Integrations
APPROVED

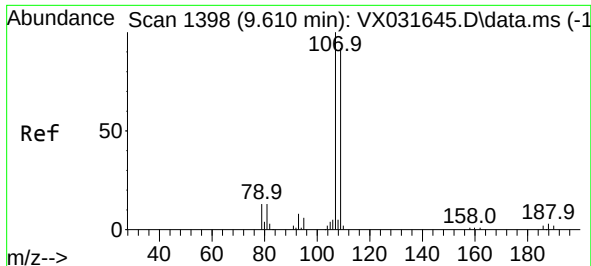
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#60
Dibromochloromethane
Concen: 18.168 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion:129 Resp: 25500
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.148 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

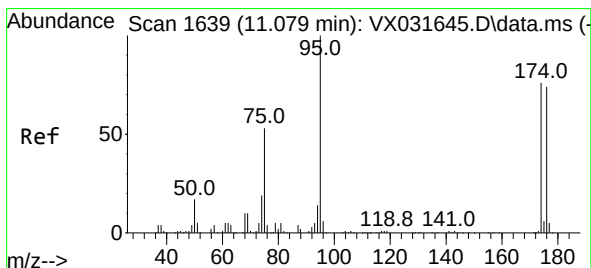
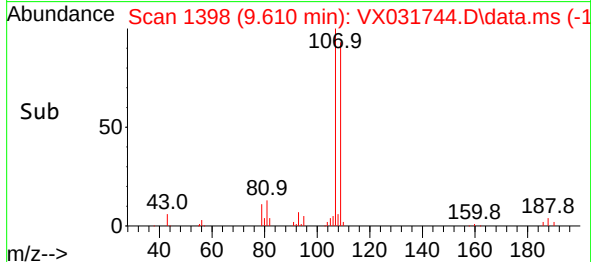
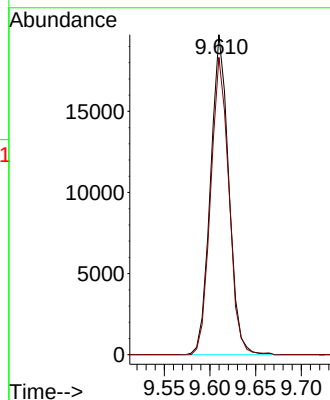
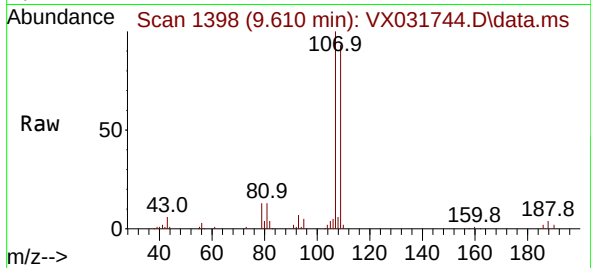
VX0928WBSD02

Tgt Ion:107 Resp: 2732
Ion Ratio Lower Upper
107 100
109 92.7 74.2 111.4

Manual Integrations

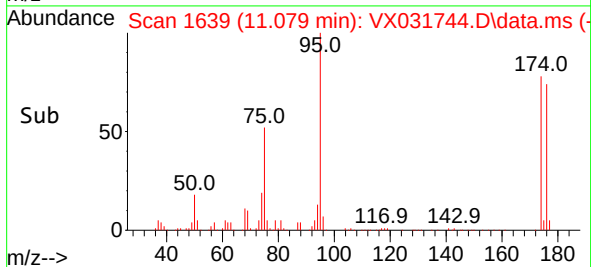
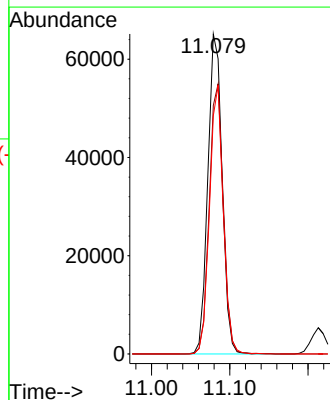
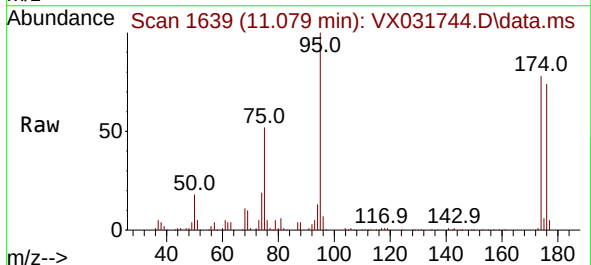
APPROVED

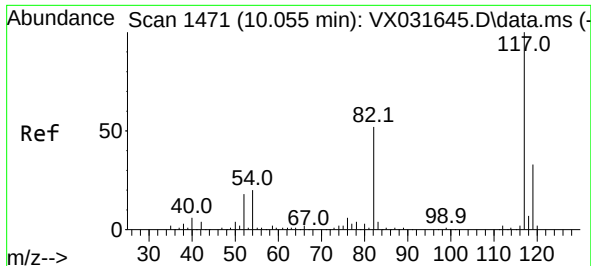
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#62
4-Bromofluorobenzene
Concen: 49.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

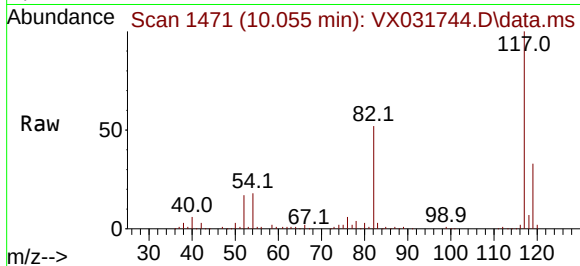
Tgt Ion: 95 Resp: 82420
Ion Ratio Lower Upper
95 100
174 83.5 0.0 153.2
176 80.5 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

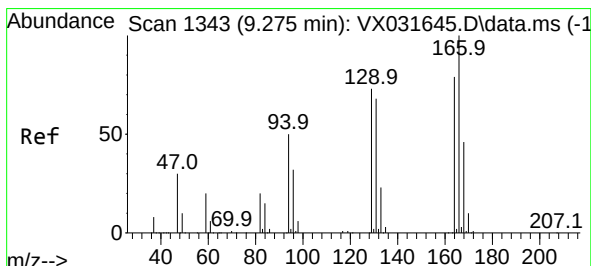
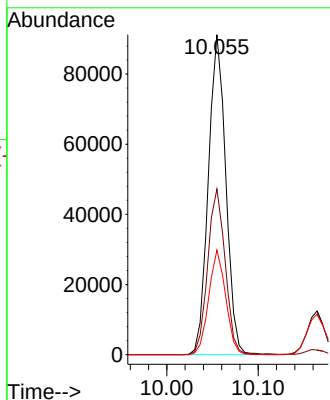
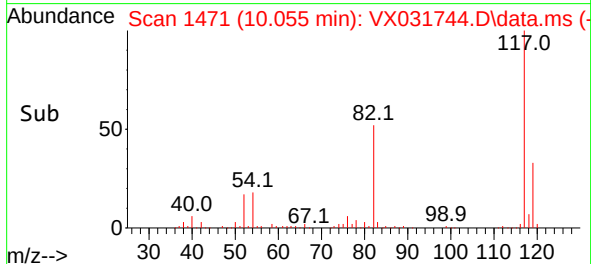
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:117 Resp: 12084
Ion Ratio Lower Upper
117 100
82 51.8 46.8 70.2
119 32.7 26.4 39.6

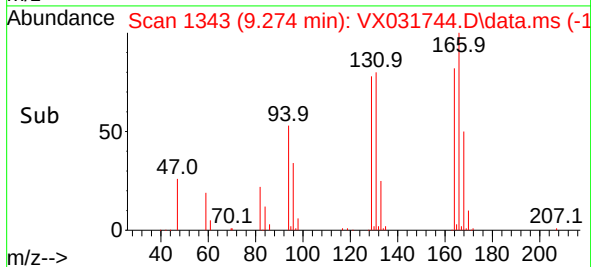
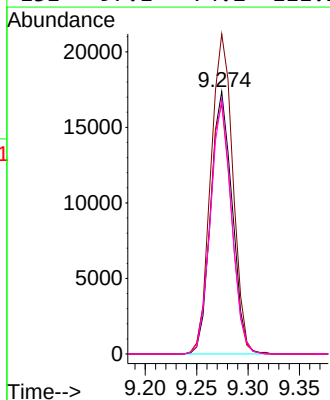
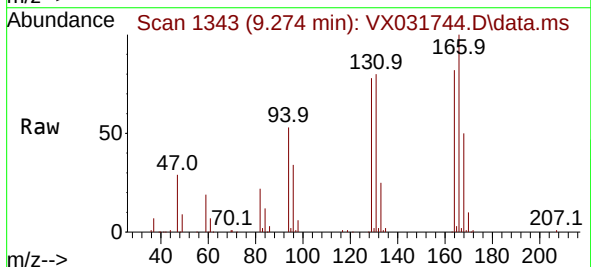
Manual Integrations
APPROVED

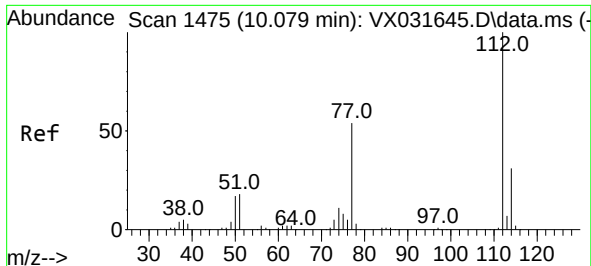
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#64
Tetrachloroethene
Concen: 19.513 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

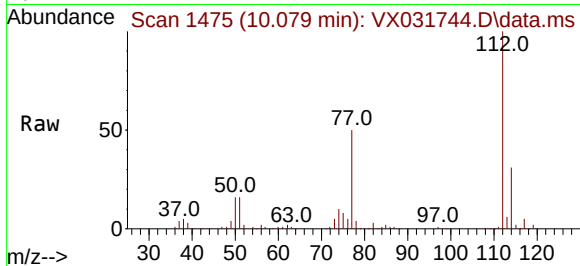
Tgt Ion:164 Resp: 25205
Ion Ratio Lower Upper
164 100
166 121.9 99.0 148.4
129 95.2 78.0 117.0
131 97.1 74.2 111.2





#65
Chlorobenzene
Concen: 20.665 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

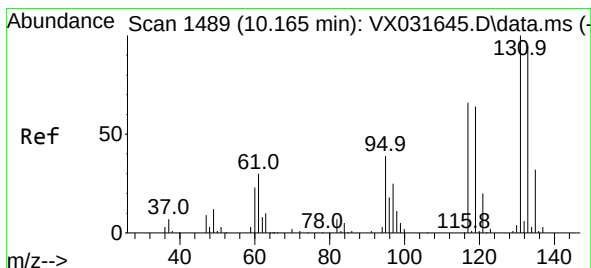
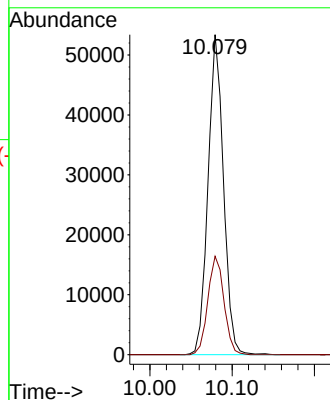
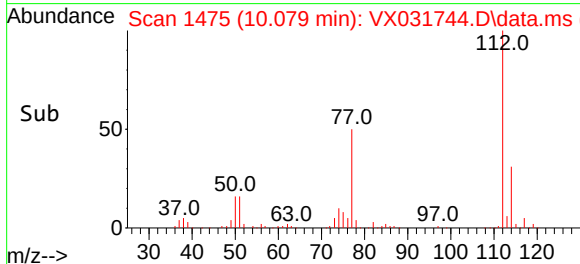
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



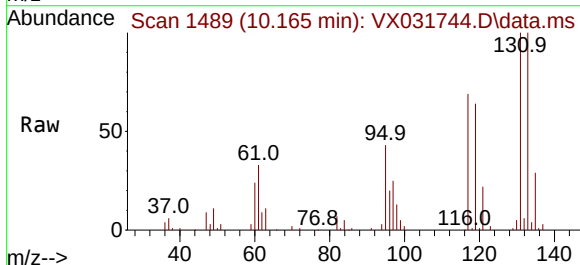
Tgt Ion:112 Resp: 69574
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

Manual Integrations
APPROVED

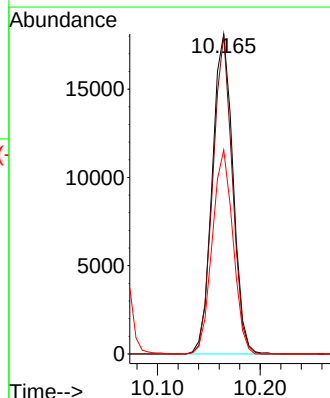
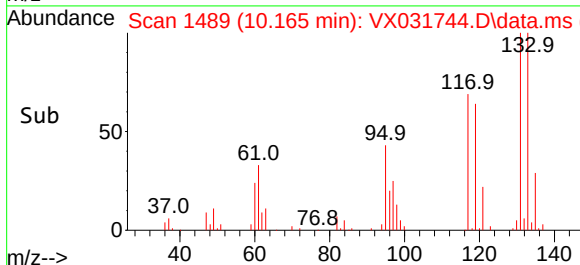
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

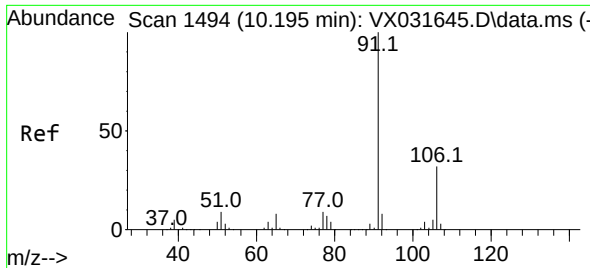


#66
1,1,1,2-Tetrachloroethane
Concen: 20.875 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



Tgt Ion:131 Resp: 25287
Ion Ratio Lower Upper
131 100
133 94.0 46.6 139.7
119 63.9 31.9 95.9





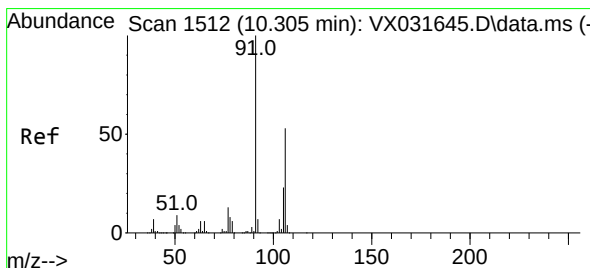
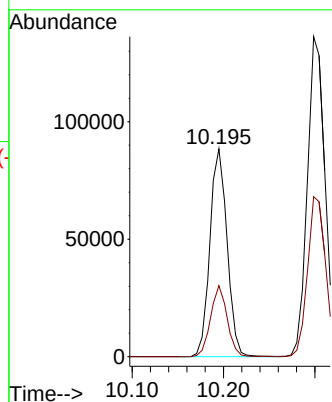
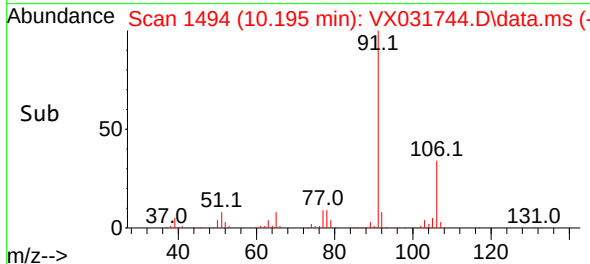
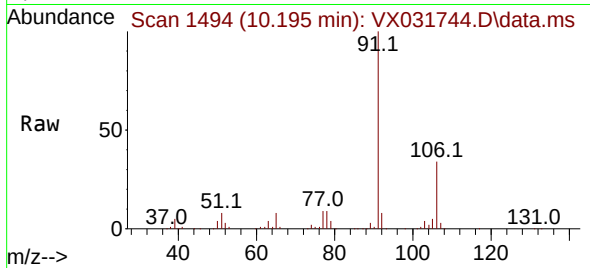
#67
Ethyl Benzene
Concen: 20.123 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 91 Resp: 11525
Ion Ratio Lower Upper
91 100
106 34.2 25.2 37.8

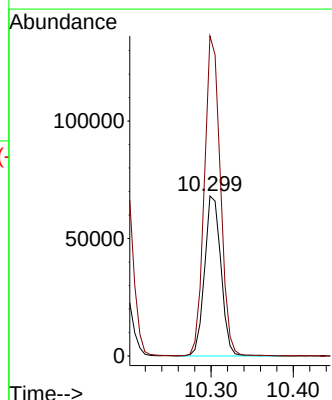
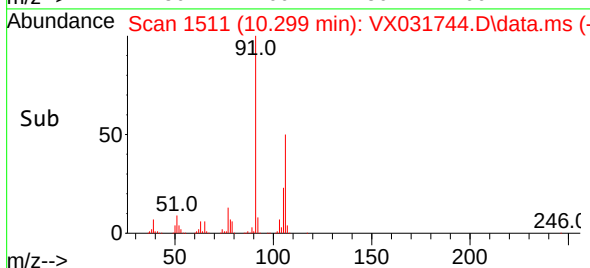
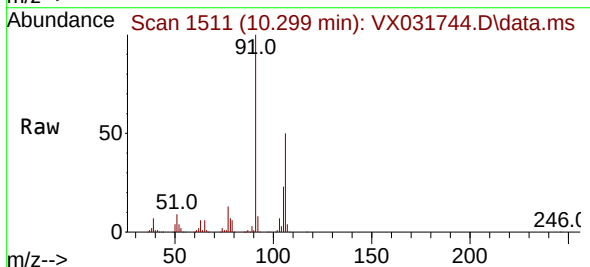
Manual Integrations
APPROVED

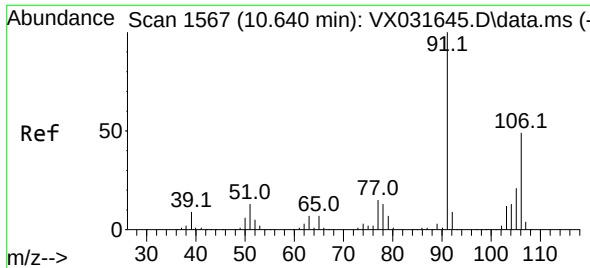
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#68
m/p-Xylenes
Concen: 40.906 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion:106 Resp: 94132
Ion Ratio Lower Upper
106 100
91 195.3 161.0 241.4





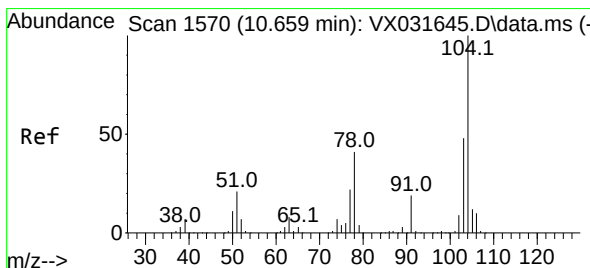
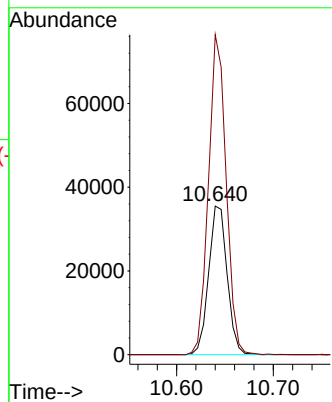
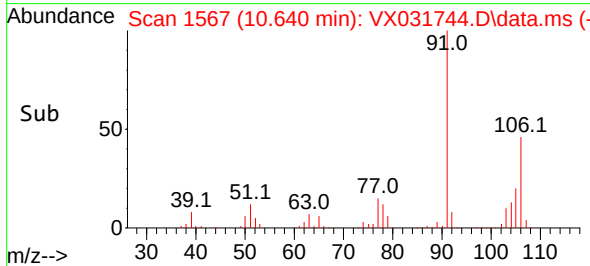
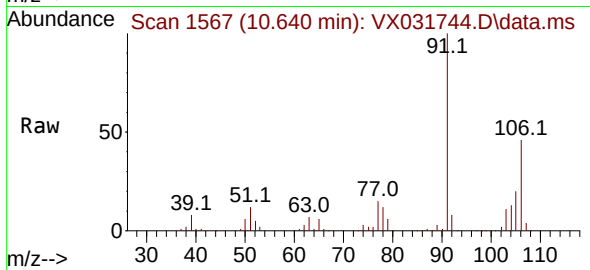
#69
o-Xylene
Concen: 20.993 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion:106 Resp: 47218
Ion Ratio Lower Upper
106 100
91 206.3 107.2 321.6

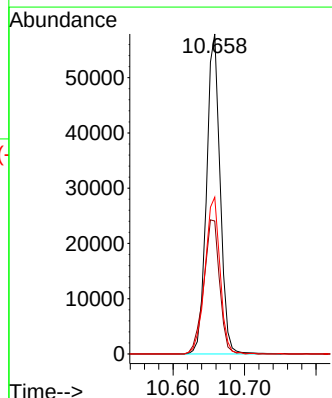
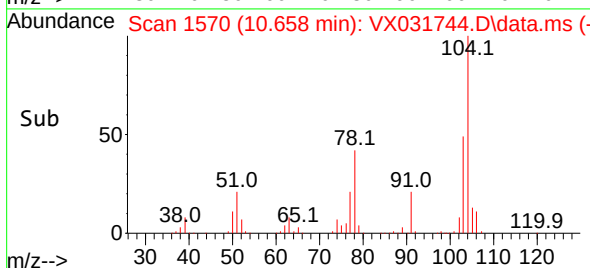
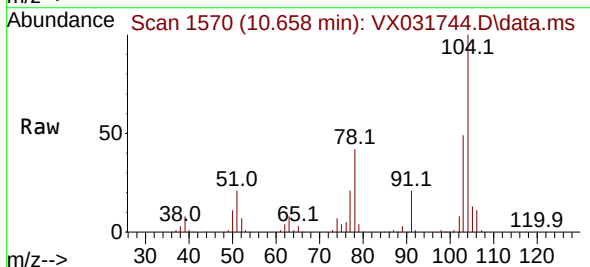
Manual Integrations
APPROVED

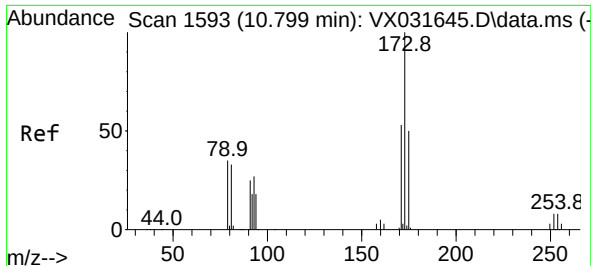
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#70
Styrene
Concen: 20.878 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

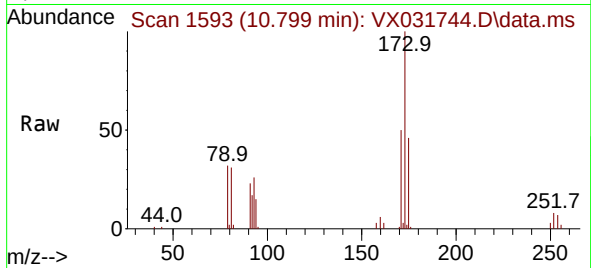
Tgt Ion:104 Resp: 76438
Ion Ratio Lower Upper
104 100
78 48.9 41.4 62.2
103 54.1 43.8 65.8





#71
Bromoform
Concen: 17.945 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

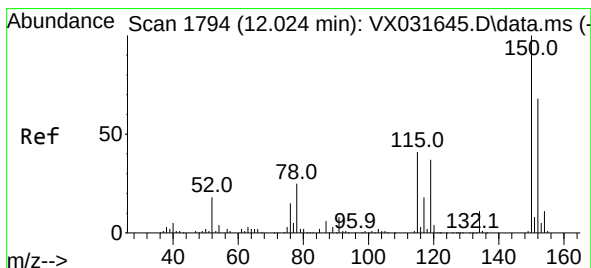
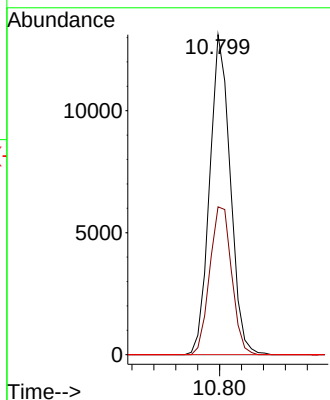
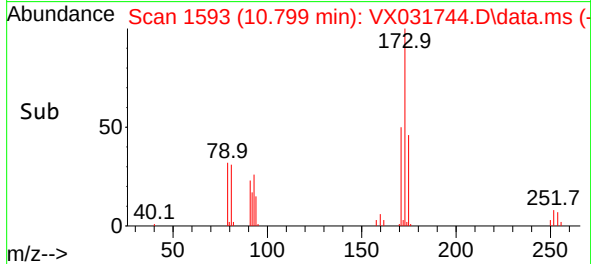
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:173 Resp: 17130
Ion Ratio Lower Upper
173 100
175 49.1 24.0 72.0
254 0.0 0.0 0.0

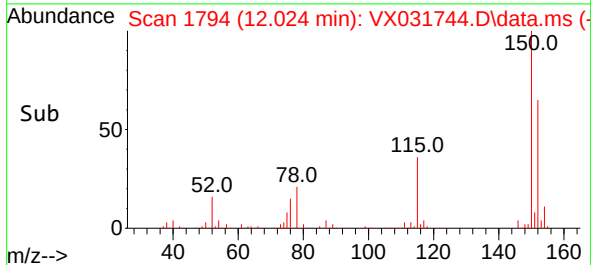
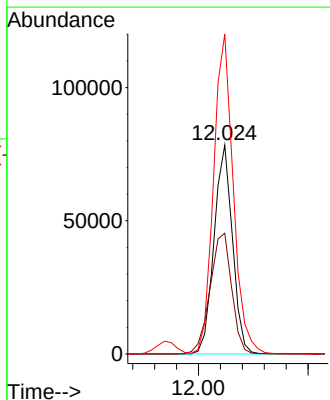
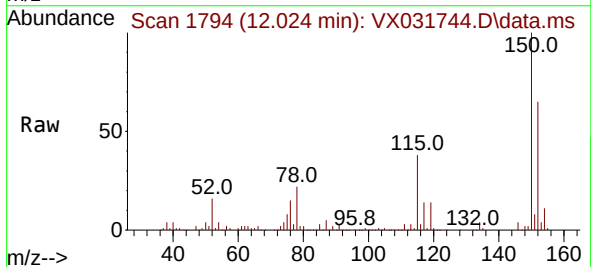
Manual Integrations
APPROVED

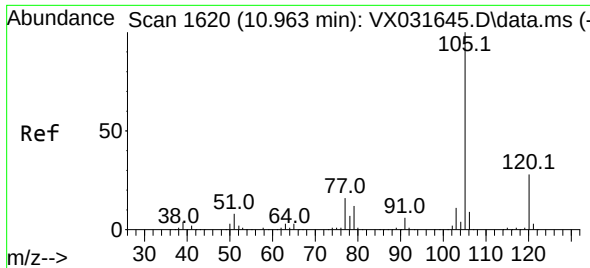
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

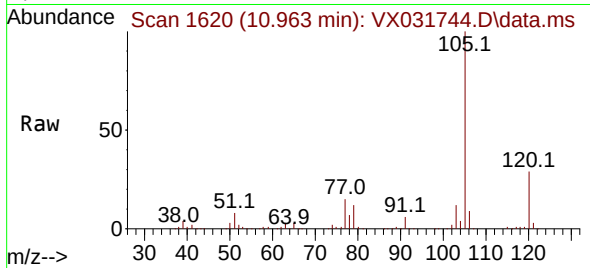
Tgt Ion:152 Resp: 91720
Ion Ratio Lower Upper
152 100
115 67.6 43.4 130.1
150 163.5 0.0 346.8





#73
Isopropylbenzene
Concen: 20.428 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

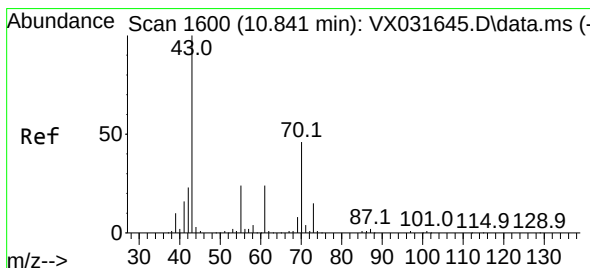
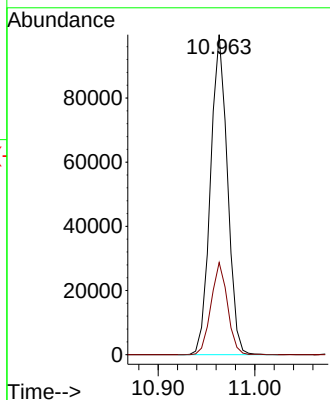
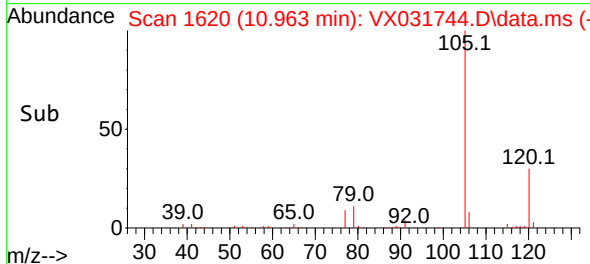
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



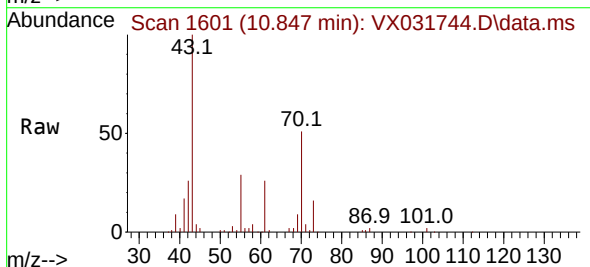
Tgt Ion:105 Resp: 121168
Ion Ratio Lower Upper
105 100
120 27.9 13.7 41.0

Manual Integrations
APPROVED

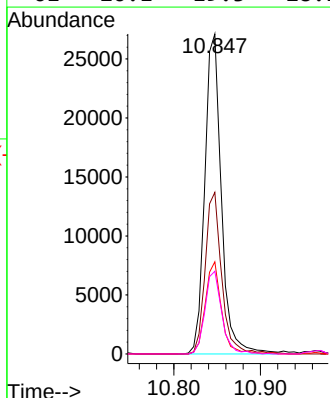
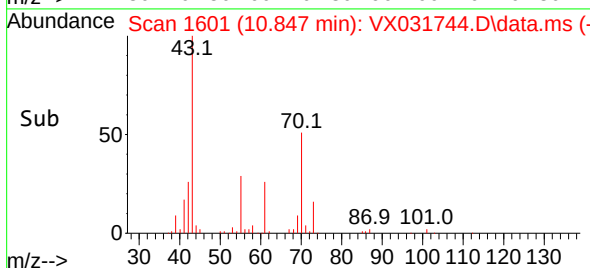
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

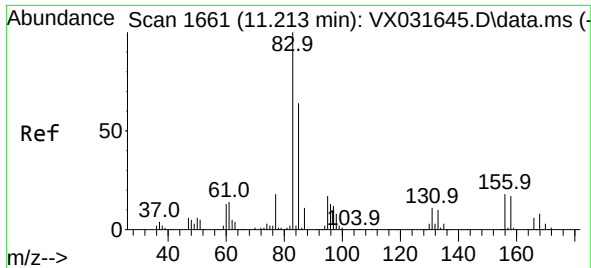


#74
N-ethyl acetate
Concen: 18.772 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



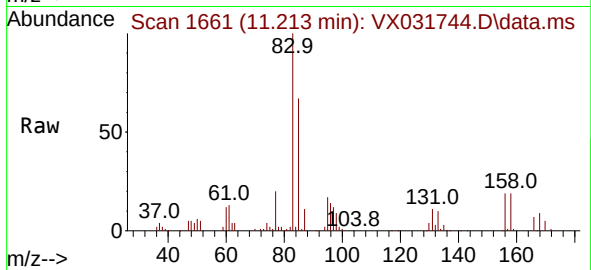
Tgt Ion: 43 Resp: 36118
Ion Ratio Lower Upper
43 100
70 50.3 33.4 50.2#
55 28.2 18.2 27.2#
61 26.1 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 20.426 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

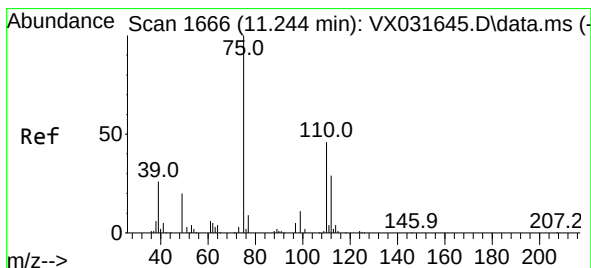
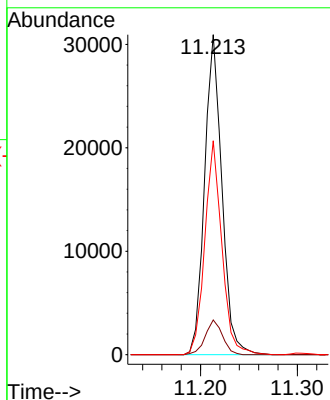
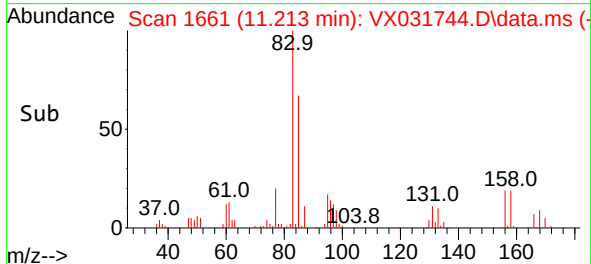
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 83 Resp: 3849
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 65.8 32.6 97.8

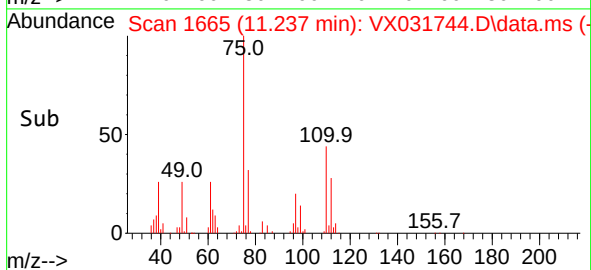
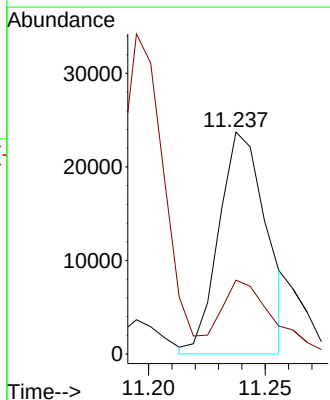
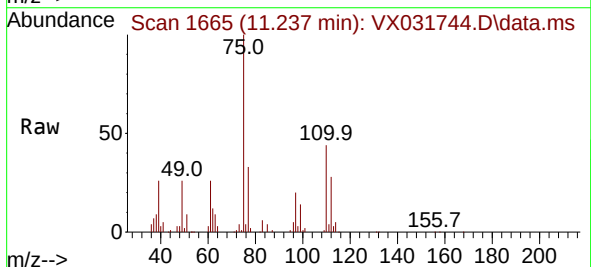
Manual Integrations
APPROVED

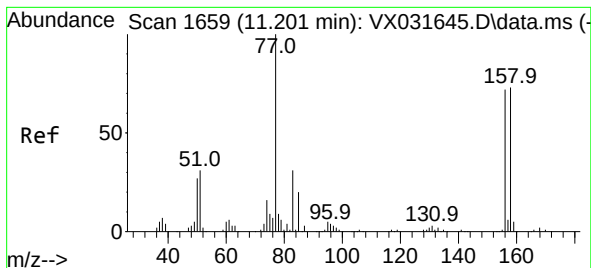
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#76
1,2,3-Trichloropropane
Concen: 20.096 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion: 75 Resp: 33416
Ion Ratio Lower Upper
75 100
77 38.5 20.3 60.9





#77

Bromobenzene

Concen: 19.993 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion:156 Resp: 30148

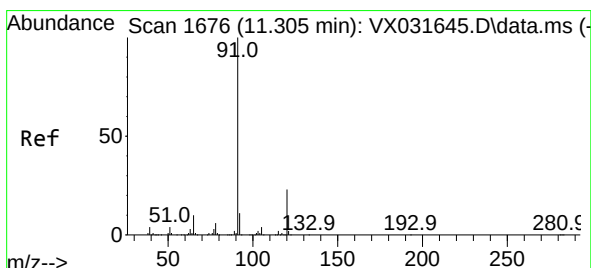
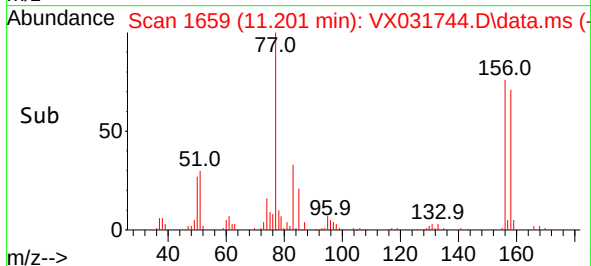
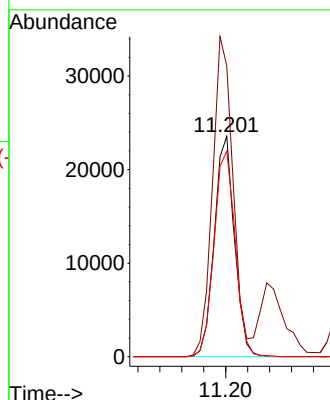
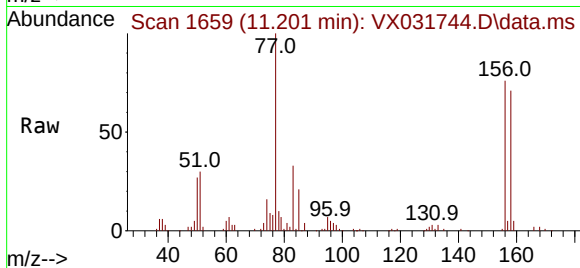
Ion	Ratio	Lower	Upper
156	100		
77	146.5	79.5	238.6
158	97.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#78

n-propylbenzene

Concen: 20.950 ug/l

RT: 11.305 min Scan# 1676

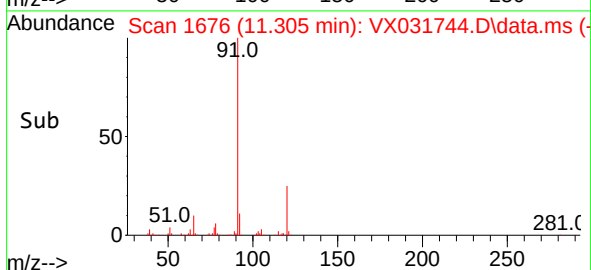
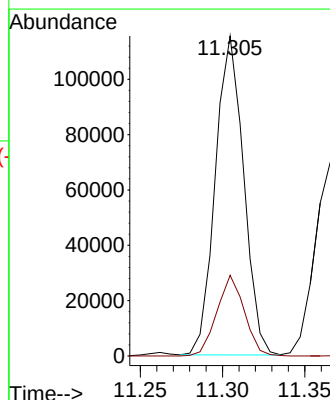
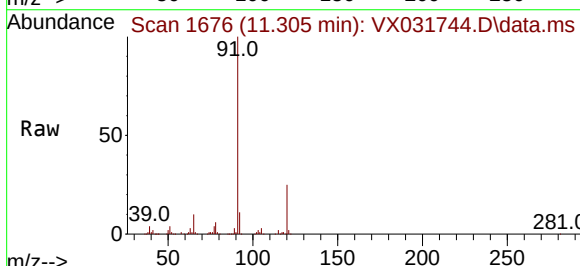
Delta R.T. -0.000 min

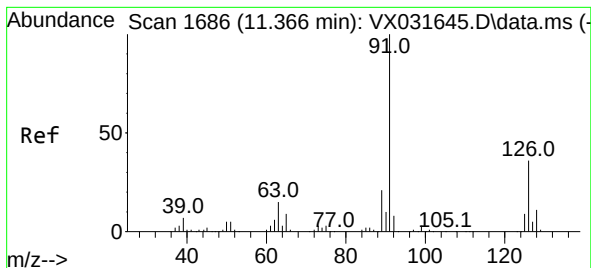
Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Tgt Ion: 91 Resp: 138279

Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.8	35.4





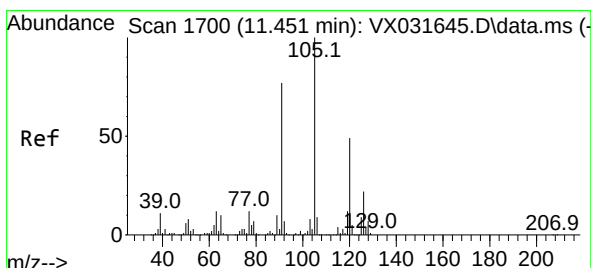
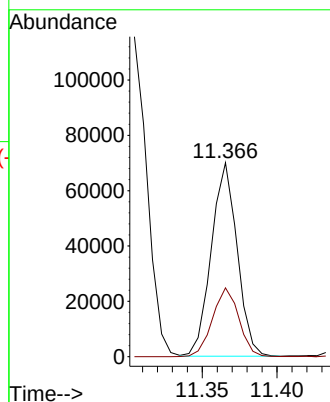
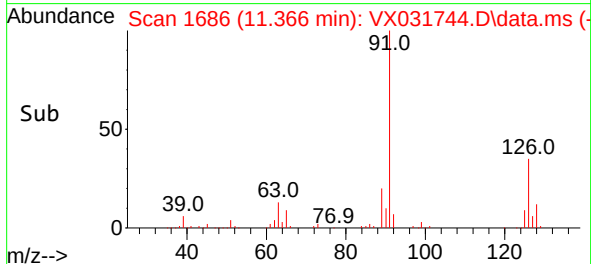
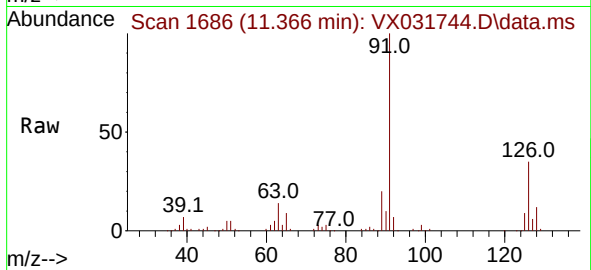
#79
2-Chlorotoluene
Concen: 20.654 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 91 Resp: 8418
Ion Ratio Lower Upper
91 100
126 36.2 17.4 52.3

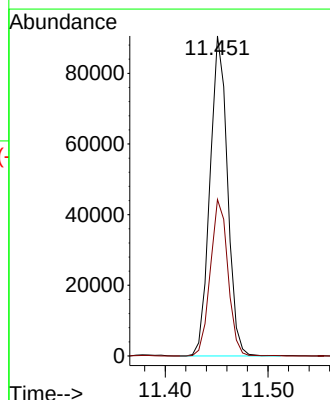
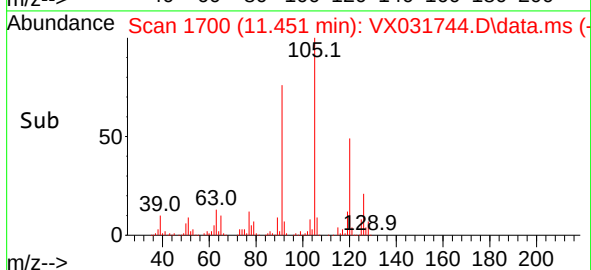
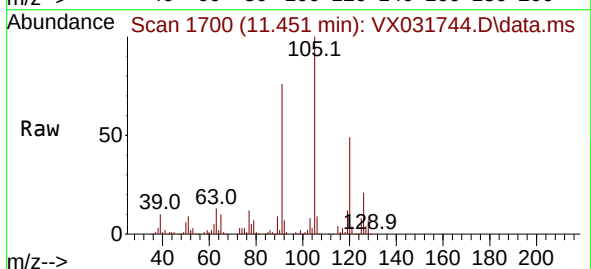
Manual Integrations
APPROVED

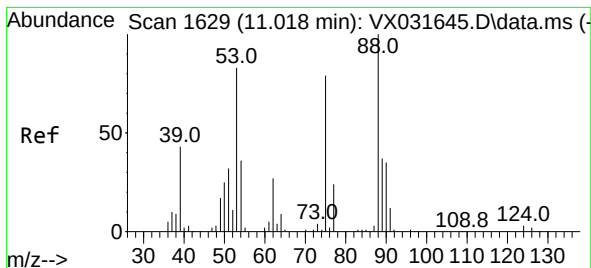
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.314 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

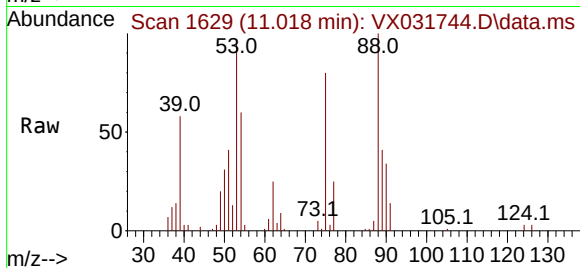
Tgt Ion:105 Resp: 107168
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.383 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

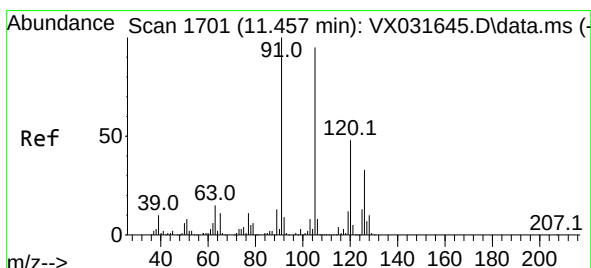
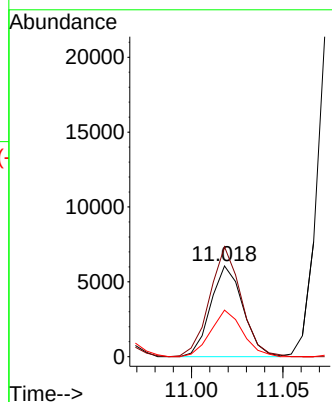
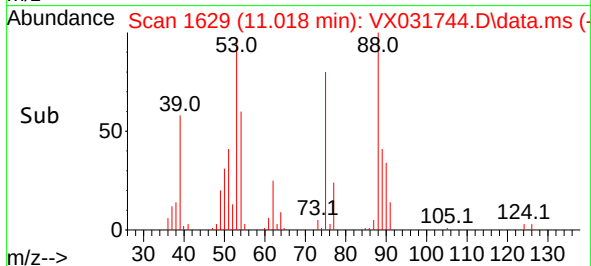
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 75 Resp: 7460
Ion Ratio Lower Upper
75 100
53 118.1 77.6 116.4
89 50.7 37.4 56.0

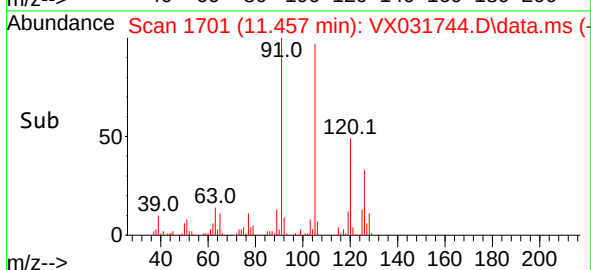
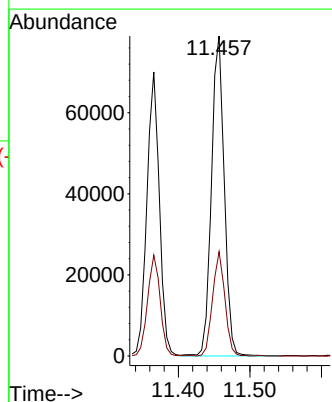
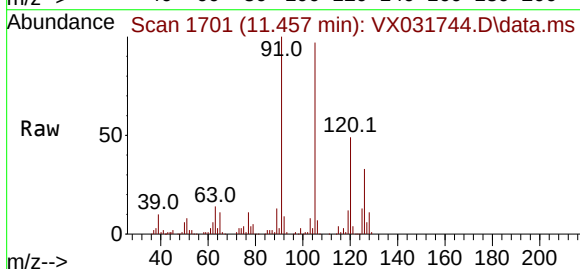
Manual Integrations
APPROVED

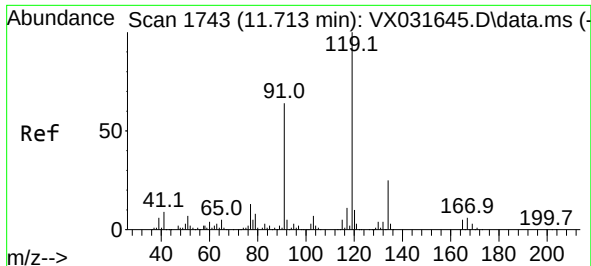
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#82
4-Chlorotoluene
Concen: 20.835 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

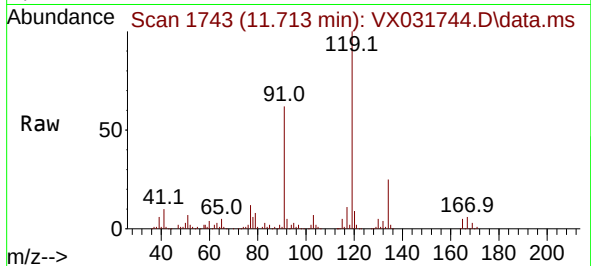
Tgt Ion: 91 Resp: 98108
Ion Ratio Lower Upper
91 100
126 31.3 15.1 45.3





#83
tert-Butylbenzene
Concen: 21.376 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

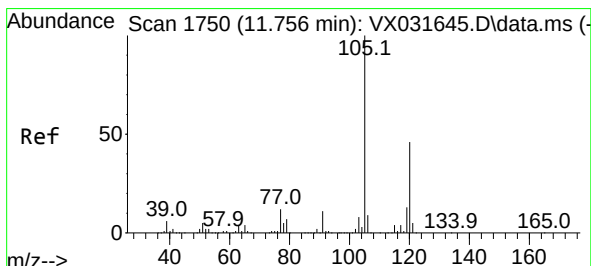
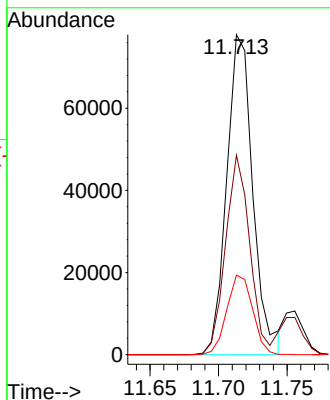
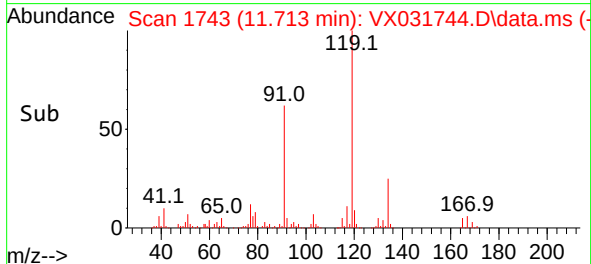
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



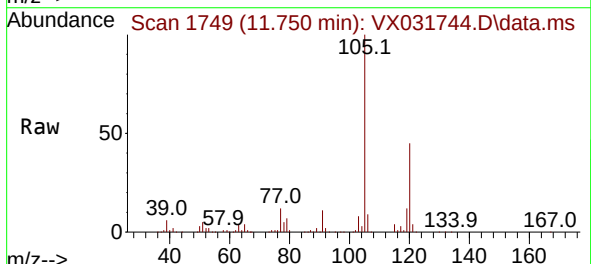
Tgt Ion:119 Resp: 103640
Ion Ratio Lower Upper
119 100
91 57.8 29.2 87.6
134 24.6 11.6 34.8

Manual Integrations
APPROVED

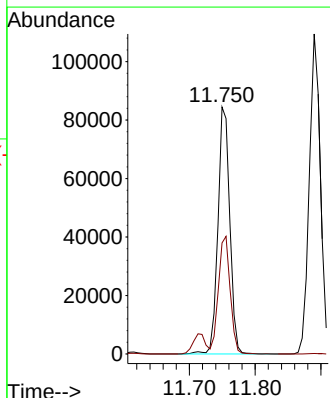
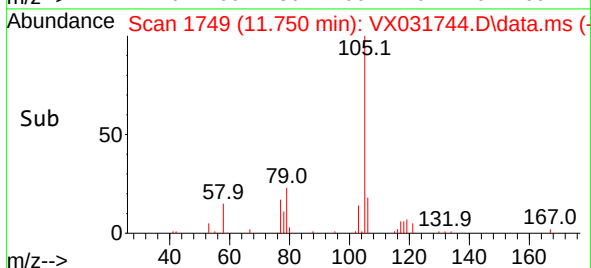
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

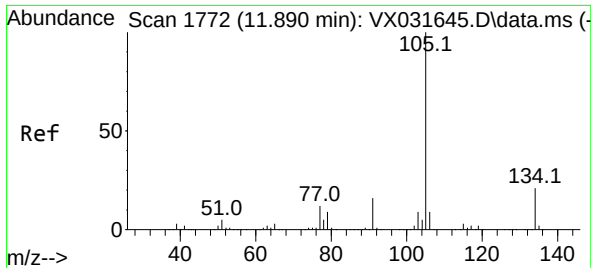


#84
1,2,4-Trimethylbenzene
Concen: 21.250 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



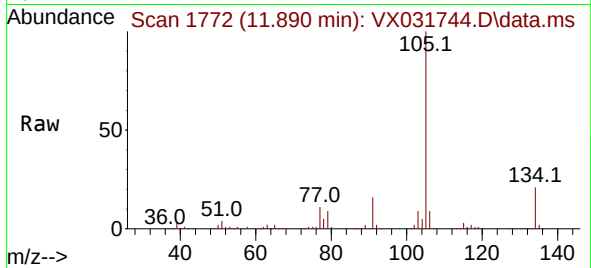
Tgt Ion:105 Resp: 105759
Ion Ratio Lower Upper
105 100
120 47.4 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.874 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031744.D
 Acq: 28 Sep 2022 23:03

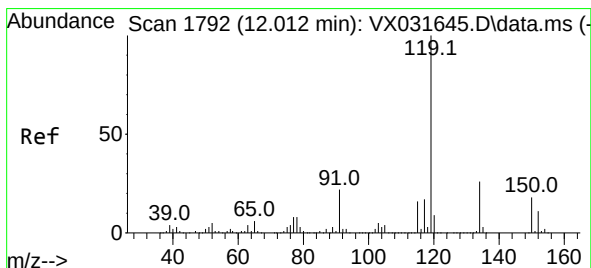
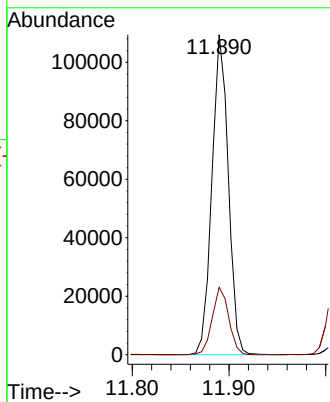
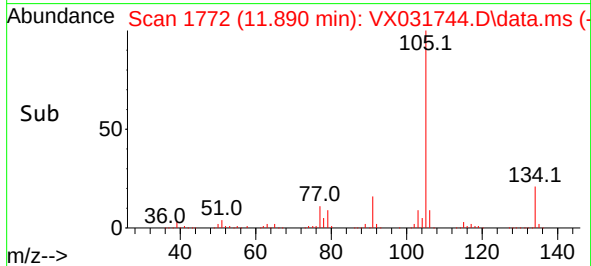
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD02



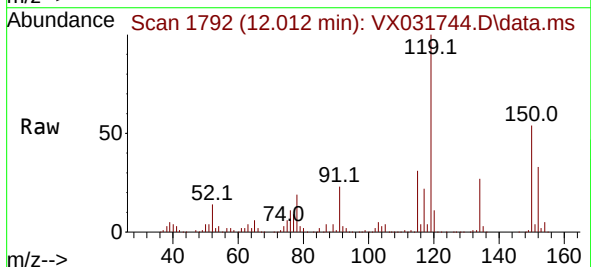
Tgt Ion:105 Resp: 128630
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

Manual Integrations
 APPROVED

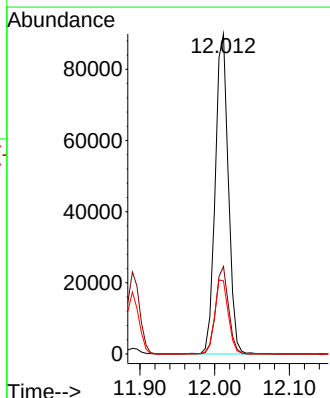
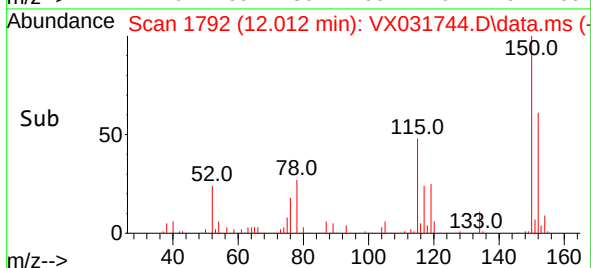
Reviewed By :John Carlone 09/29/2022
 Supervised By :Mahesh Dadoda 09/30/2022

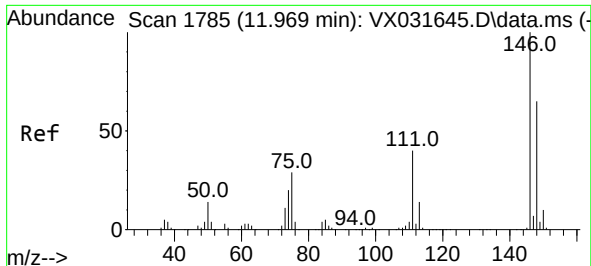


#86
 p-Isopropyltoluene
 Concen: 20.634 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031744.D
 Acq: 28 Sep 2022 23:03



Tgt Ion:119 Resp: 109650
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.355 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

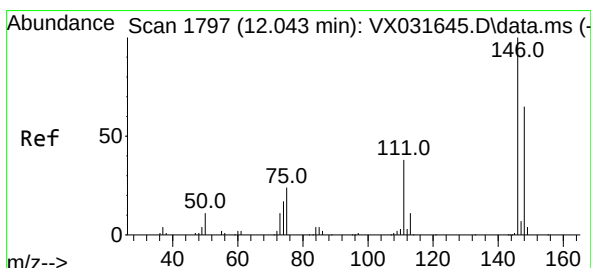
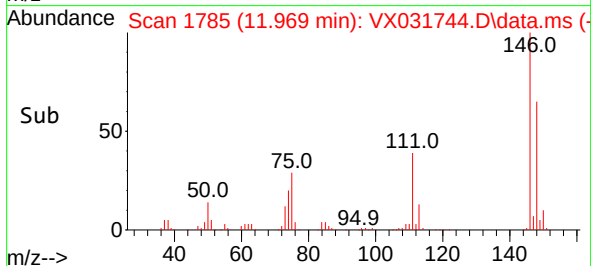
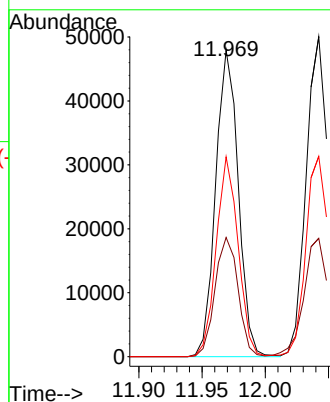
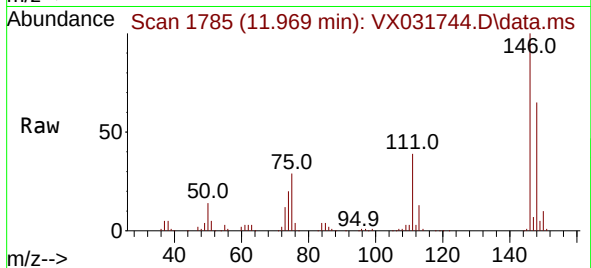
Tgt Ion:146	Resp:	5950
Ion Ratio	Lower	Upper
146	100	
111	39.7	19.8 59.4
148	63.4	31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#88

1,4-Dichlorobenzene

Concen: 20.341 ug/l

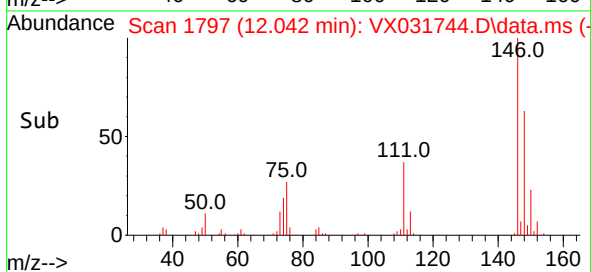
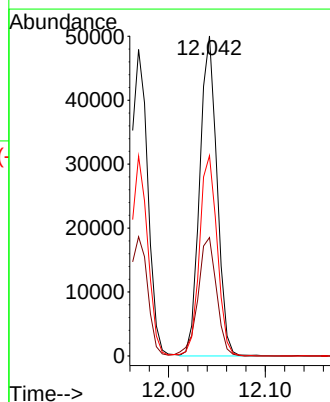
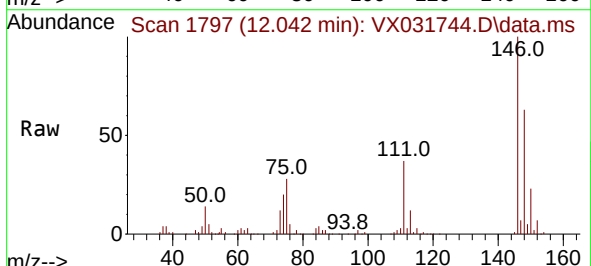
RT: 12.042 min Scan# 1797

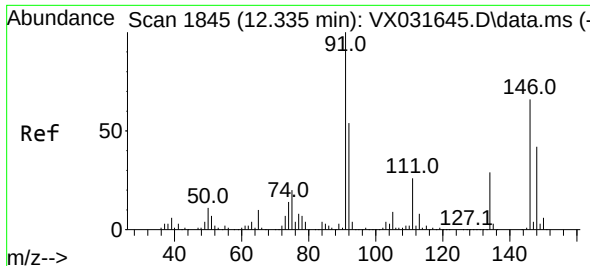
Delta R.T. -0.001 min

Lab File: VX031744.D

Acq: 28 Sep 2022 23:03

Tgt Ion:146	Resp:	62242
Ion Ratio	Lower	Upper
146	100	
111	39.9	20.5 61.5
148	64.1	32.0 96.2





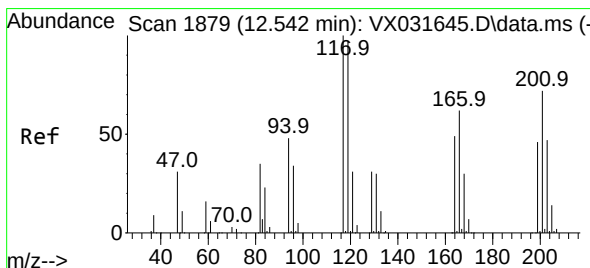
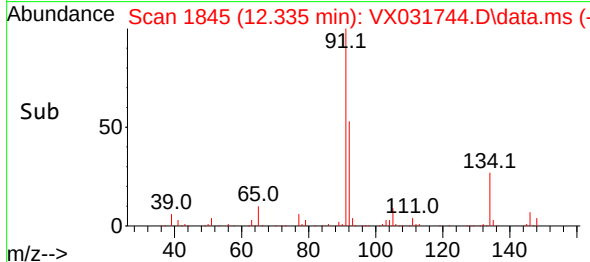
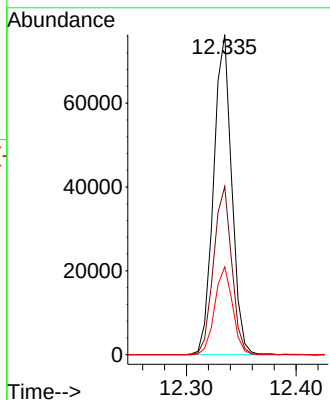
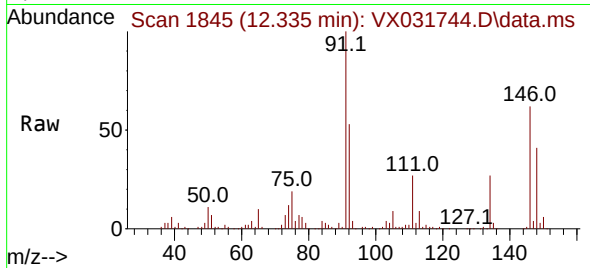
#89
n-Butylbenzene
Concen: 20.208 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 91 Resp: 8772
Ion Ratio Lower Upper
91 100
92 52.6 27.0 81.0
134 27.0 13.3 39.9

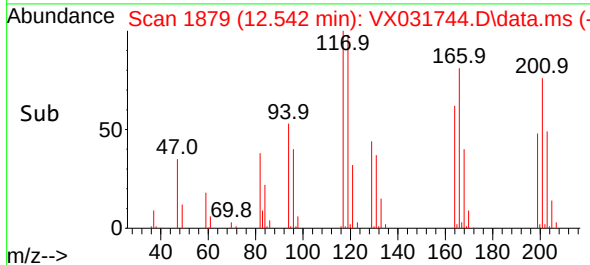
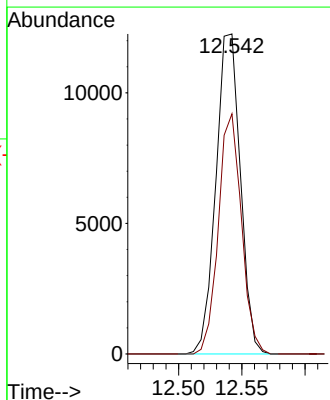
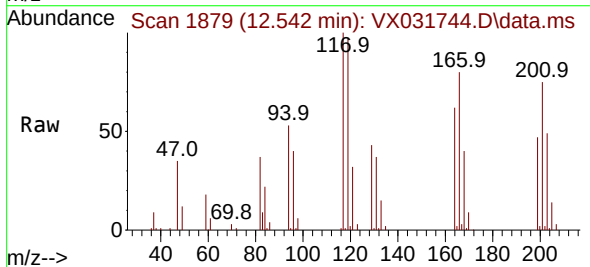
Manual Integrations
APPROVED

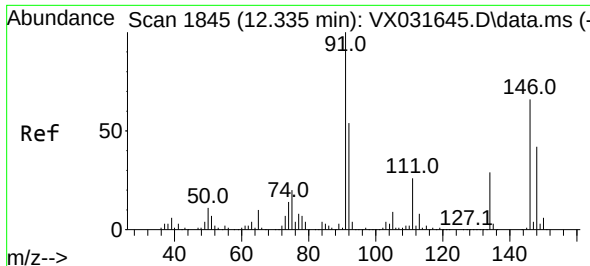
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#90
Hexachloroethane
Concen: 19.356 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

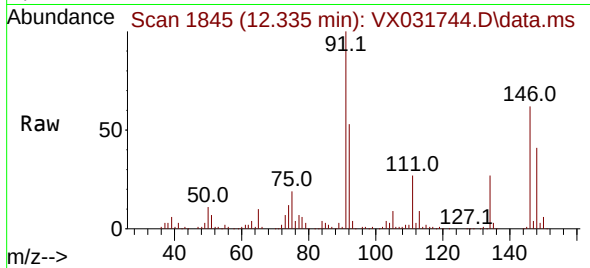
Tgt Ion:117 Resp: 16493
Ion Ratio Lower Upper
117 100
201 70.7 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 20.549 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

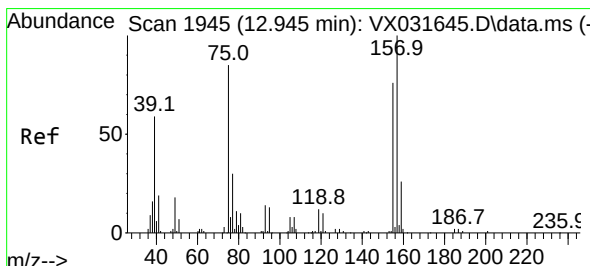
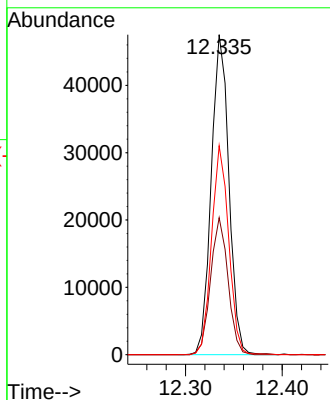
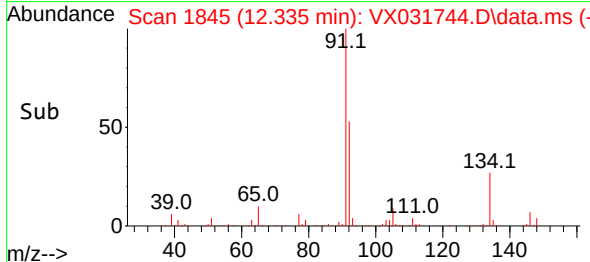
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



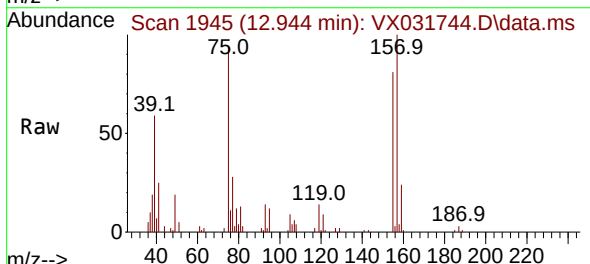
Tgt Ion:146 Resp: 6015
Ion Ratio Lower Upper
146 100
111 42.3 20.6 61.8
148 63.5 31.6 95.0

Manual Integrations
APPROVED

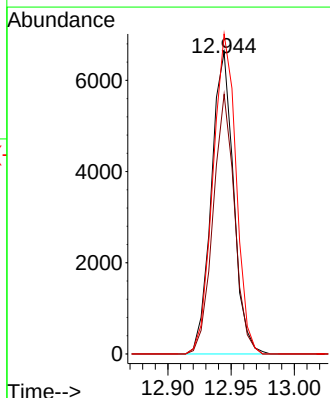
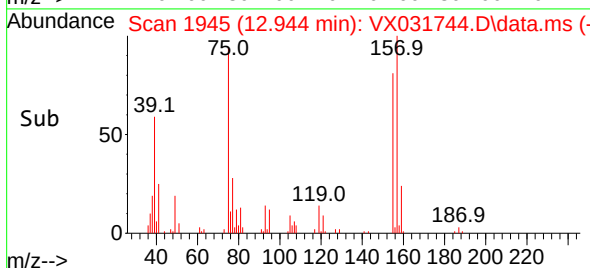
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

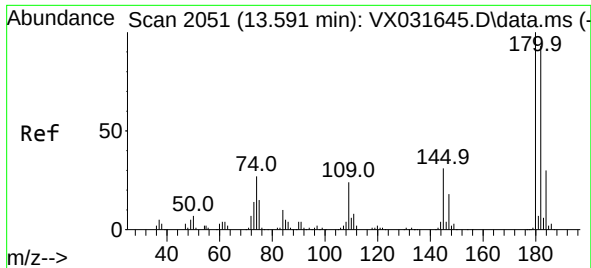


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.400 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



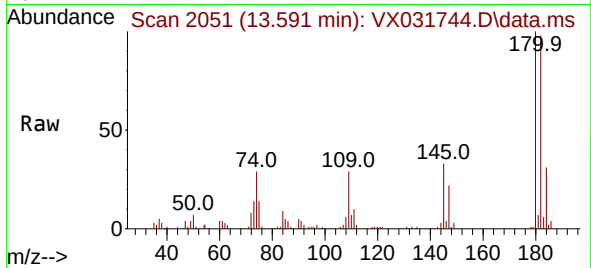
Tgt Ion: 75 Resp: 8082
Ion Ratio Lower Upper
75 100
155 83.0 40.3 120.8
157 110.5 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 20.102 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

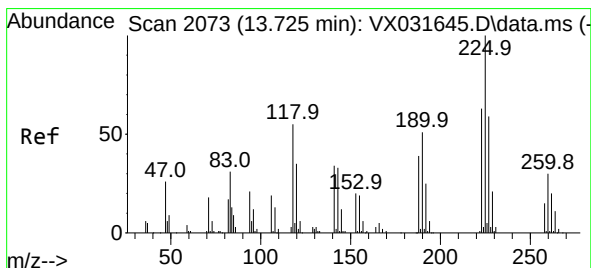
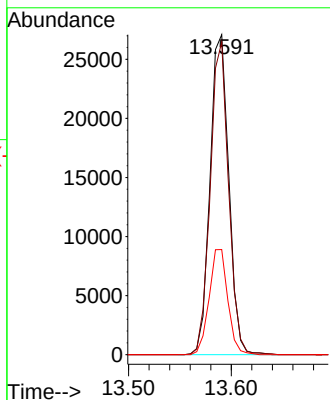
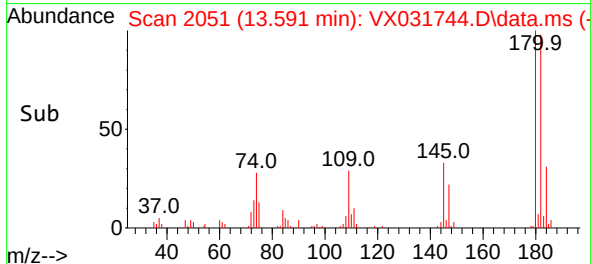
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



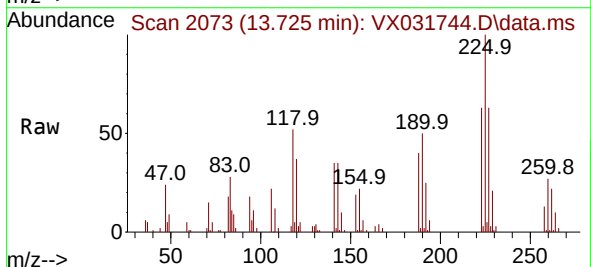
Tgt Ion:180 Resp: 3441
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.6
145 32.8 16.7 50.1

Manual Integrations
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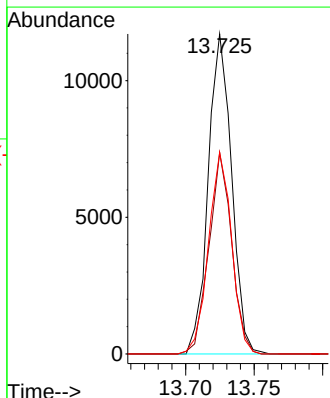
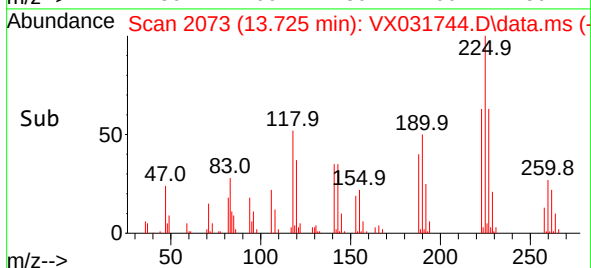
Reviewed By :John Carbone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

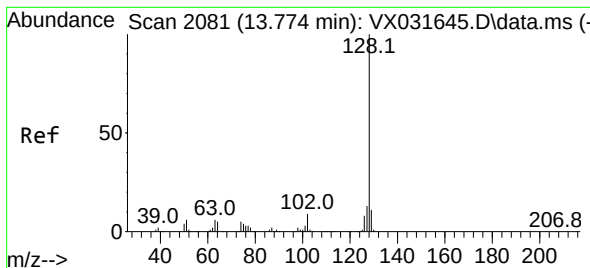


#94
Hexachlorobutadiene
Concen: 20.741 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03



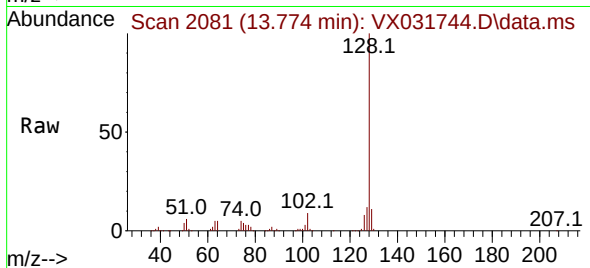
Tgt Ion:225 Resp: 13846
Ion Ratio Lower Upper
225 100
223 61.3 30.8 92.4
227 62.6 32.3 96.9





#95
Naphthalene
Concen: 22.057 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

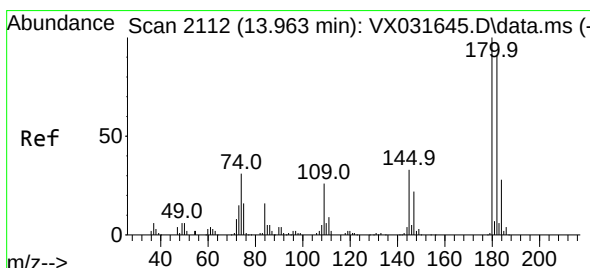
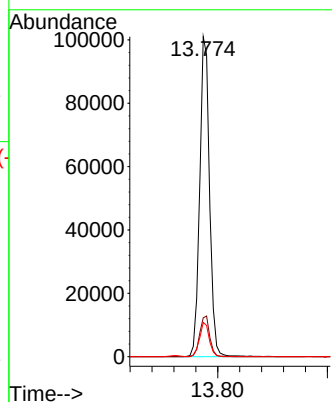
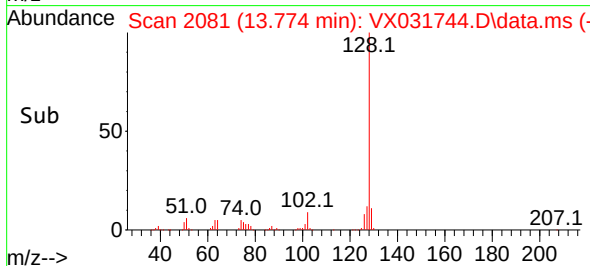
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:128 Resp: 126129
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.475 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031744.D
Acq: 28 Sep 2022 23:03

Tgt Ion:180 Resp: 35973
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.8
145 33.4 17.6 52.8

