

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035805.D
 Acq On : 23 May 2023 10:05
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 23 11:18:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	35476	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	211249	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	182792	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	88961	26.767	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	89.233%#	
60) 4-Bromofluorobenzene	11.079	95	92255	25.901	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	86.333%	
63) Toluene-d8	8.647	98	248450	37.742	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	125.800%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	109943	37.015	ug/l	100
3) Chloromethane	1.294	50	117054	30.187	ug/l	94
4) Vinyl Chloride	1.374	62	112739	29.536	ug/l	98
5) Bromomethane	1.618	94	70289	27.805	ug/l	97
6) Chloroethane	1.691	64	68494	27.464	ug/l	100
7) Trichlorofluoromethane	1.886	101	173664	28.832	ug/l	98
8) Diethyl Ether	2.130	74	66292	29.704	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	103675	33.810	ug/l	99
10) 1,1-Dichloroethene	2.319	96	98064	31.021	ug/l	97
11) Methyl Iodide	2.453	142	118490	29.389	ug/l	96
12) Methyl Acetate	2.709	43	259691	35.736	ug/l	99
13) Acrolein	2.239	56	92123	115.714	ug/l	99
14) Acrylonitrile	3.069	53	325935	165.675	ug/l	98
15) Acetone	2.398	58	95384	175.274	ug/l	100
16) Carbon Disulfide	2.514	76	216846	27.147	ug/l	98
17) Allyl chloride	2.666	41	194840	31.544	ug/l	98
18) Methylene Chloride	2.788	84	120471	31.968	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	106541	30.430	ug/l	98
20) Diisopropyl ether	3.757	45	403122	31.743	ug/l	97
21) 1,1-Dichloroethane	3.611	63	214574	31.659	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	130283	31.878	ug/l	98
23) tert-Butyl Alcohol	3.032	59	122777	140.916	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	369665	31.028	ug/l	99
25) Chloroform	5.093	83	218389	31.548	ug/l	99
26) Cyclohexane	5.471	56	181336	31.390	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	158192	35.427	ug/l	99
30) 2-Butanone	4.568	43	479393	187.325	ug/l	100
31) 2,2-Dichloropropane	4.471	77	166595	36.463	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	182414	34.819	ug/l	99
33) Carbon Tetrachloride	5.678	117	147904	34.362	ug/l	95
34) Benzene	6.038	78	468278	35.651	ug/l	99
35) Methacrylonitrile	4.916	41	102716	36.783	ug/l	97
36) 1,2-Dichloroethane	6.086	62	180436	34.816	ug/l	99
37) Trichloroethene	7.123	130	119973	35.800	ug/l	97
38) Methylcyclohexane	7.379	83	191791	40.389	ug/l	99
39) 1,2-Dichloropropane	7.428	63	124027	36.087	ug/l	97
40) Dibromomethane	7.580	93	84545	35.913	ug/l	97
41) Bromodichloromethane	7.824	83	157755	35.604	ug/l	98
42) Vinyl Acetate	3.721	43	1421421	174.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	181156	36.922	ug/l	99
44) Isopropyl Acetate	6.342	43	297131	35.807	ug/l	98
45) 1,4-Dioxane	7.732	88	58950	717.001	ug/l #	83
46) Methyl methacrylate	7.690	41	143000	35.302	ug/l	97
47) n-amyl Acetate	10.842	43	258484	35.852	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	174372	36.002	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	193917	36.427	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	120257	36.336	ug/l	97
51) Ethyl methacrylate	9.116	69	187058	35.249	ug/l	99
52) 1,3-Dichloropropane	9.305	76	208511	35.793	ug/l	99
53) Dibromochloromethane	9.519	129	113871	35.101	ug/l	100
54) 1,2-Dibromoethane	9.610	107	125278	35.474	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	501156	178.469	ug/l	99
56) Bromoform	10.799	173	75687	33.939	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	930413	229.746	ug/l	100
59) 2-Hexanone	9.433	43	707723	230.979	ug/l	100
61) Tetrachloroethene	9.275	164	95675	41.048	ug/l	95
62) Toluene	8.720	91	499410	43.587	ug/l	99
64) Chlorobenzene	10.079	112	313671	44.147	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	110145	43.660	ug/l	98
66) Ethyl Benzene	10.195	91	567873	44.559	ug/l	99
67) m/p-Xylenes	10.299	106	425632	87.334	ug/l	97
68) o-Xylene	10.640	106	209211	43.369	ug/l	99
69) Styrene	10.653	104	349824	43.886	ug/l	100
70) Isopropylbenzene	10.963	105	558870	44.960	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	189901	45.903	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	158739m	42.844	ug/l	
73) Bromobenzene	11.195	156	130773	43.604	ug/l	97
74) n-propylbenzene	11.305	91	669342	46.080	ug/l	100
75) 2-Chlorotoluene	11.366	91	395387	43.608	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	467354	44.529	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	50709	44.131	ug/l	96
78) 4-Chlorotoluene	11.451	91	452504	43.394	ug/l	99
79) tert-butylbenzene	11.713	119	459814	45.925	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	473907	45.227	ug/l	97
81) sec-Butylbenzene	11.890	105	592590	48.746	ug/l	99
82) p-Isopropyltoluene	12.006	119	493524	48.028	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	248492	43.816	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	250855	43.934	ug/l	99
85) n-Butylbenzene	12.329	91	450743	50.979	ug/l	100
86) Hexachloroethane	12.536	117	76511	45.558	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	246195	44.256	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	37349	41.687	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	153610	46.205	ug/l	98
90) Hexachlorobutadiene	13.725	225	61712	49.629	ug/l	99
91) Naphthalene	13.774	128	523917	44.867	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	149636	45.231	ug/l	99

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

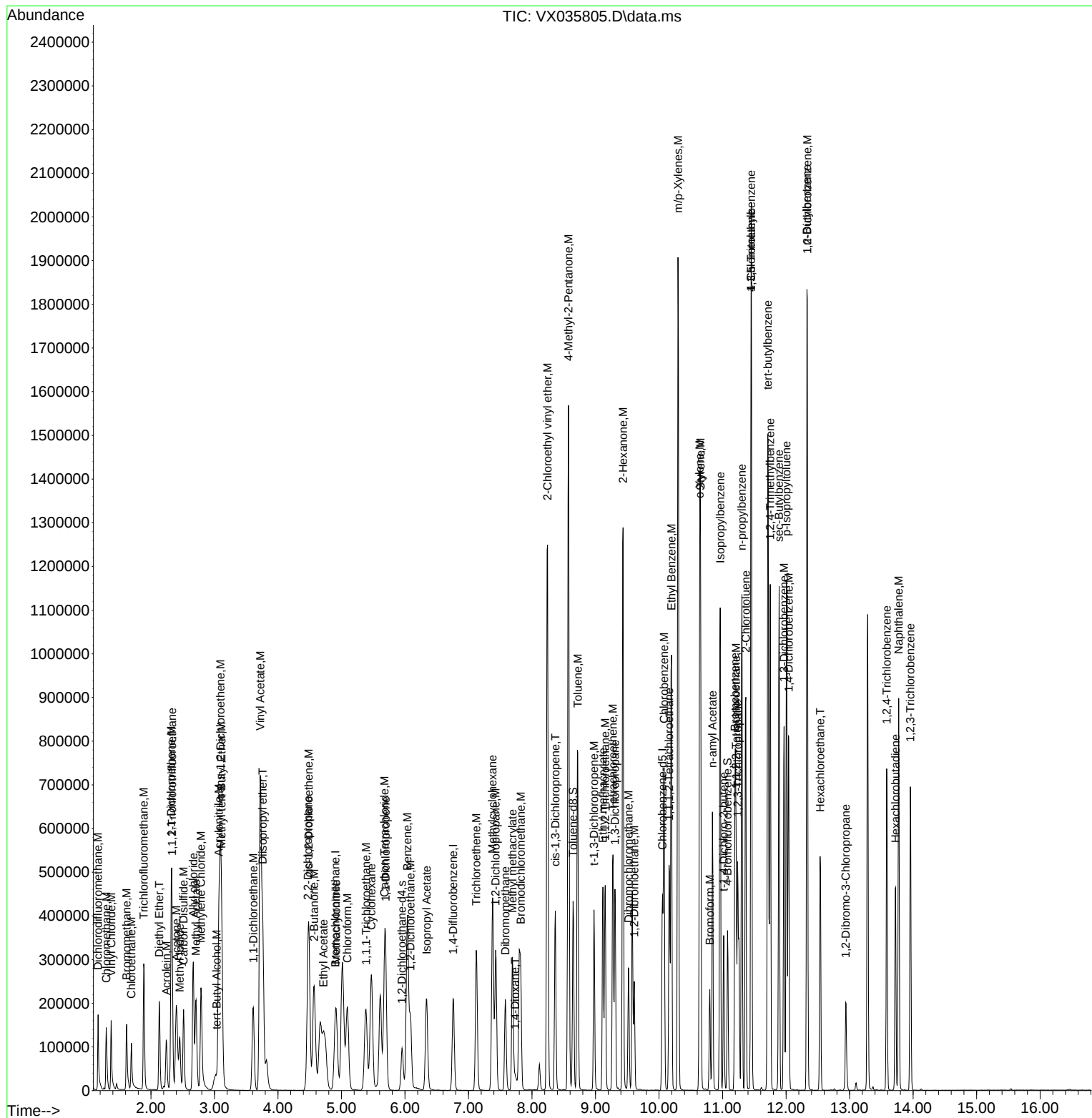
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ALS Vial : 2 Sample Multiplier: 1

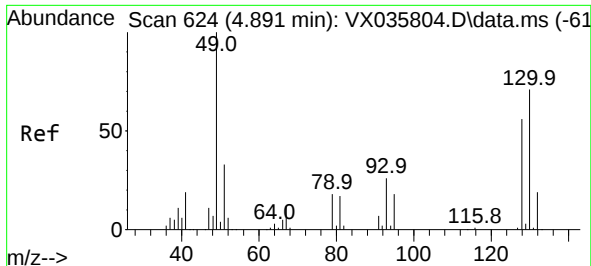
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

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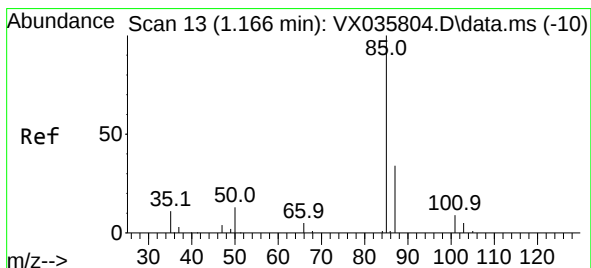
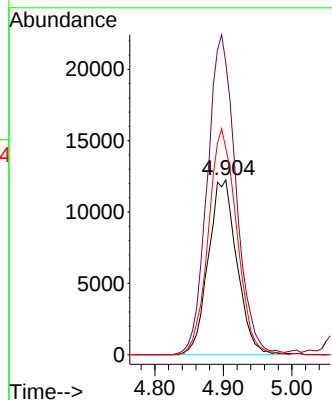
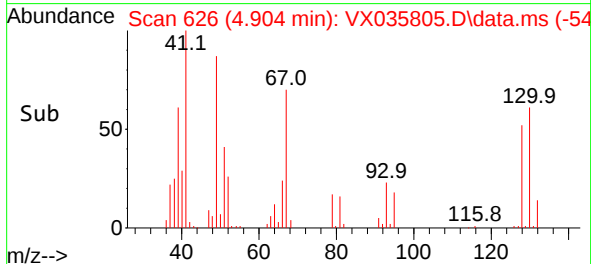
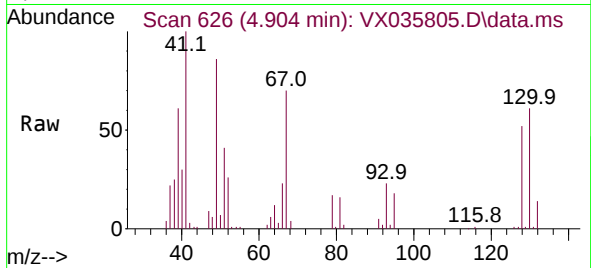
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 35470
Ion Ratio Lower Upper
128 100
49 182.9 0.0 428.8
130 128.1 0.0 310.8

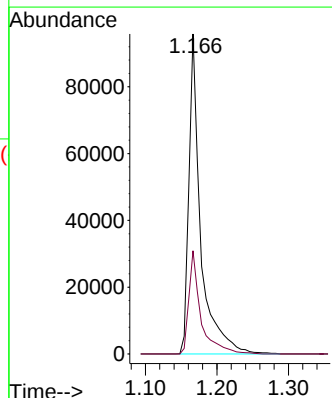
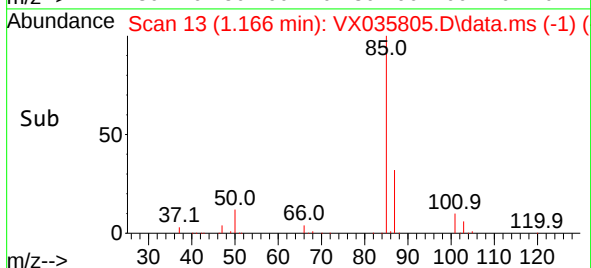
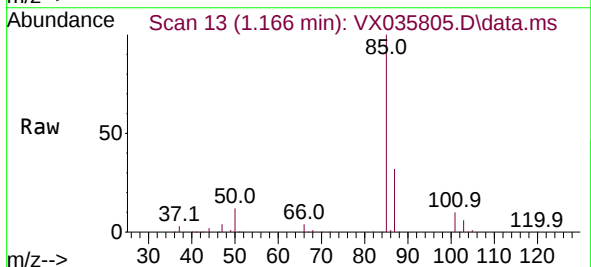
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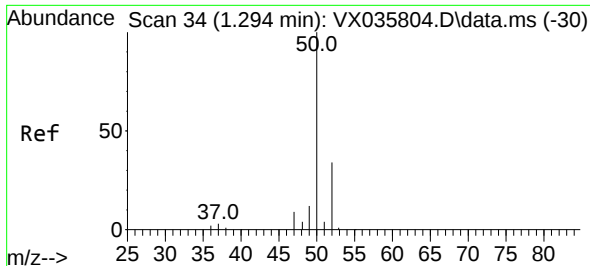
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 37.015 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

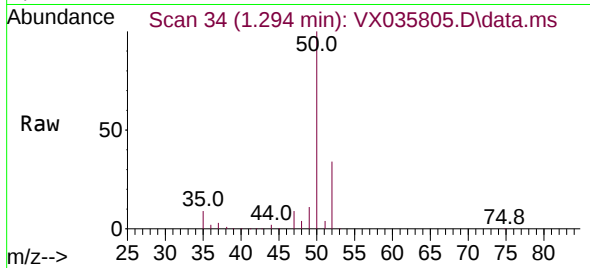
Tgt Ion: 85 Resp: 109943
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0





#3
Chloromethane
Concen: 30.187 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

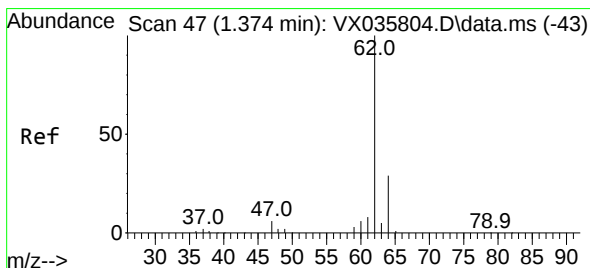
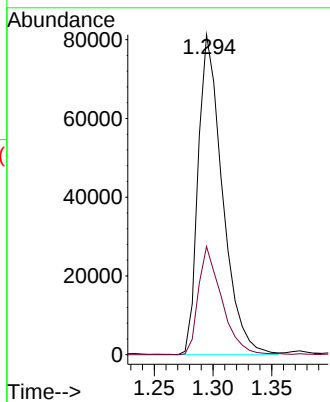
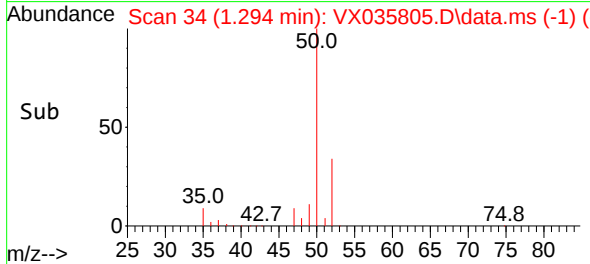
Instrument :
MSVOA_X
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VSTDICC050



Tgt Ion: 50 Resp: 117054
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

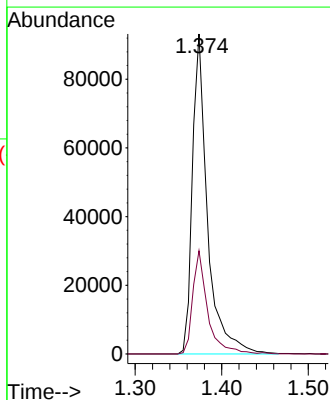
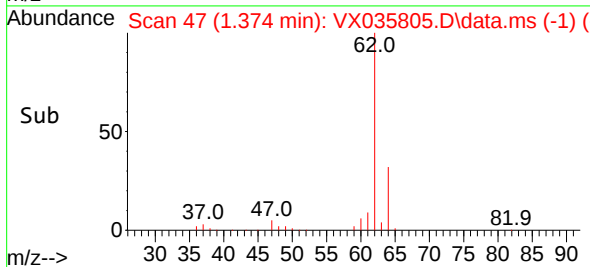
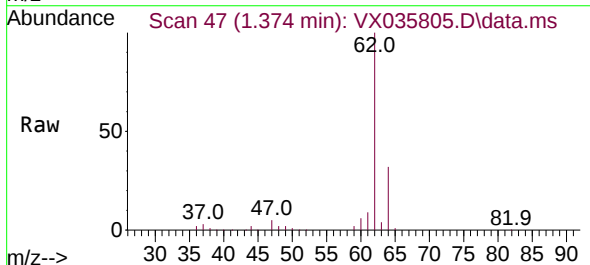
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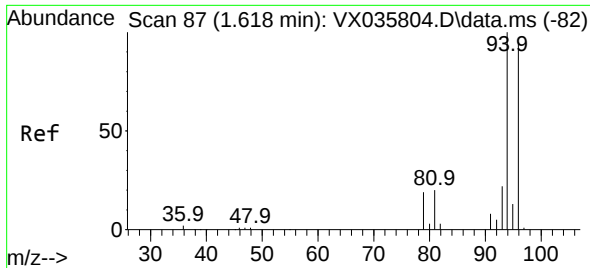
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 29.536 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 62 Resp: 112739
Ion Ratio Lower Upper
62 100
64 32.2 26.9 40.3





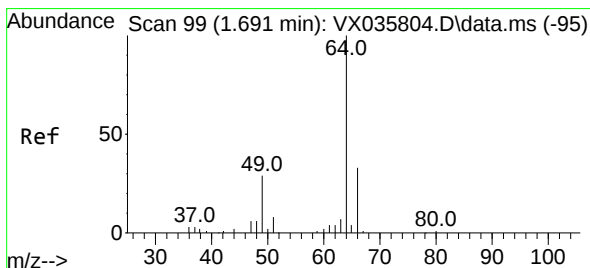
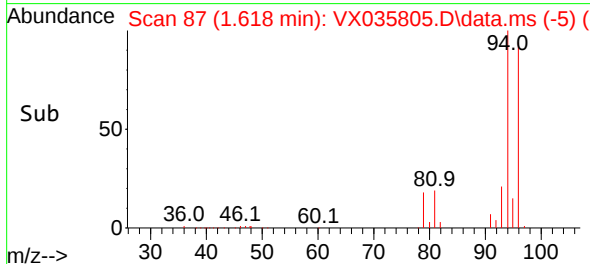
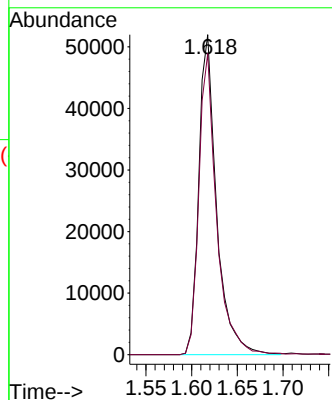
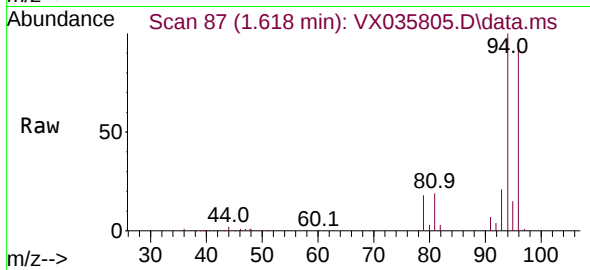
#5
Bromomethane
Concen: 27.805 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 70289
Ion Ratio Lower Upper
94 100
96 94.1 73.4 110.0

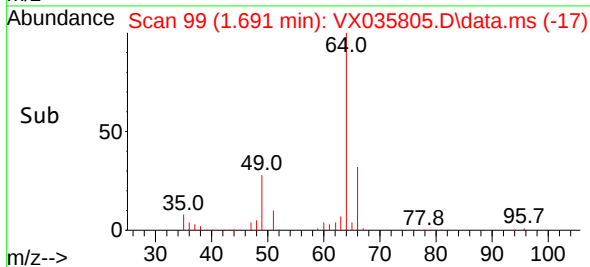
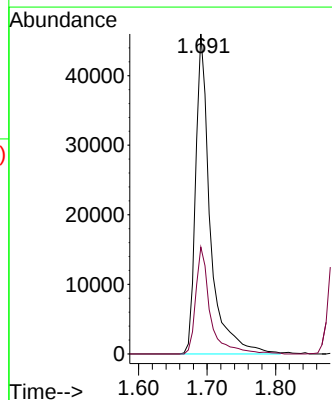
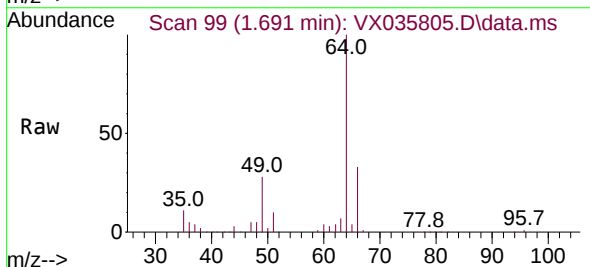
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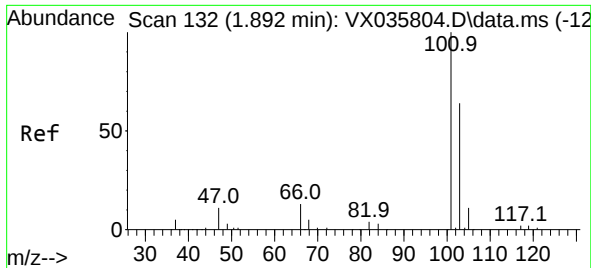
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 27.464 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

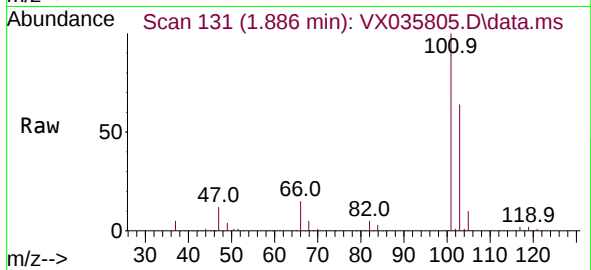
Tgt Ion: 64 Resp: 68494
Ion Ratio Lower Upper
64 100
66 33.4 26.6 40.0





#7
Trichlorofluoromethane
Concen: 28.832 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX035805.D
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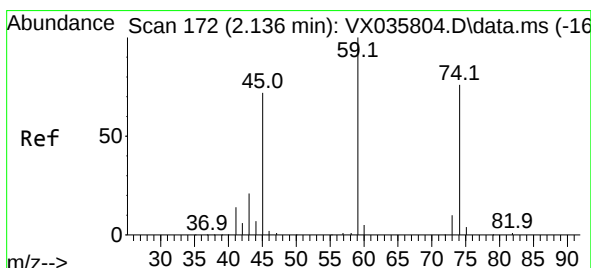
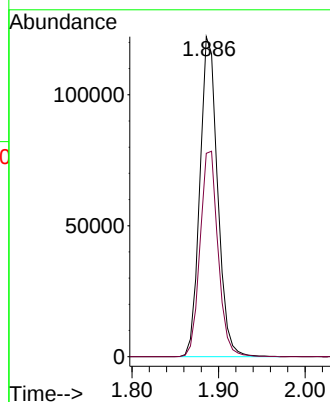
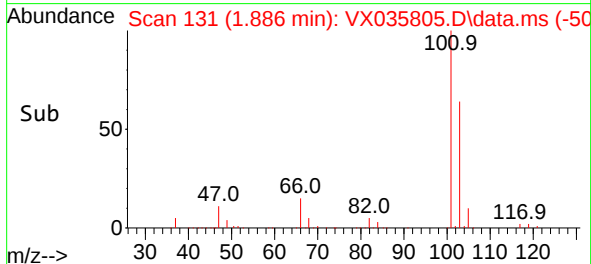
Instrument :
MSVOA_X
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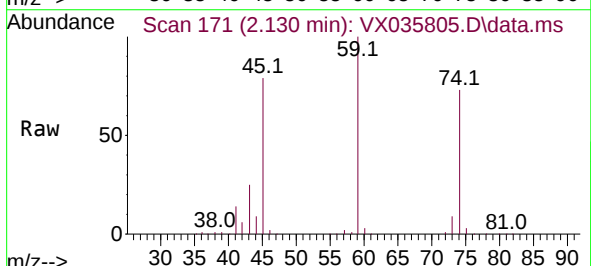
Tgt Ion:101 Resp: 173664
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1

Manual Integrations
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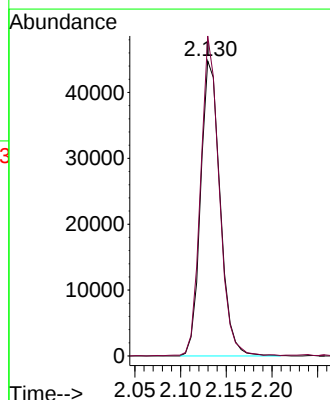
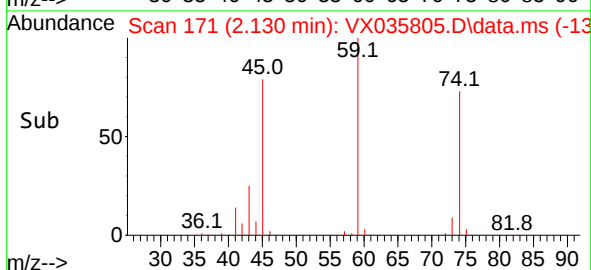
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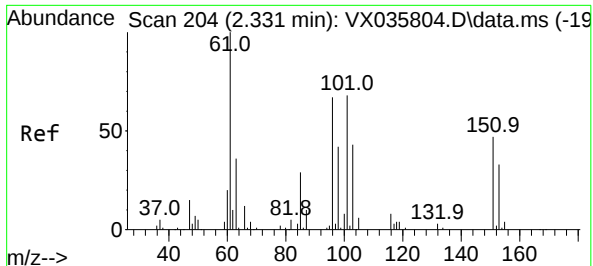


#8
Diethyl Ether
Concen: 29.704 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035805.D
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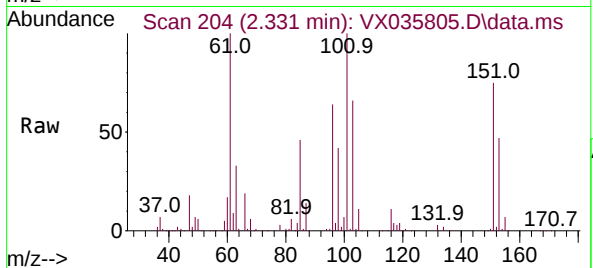
Tgt Ion: 74 Resp: 66292
Ion Ratio Lower Upper
74 100
45 103.0 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.810 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035805.D
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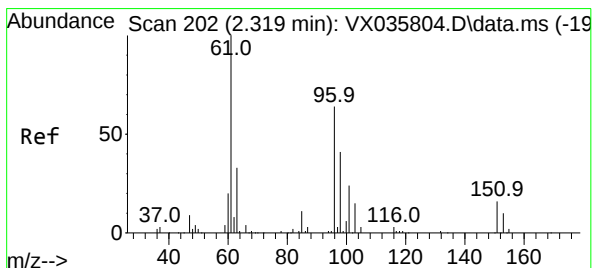
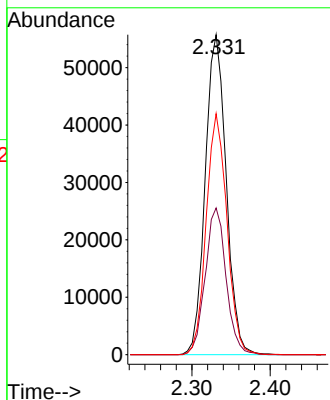
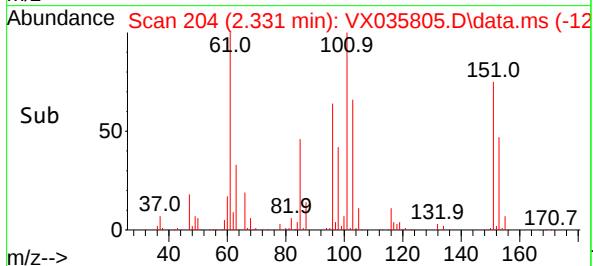
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:101 Resp: 103679
Ion Ratio Lower Upper
101 100
85 45.6 0.0 88.8
151 74.4 0.0 147.6

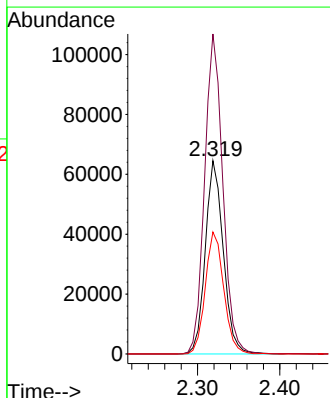
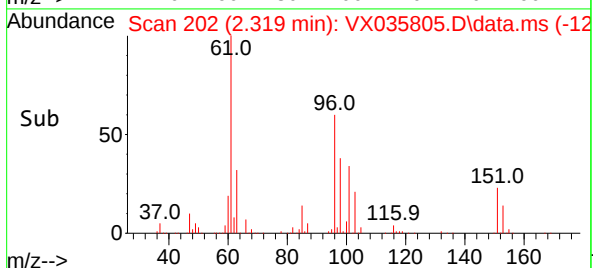
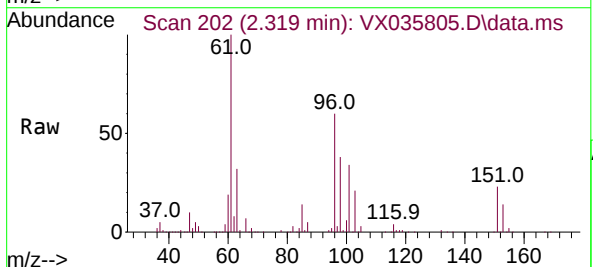
Manual Integrations
APPROVED

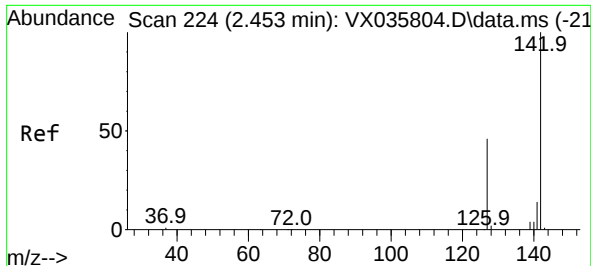
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 31.021 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

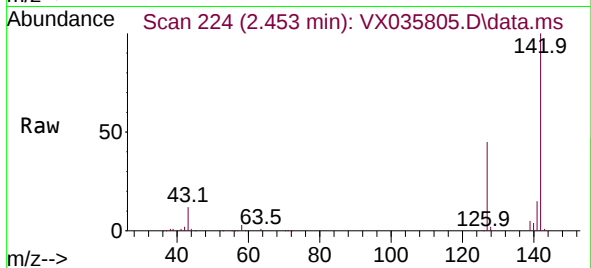
Tgt Ion: 96 Resp: 98064
Ion Ratio Lower Upper
96 100
61 165.6 135.8 203.6
98 63.1 49.8 74.6





#11
Methyl Iodide
Concen: 29.389 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

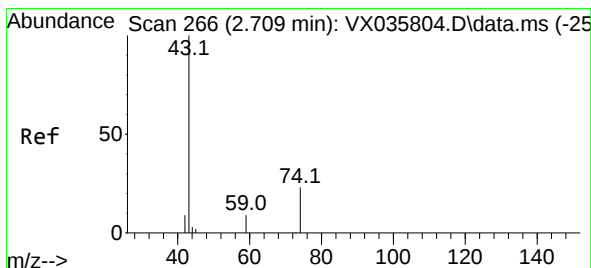
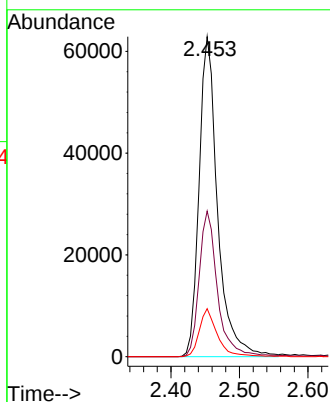
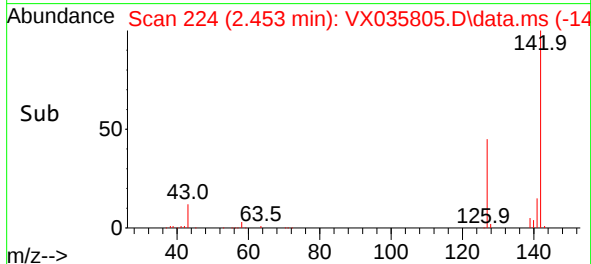
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



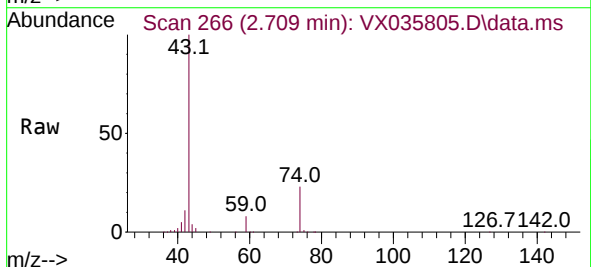
Tgt Ion:142 Resp: 118490
Ion Ratio Lower Upper
142 100
127 45.4 24.5 73.5
141 15.0 7.6 22.8

Manual Integrations
APPROVED

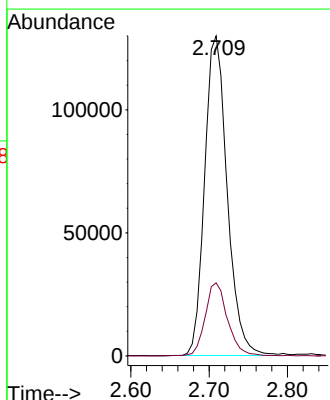
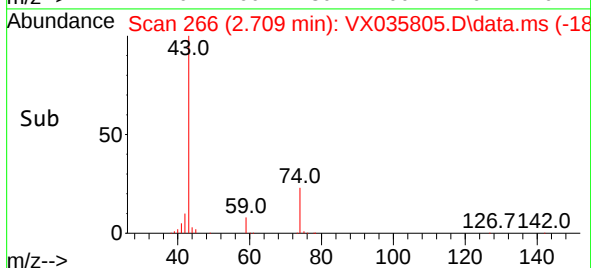
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

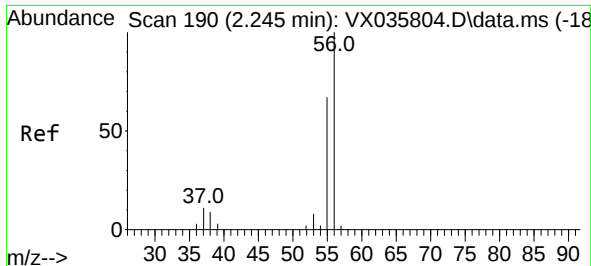


#12
Methyl Acetate
Concen: 35.736 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



Tgt Ion: 43 Resp: 259691
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0





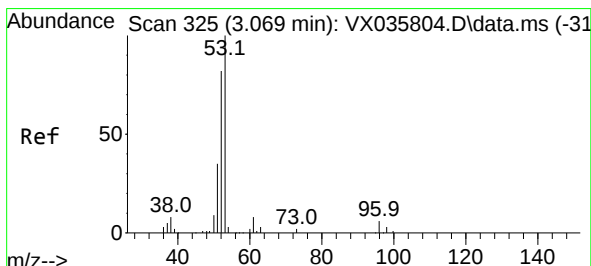
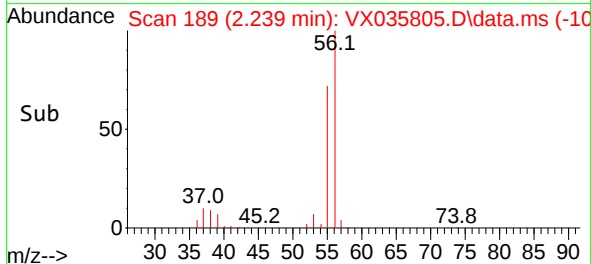
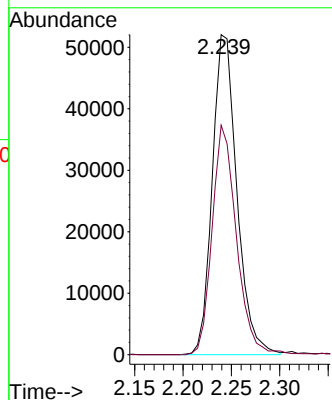
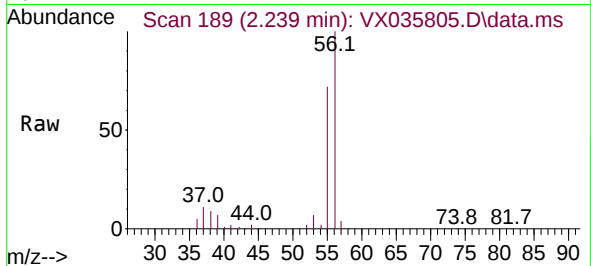
#13
Acrolein
Concen: 115.714 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 56 Resp: 9212
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

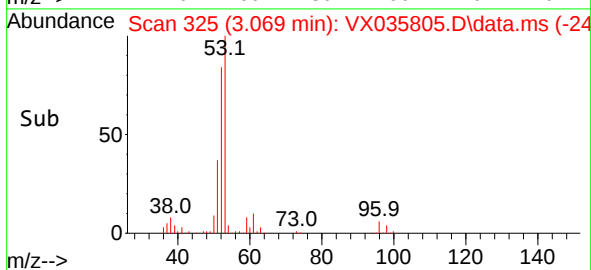
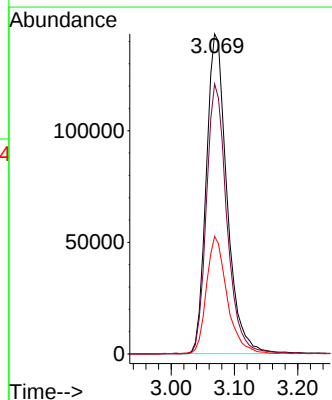
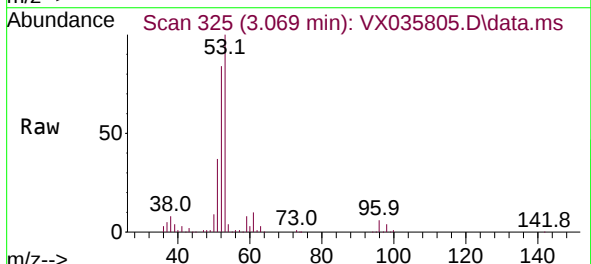
Manual Integrations
APPROVED

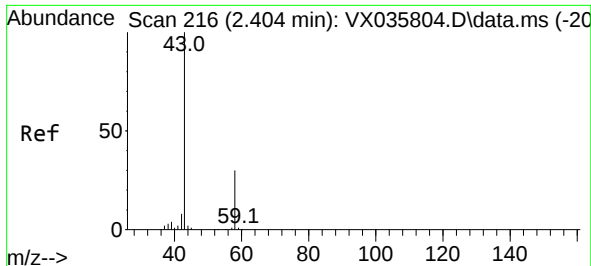
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Acrylonitrile
Concen: 165.675 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

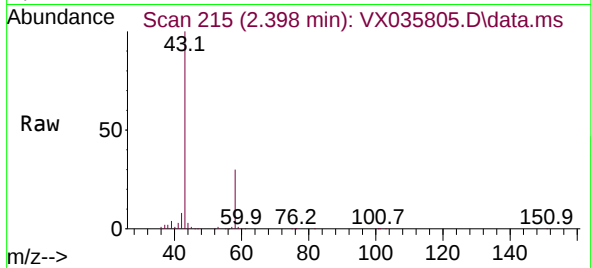
Tgt Ion: 53 Resp: 325935
Ion Ratio Lower Upper
53 100
52 83.8 41.3 123.7
51 36.9 17.9 53.7





#15
Acetone
Concen: 175.274 ug/l
RT: 2.398 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

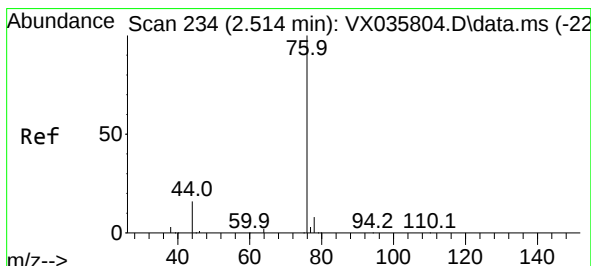
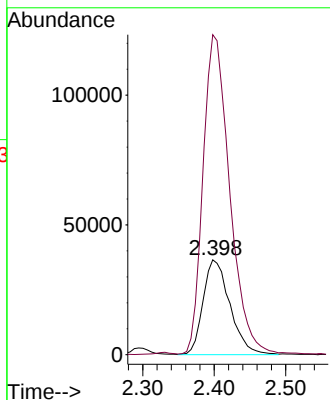
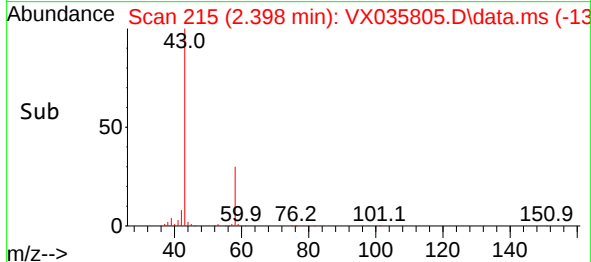
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 58 Resp: 95384
Ion Ratio Lower Upper
58 100
43 337.6 270.8 406.2

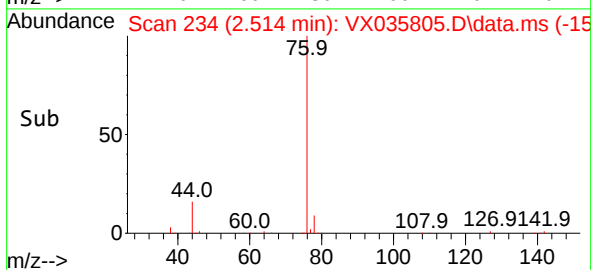
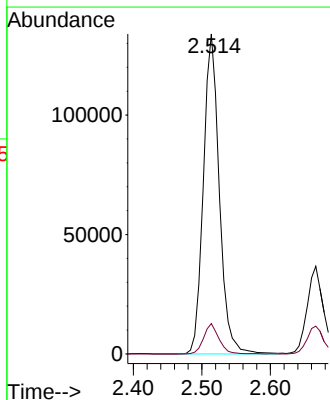
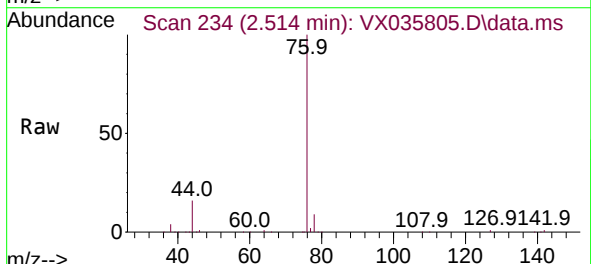
Manual Integrations
APPROVED

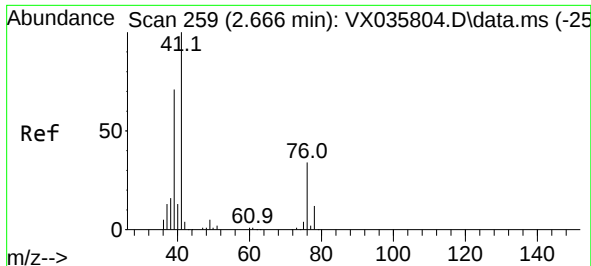
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Carbon Disulfide
Concen: 27.147 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 76 Resp: 216846
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6





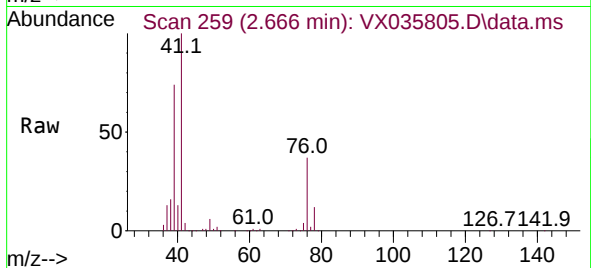
#17
 Allyl chloride
 Concen: 31.544 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX035805.D
 Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

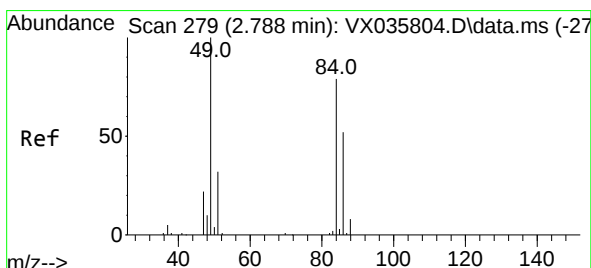
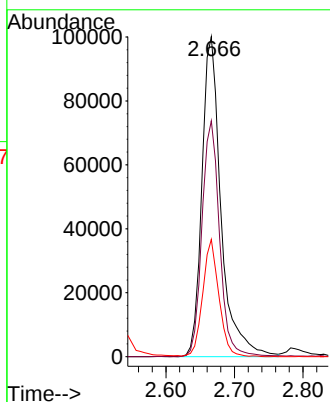
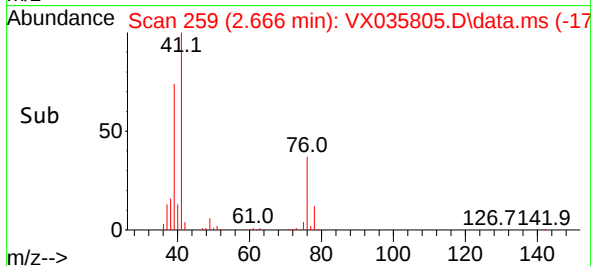


Tgt Ion: 41 Resp: 194840
 Ion Ratio Lower Upper
 41 100
 39 73.7 36.4 109.3
 76 36.6 17.0 51.0

Manual Integrations

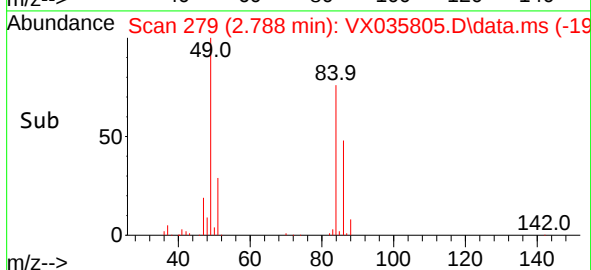
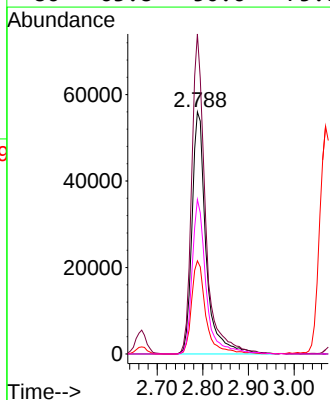
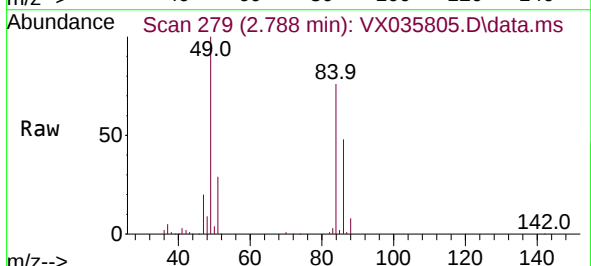
APPROVED

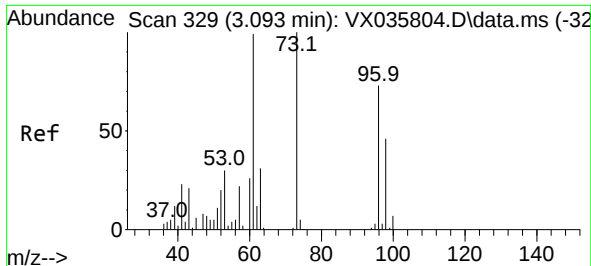
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#18
 Methylene Chloride
 Concen: 31.968 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX035805.D
 Acq: 23 May 2023 10:05

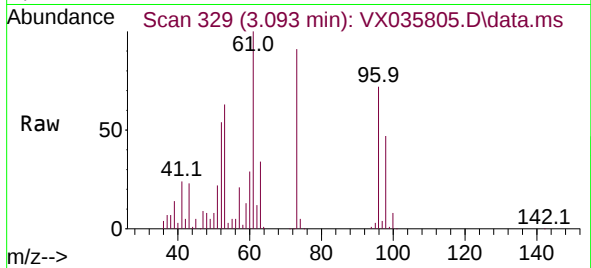
Tgt Ion: 84 Resp: 120471
 Ion Ratio Lower Upper
 84 100
 49 132.1 103.9 155.9
 51 38.5 30.6 45.8
 86 63.8 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 30.430 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

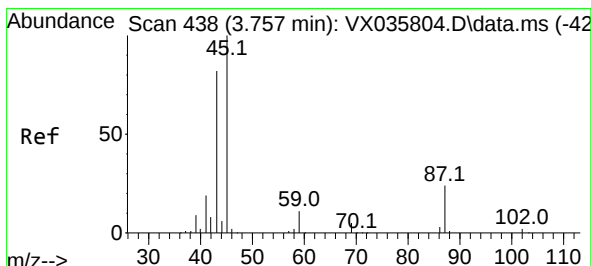
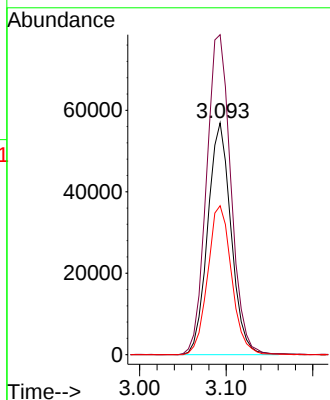
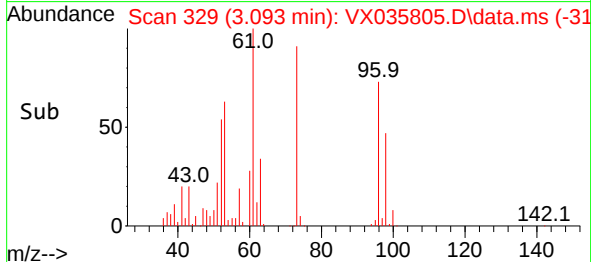
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



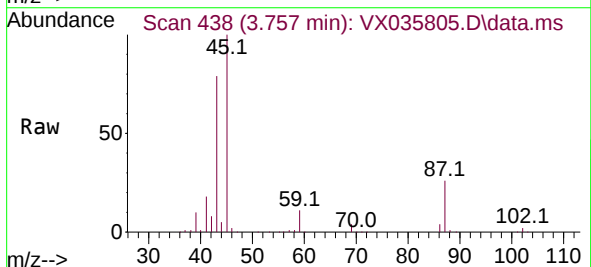
Tgt Ion: 96 Resp: 10654
Ion Ratio Lower Upper
96 100
61 138.0 111.1 166.7
98 64.3 48.6 72.8

Manual Integrations
APPROVED

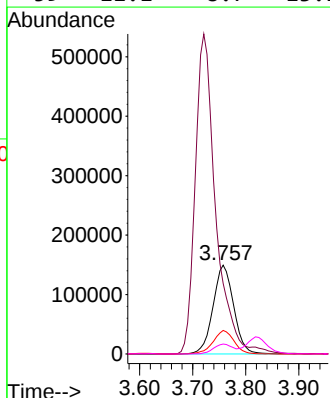
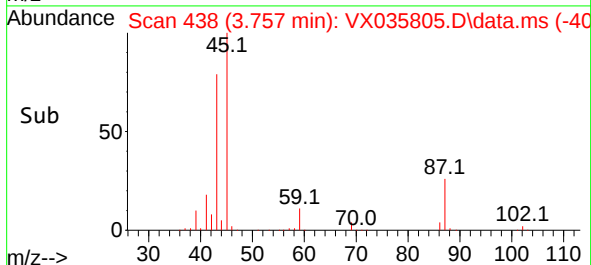
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

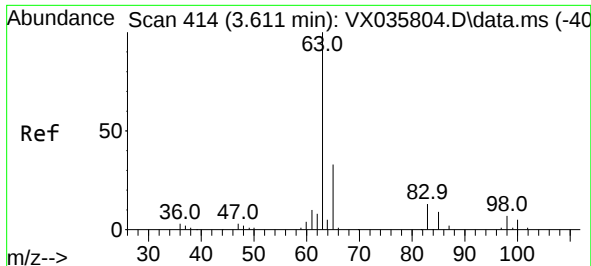


#20
Diisopropyl ether
Concen: 31.743 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



Tgt Ion: 45 Resp: 403122
Ion Ratio Lower Upper
45 100
43 78.8 66.0 99.0
87 26.5 21.8 32.6
59 11.1 8.7 13.1





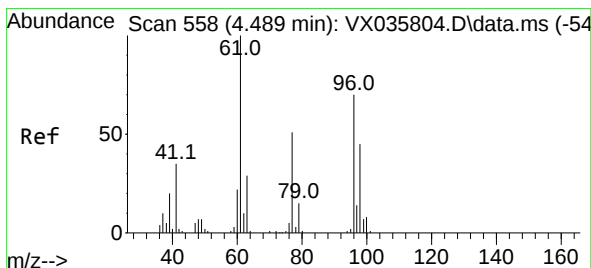
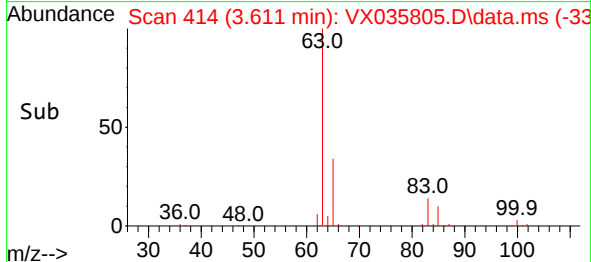
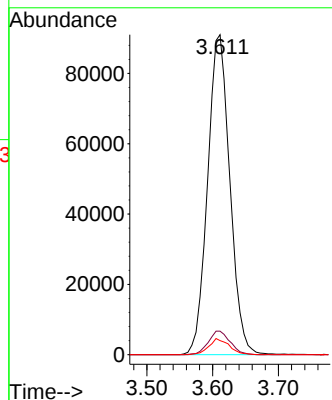
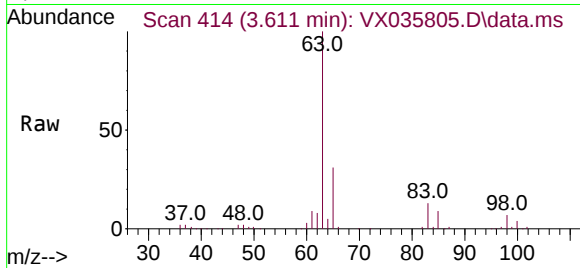
#21
1,1-Dichloroethane
Concen: 31.659 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 214574
Ion Ratio Lower Upper
63 100
98 7.3 3.5 10.6
100 4.4 2.2 6.6

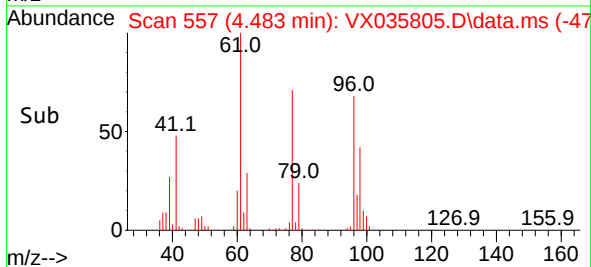
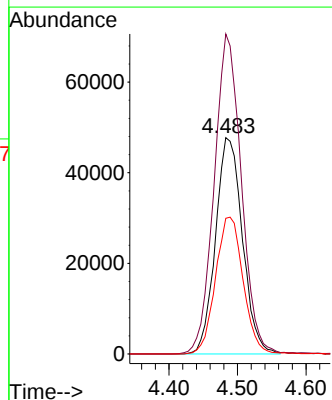
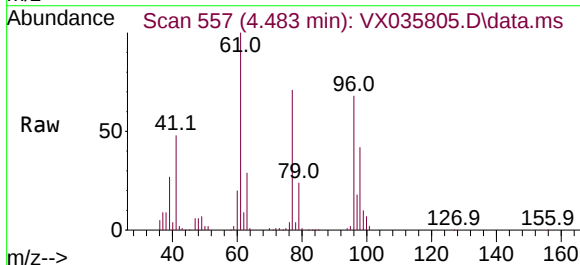
Manual Integrations
APPROVED

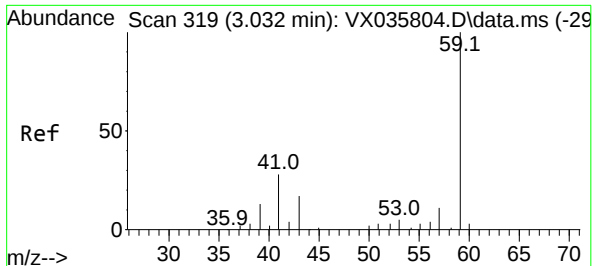
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
cis-1,2-Dichloroethene
Concen: 31.878 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

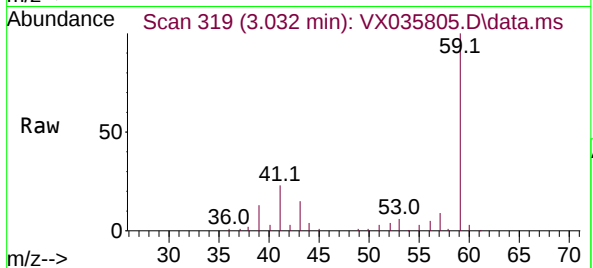
Tgt Ion: 96 Resp: 130283
Ion Ratio Lower Upper
96 100
61 148.9 121.7 182.5
98 64.9 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 140.916 ug/l
RT: 3.032 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

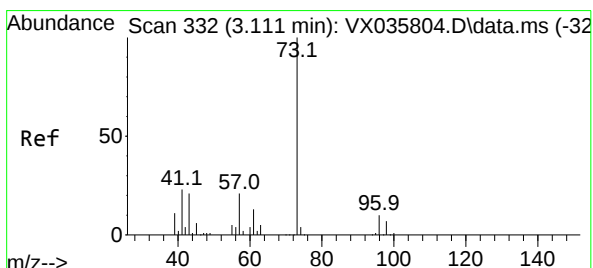
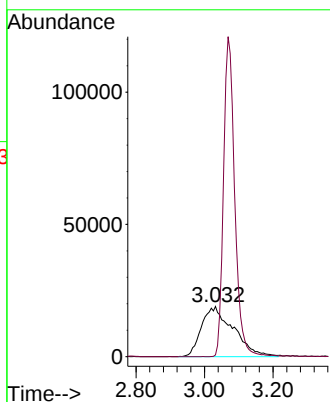
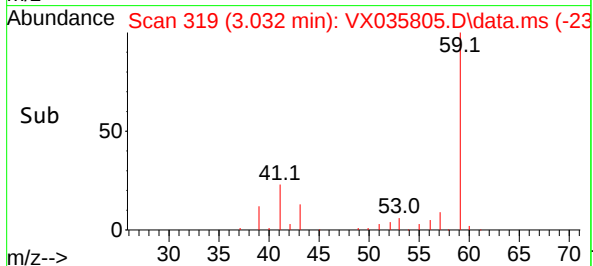
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 122777
Ion Ratio Lower Upper
59 100
52 222.4 0.2 0.4

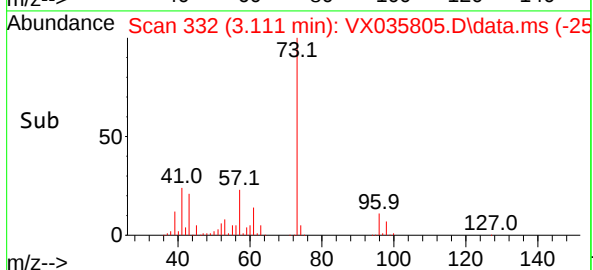
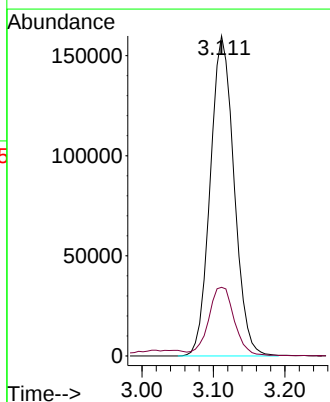
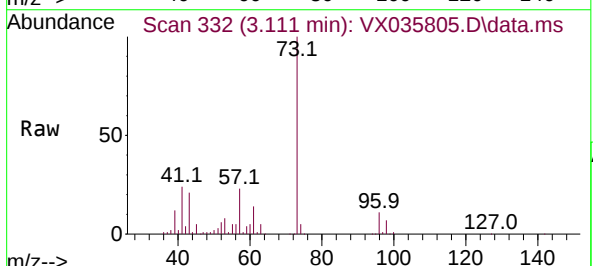
Manual Integrations
APPROVED

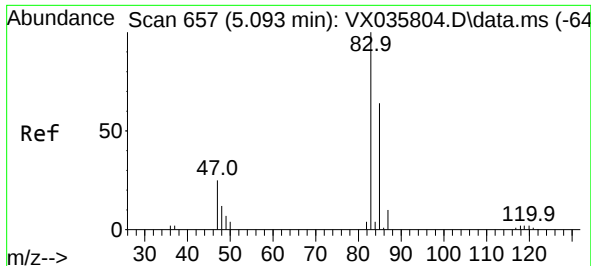
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#24
Methyl tert-Butyl Ether
Concen: 31.028 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 73 Resp: 369665
Ion Ratio Lower Upper
73 100
43 22.8 17.9 26.9





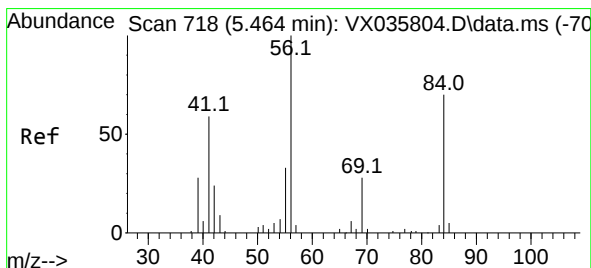
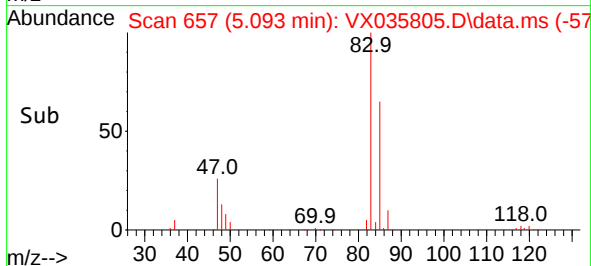
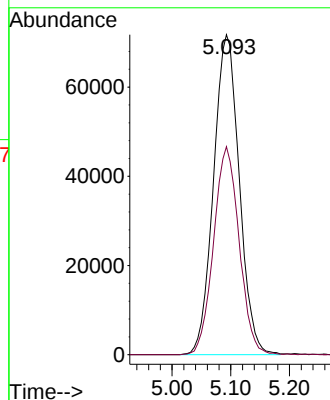
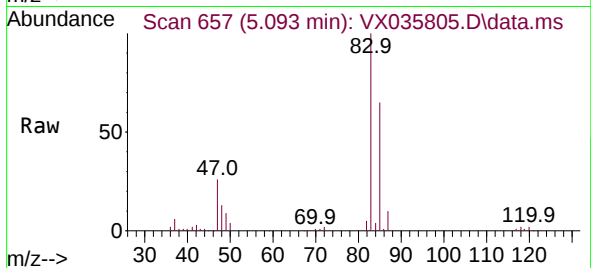
#25
Chloroform
Concen: 31.548 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 218389
Ion Ratio Lower Upper
83 100
85 65.0 51.2 76.8

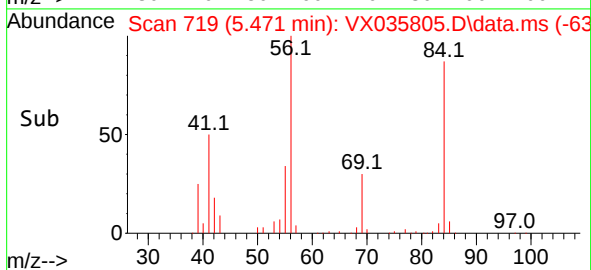
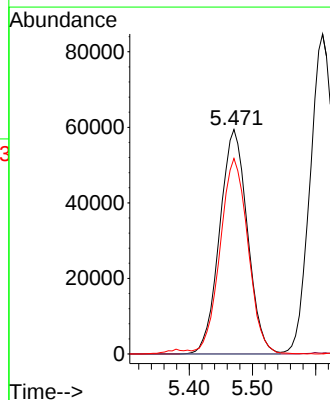
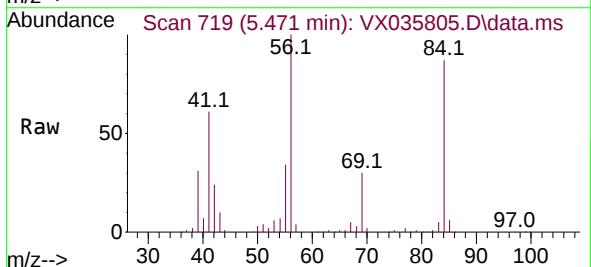
Manual Integrations
APPROVED

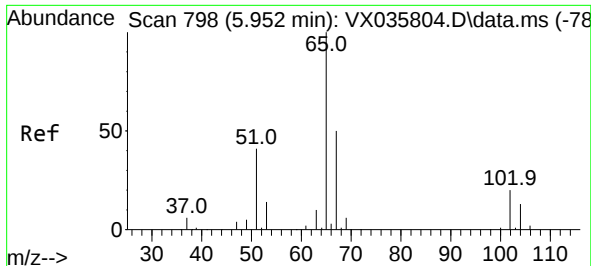
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
Cyclohexane
Concen: 31.390 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 56 Resp: 181336
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.5 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 26.767 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 8896

Ion Ratio Lower Upper

65 100

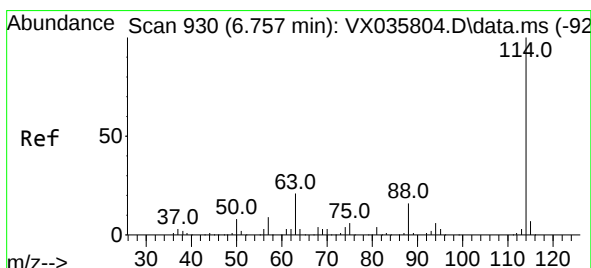
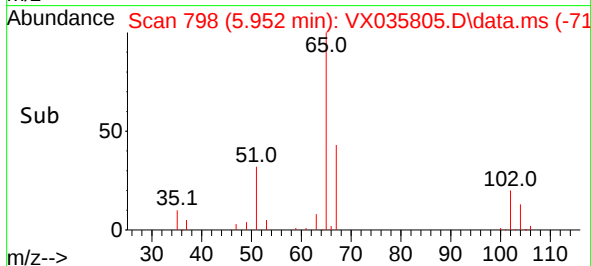
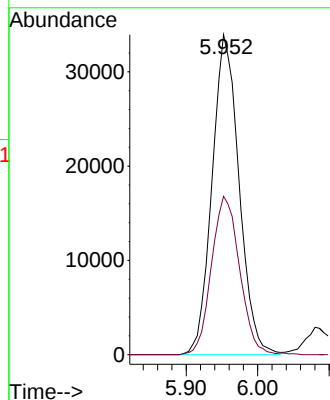
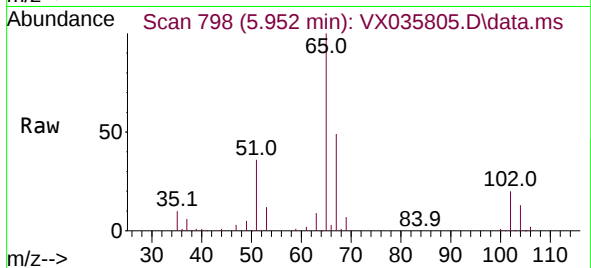
67 51.4 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

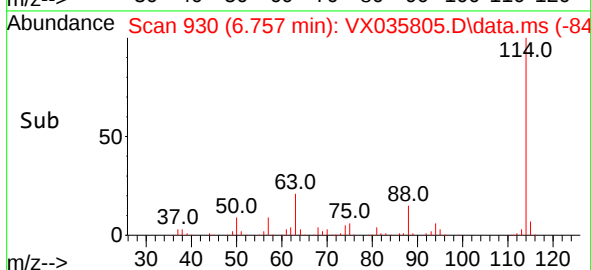
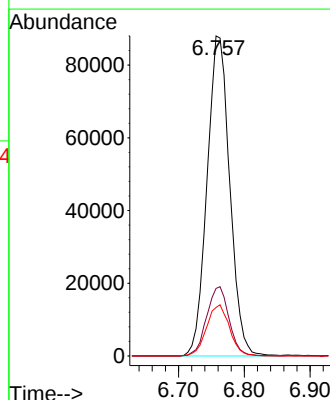
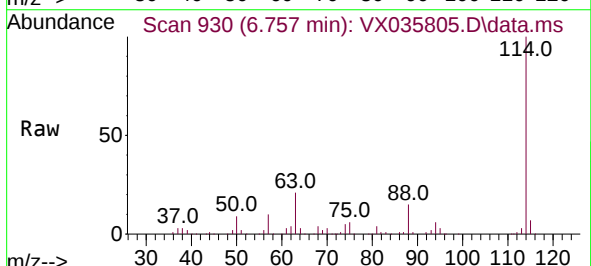
Tgt Ion:114 Resp: 211249

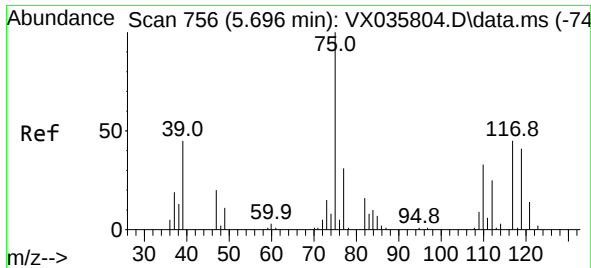
Ion Ratio Lower Upper

114 100

63 21.4 18.0 27.0

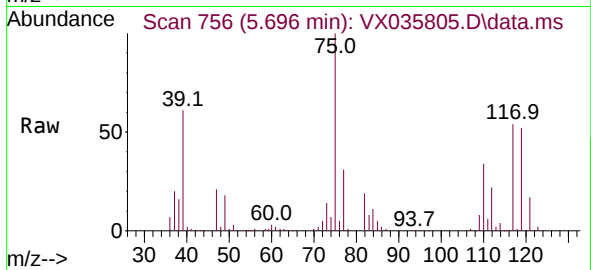
88 16.2 13.3 19.9





#29
1,1-Dichloropropene
Concen: 35.427 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

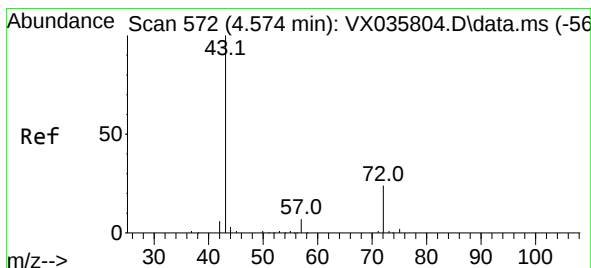
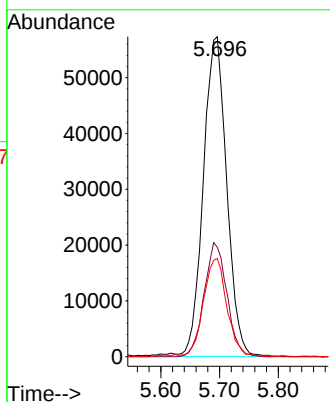
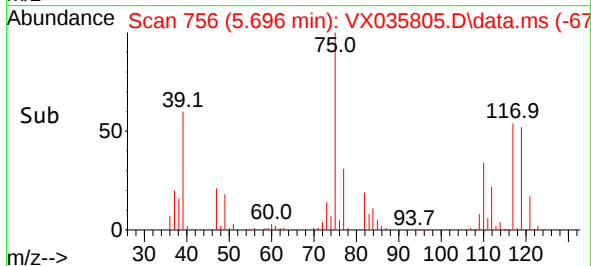
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 158192
Ion Ratio Lower Upper
75 100
110 34.7 0.0 71.4
77 30.7 0.0 61.6

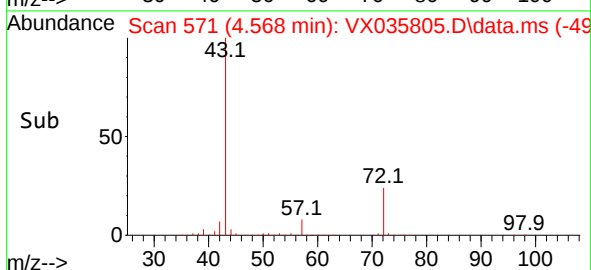
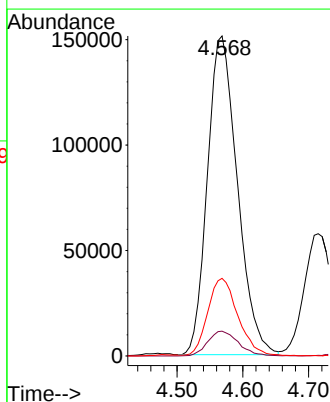
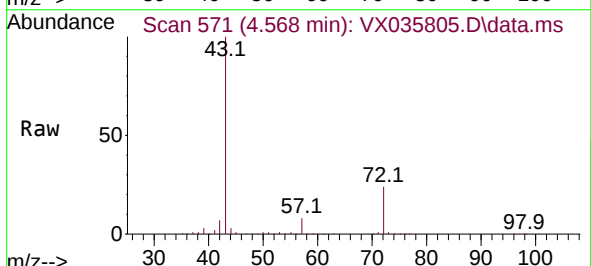
Manual Integrations
APPROVED

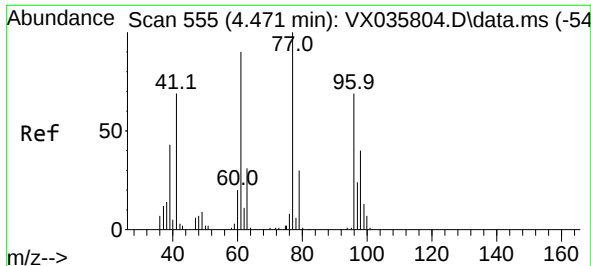
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#30
2-Butanone
Concen: 187.325 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 43 Resp: 479393
Ion Ratio Lower Upper
43 100
57 8.0 6.3 9.5
72 24.5 19.6 29.4





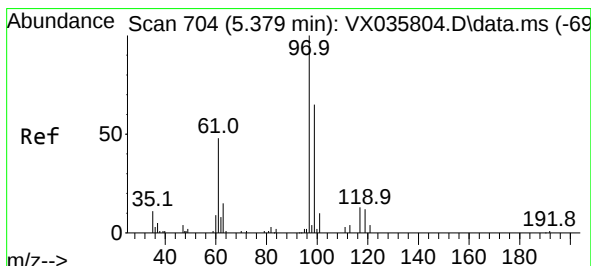
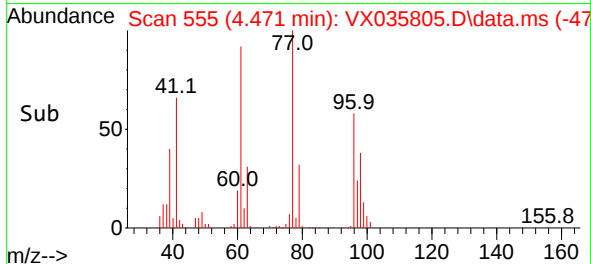
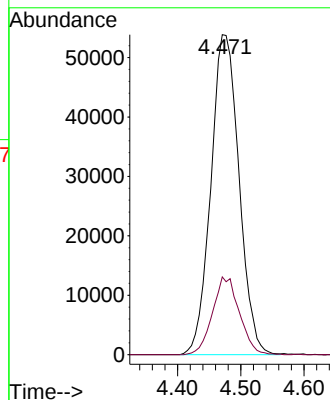
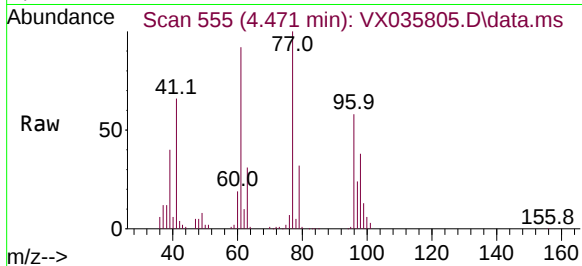
#31
2,2-Dichloropropane
Concen: 36.463 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 16659
Ion Ratio Lower Upper
77 100
97 23.2 18.2 27.4

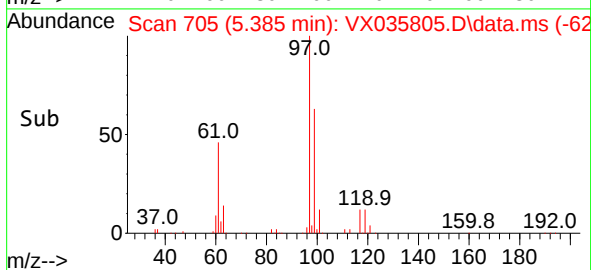
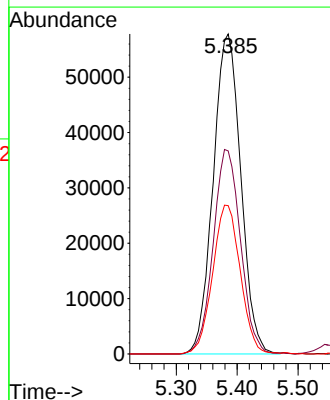
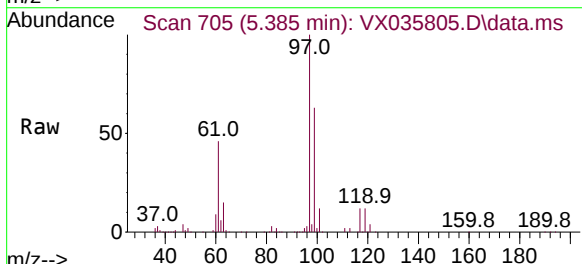
Manual Integrations
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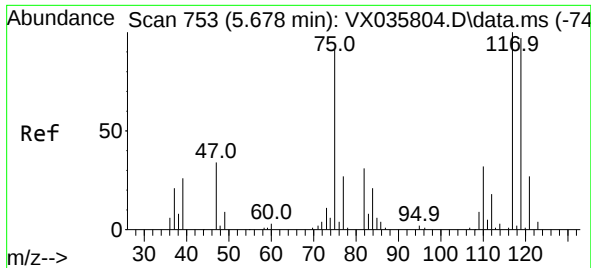
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 34.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

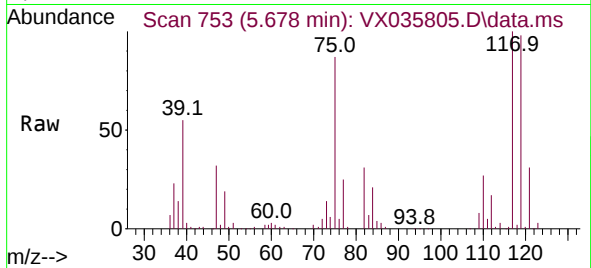
Tgt Ion: 97 Resp: 182414
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 46.4 36.6 55.0





#33
Carbon Tetrachloride
Concen: 34.362 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

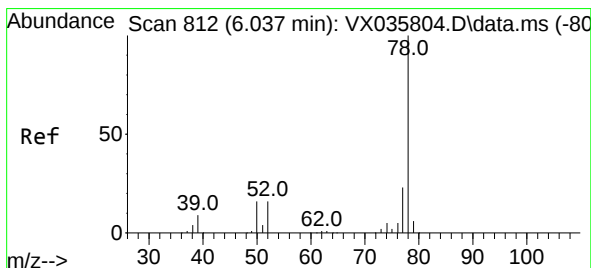
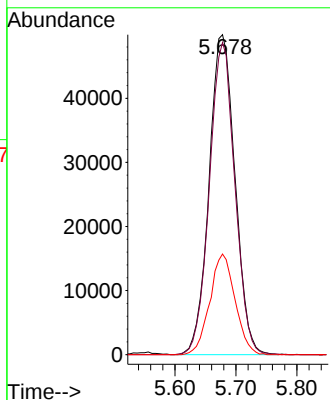
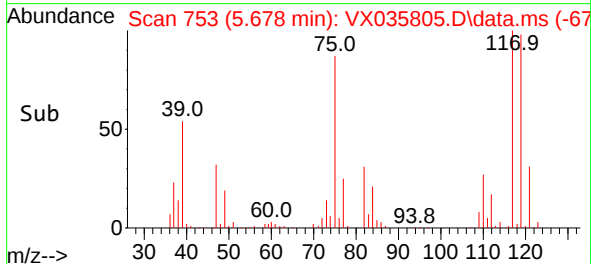
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 147904
Ion Ratio Lower Upper
117 100
119 97.4 73.3 109.9
121 31.5 24.0 36.0

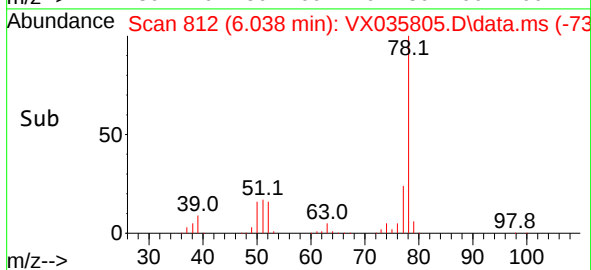
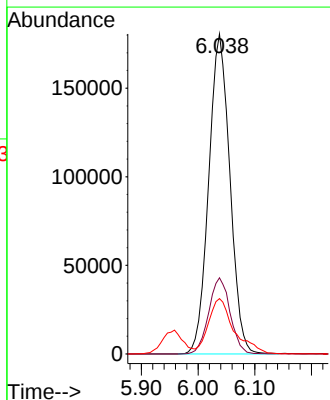
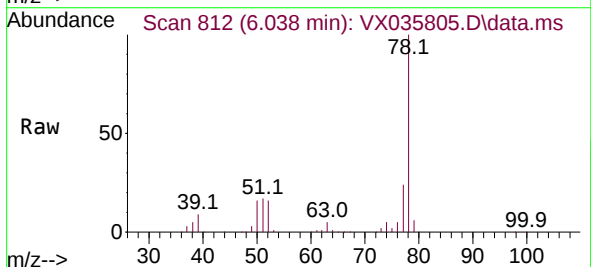
Manual Integrations
APPROVED

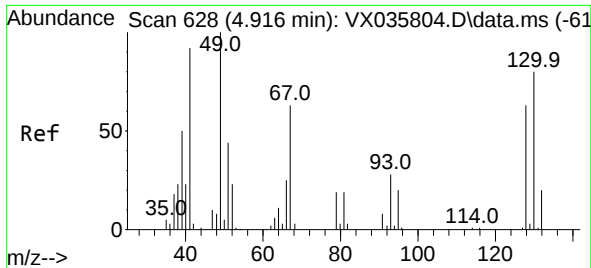
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
Benzene
Concen: 35.651 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

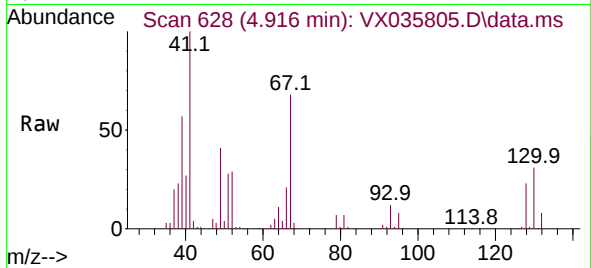
Tgt Ion: 78 Resp: 468278
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4
51 17.2 14.6 21.8





#35
Methacrylonitrile
Concen: 36.783 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

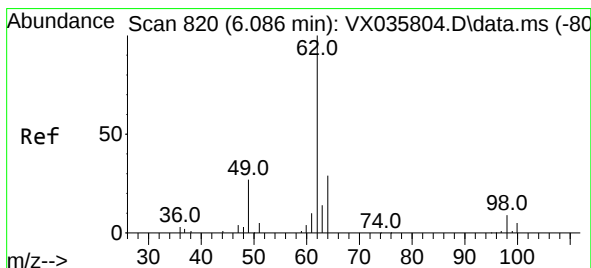
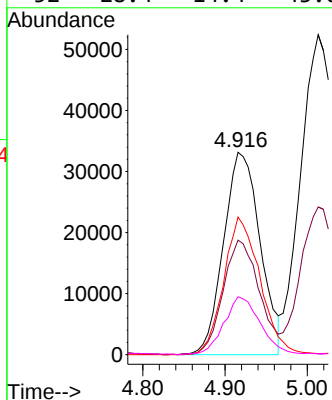
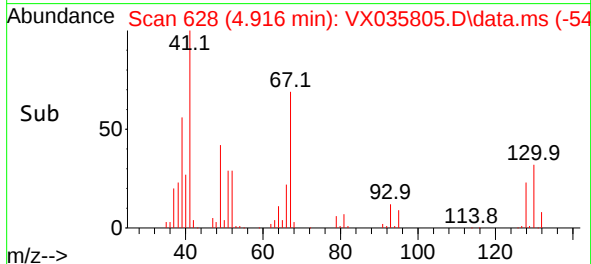
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 102710
Ion Ratio Lower Upper
41 100
39 56.6 28.0 84.0
67 67.9 31.6 94.7
52 28.4 14.4 43.0

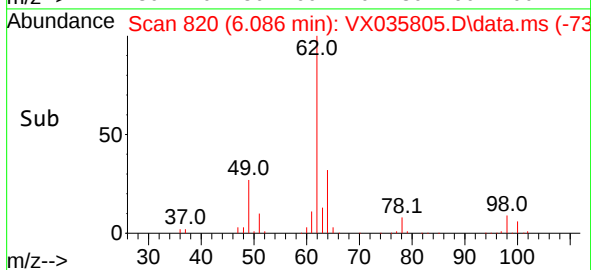
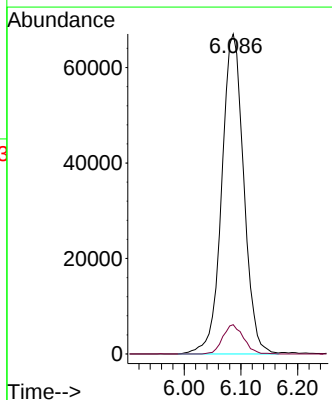
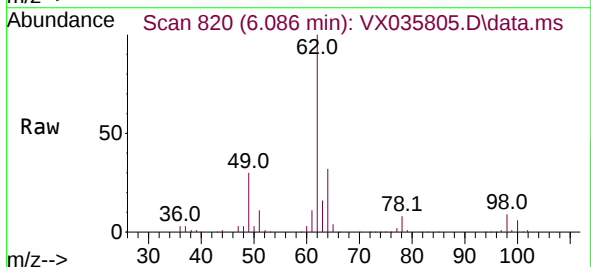
Manual Integrations
APPROVED

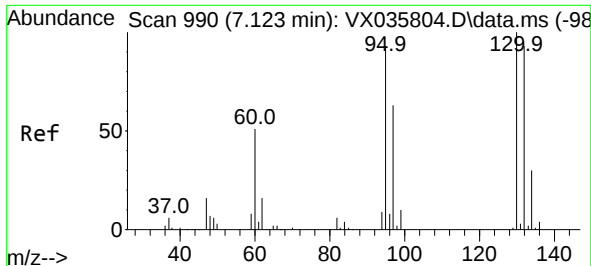
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,2-Dichloroethane
Concen: 34.816 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

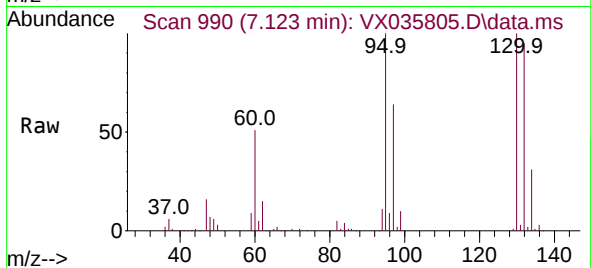
Tgt Ion: 62 Resp: 180436
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#37
Trichloroethene
Concen: 35.800 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

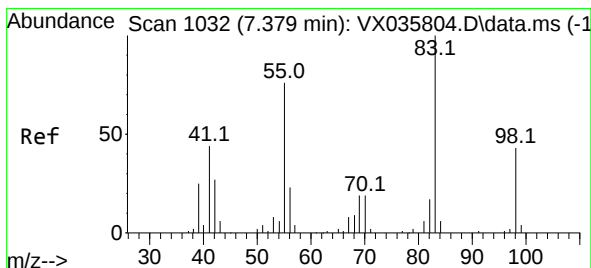
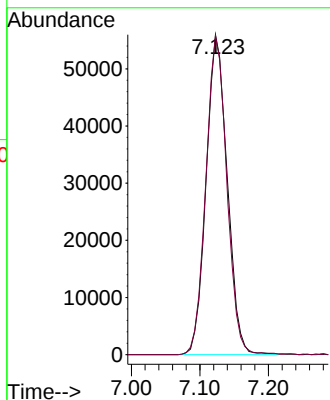
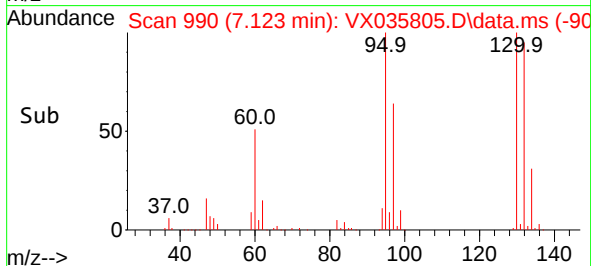
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 11997
Ion Ratio Lower Upper
130 100
95 99.7 77.8 116.6

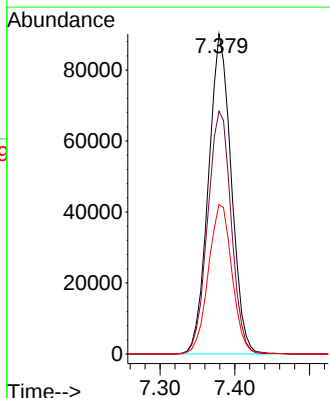
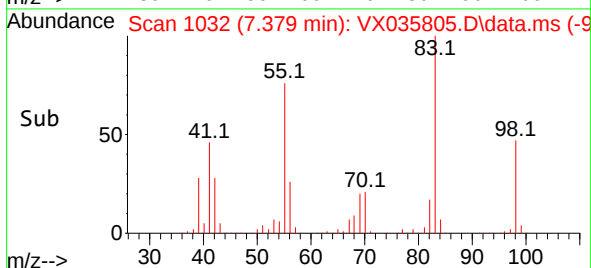
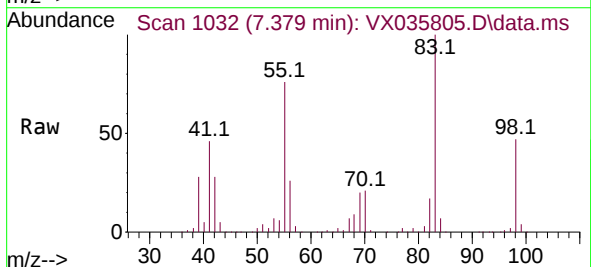
Manual Integrations
APPROVED

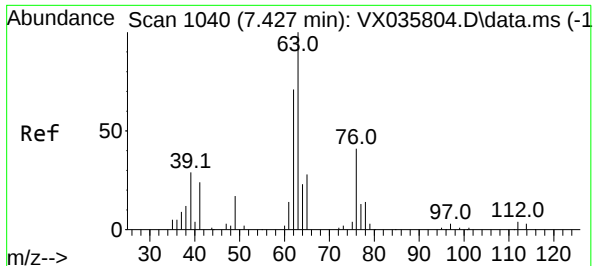
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Methylcyclohexane
Concen: 40.389 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 83 Resp: 191791
Ion Ratio Lower Upper
83 100
55 78.1 38.8 116.4
98 48.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 36.087 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 12402

Ion Ratio Lower Upper

63 100

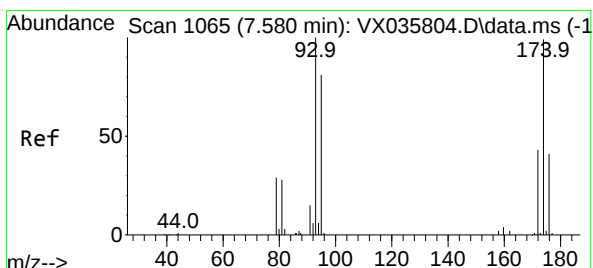
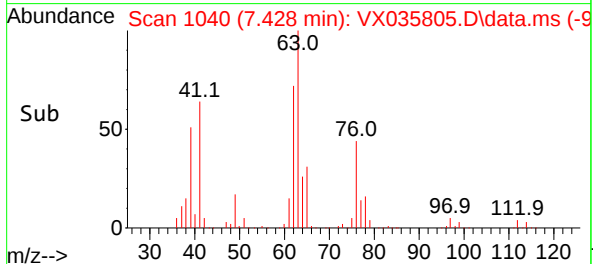
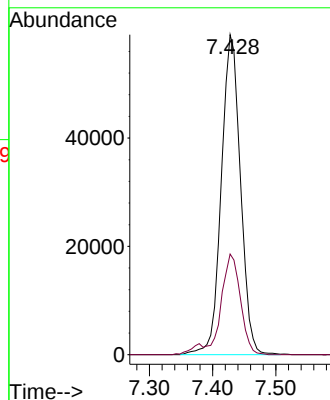
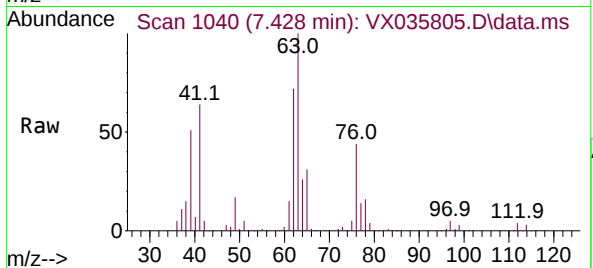
65 31.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 35.913 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

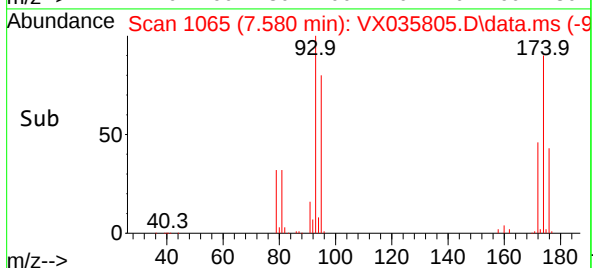
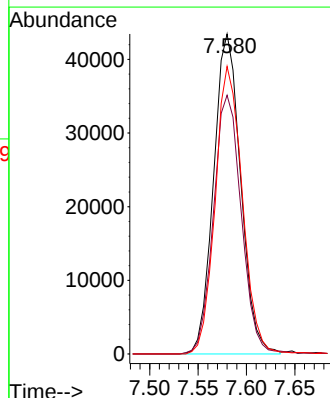
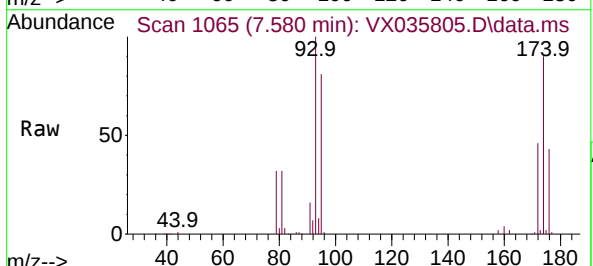
Tgt Ion: 93 Resp: 84545

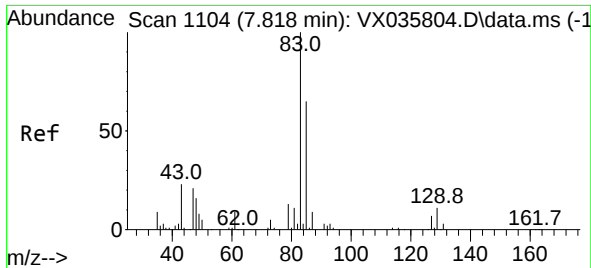
Ion Ratio Lower Upper

93 100

95 83.0 0.0 165.8

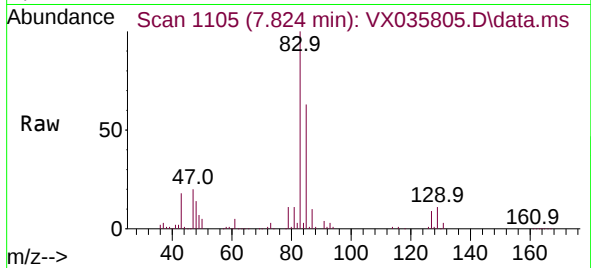
174 89.7 0.0 188.8





#41
Bromodichloromethane
Concen: 35.604 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

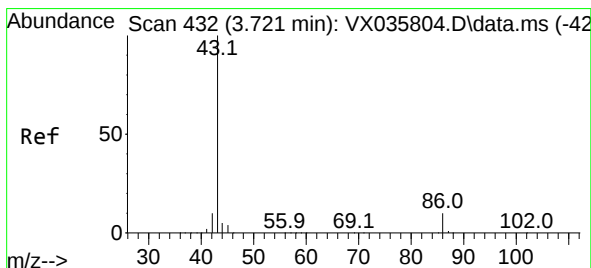
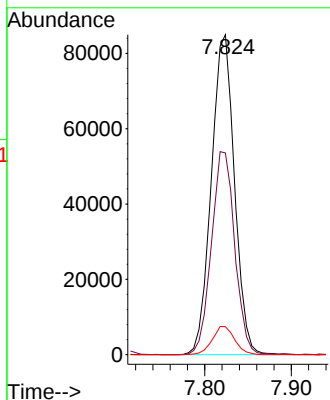
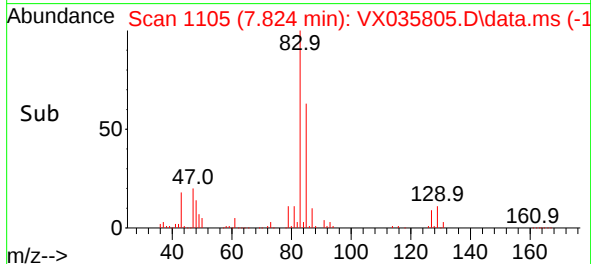
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 15775
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 8.8 8.2 12.4

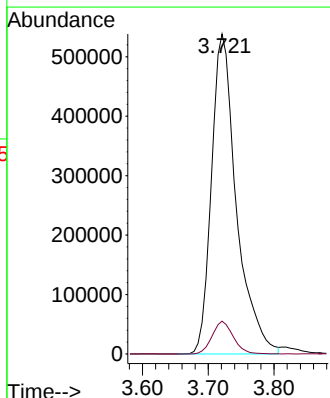
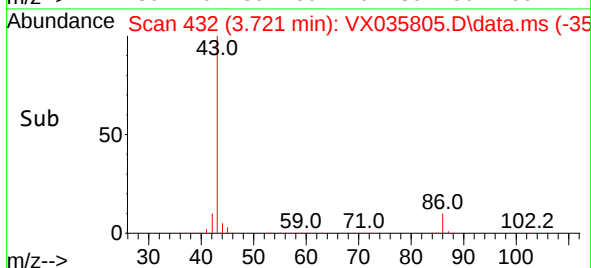
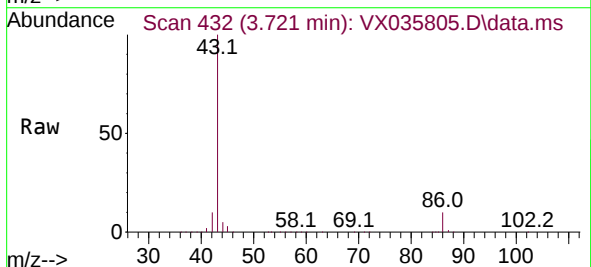
Manual Integrations
APPROVED

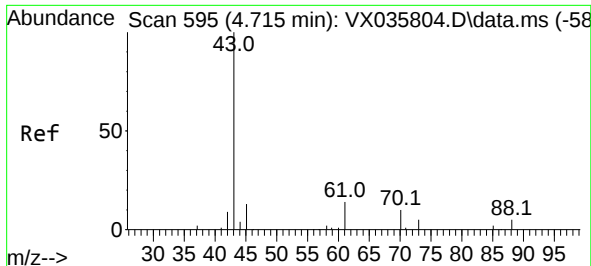
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
Vinyl Acetate
Concen: 174.383 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 43 Resp: 1421421
Ion Ratio Lower Upper
43 100
86 8.7 6.9 10.3





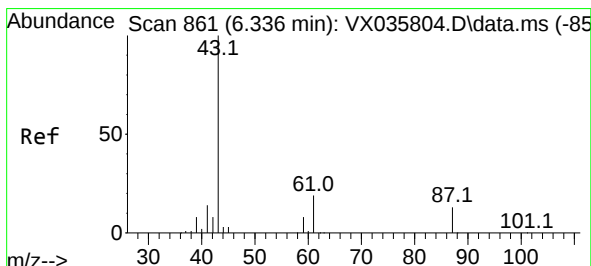
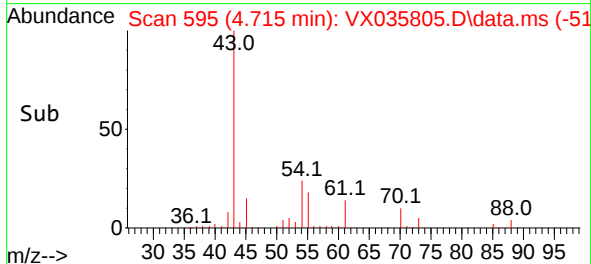
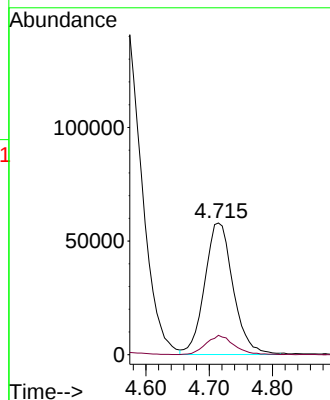
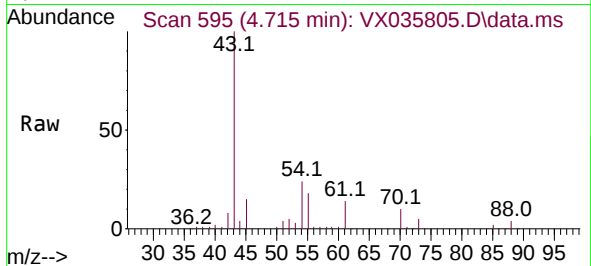
#43
Ethyl Acetate
Concen: 36.922 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 181156
Ion Ratio Lower Upper
43 100
45 14.5 12.0 18.0

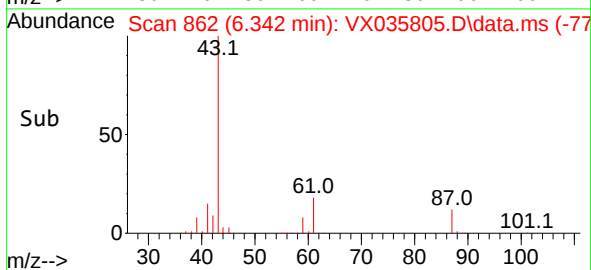
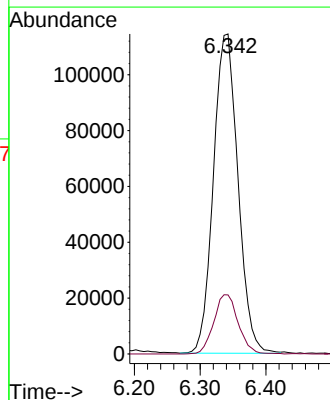
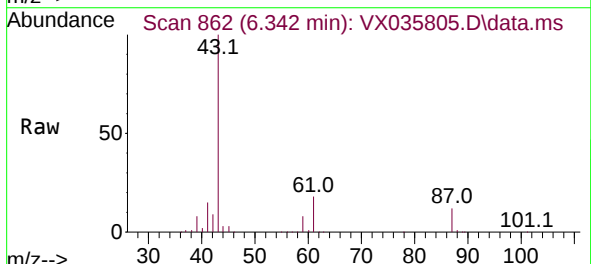
Manual Integrations
APPROVED

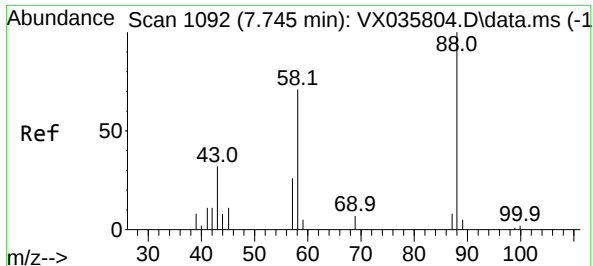
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#44
Isopropyl Acetate
Concen: 35.807 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 43 Resp: 297131
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.0





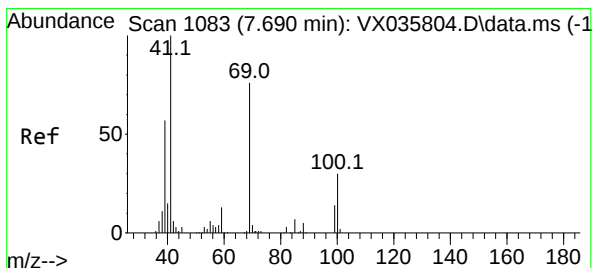
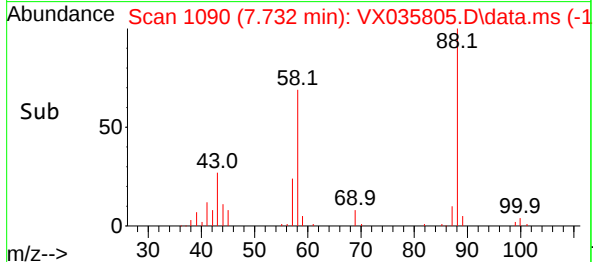
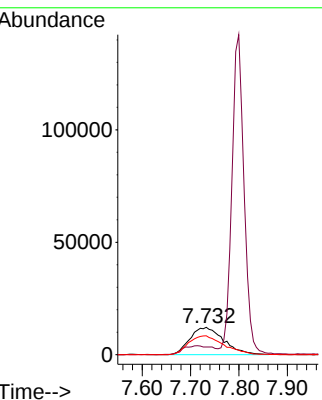
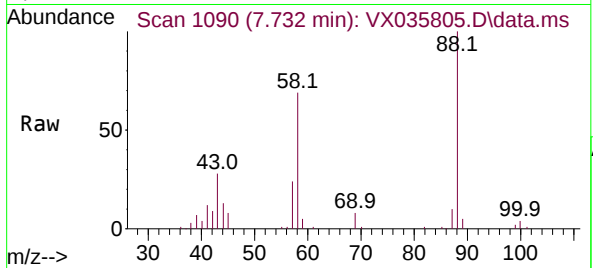
#45
1,4-Dioxane
Concen: 717.001 ug/l
RT: 7.732 min Scan# 1092
Delta R.T. -0.012 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 88 Resp: 58950
Ion Ratio Lower Upper
88 100
43 7.7 26.5 39.7
58 72.3 55.6 83.4

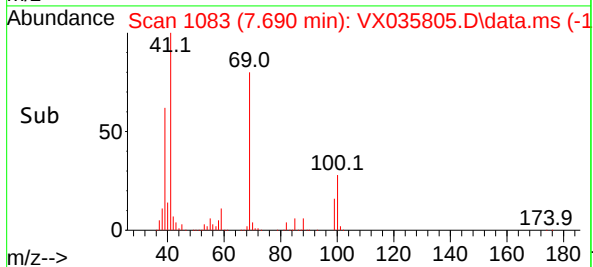
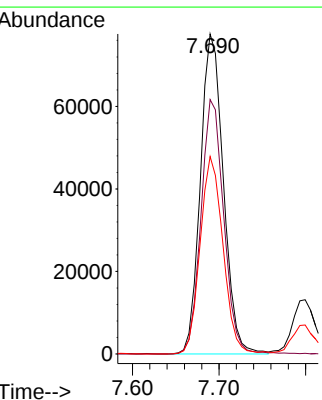
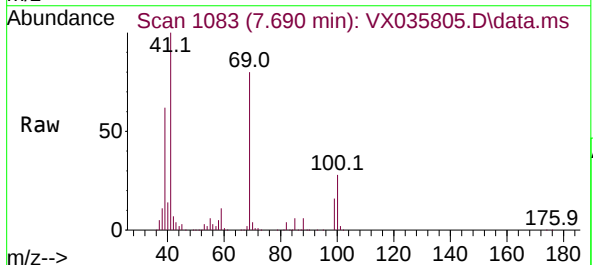
Manual Integrations
APPROVED

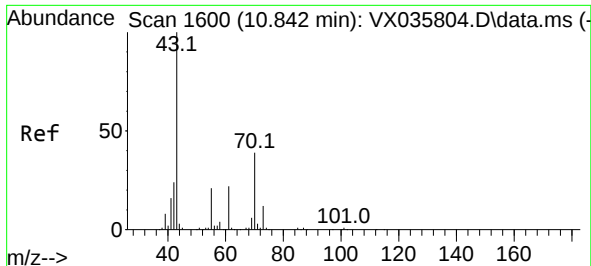
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#46
Methyl methacrylate
Concen: 35.302 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

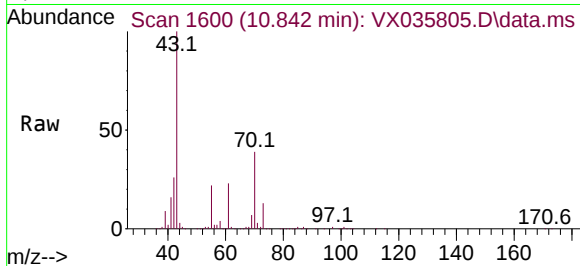
Tgt Ion: 41 Resp: 143000
Ion Ratio Lower Upper
41 100
69 79.5 38.1 114.5
39 61.7 31.4 94.3





#47
n-amyl acetate
Concen: 35.852 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

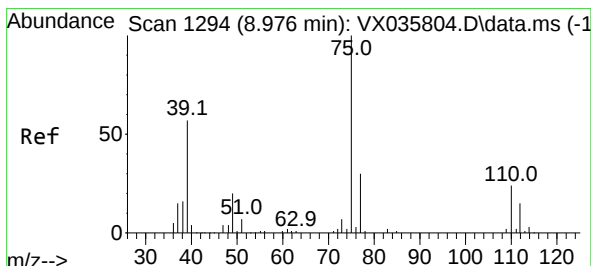
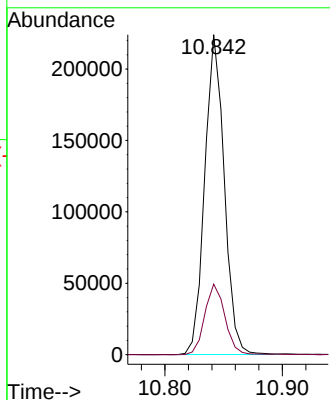
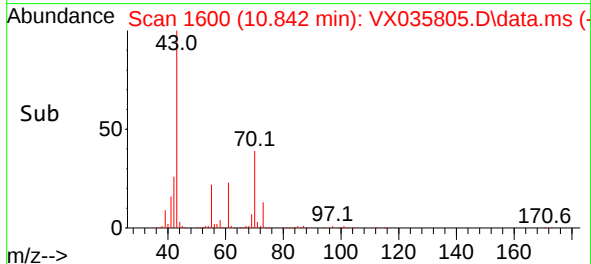
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 258484
Ion Ratio Lower Upper
43 100
55 22.7 18.6 28.0

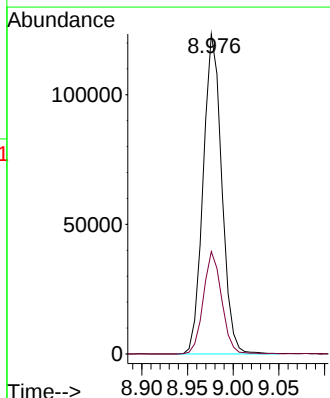
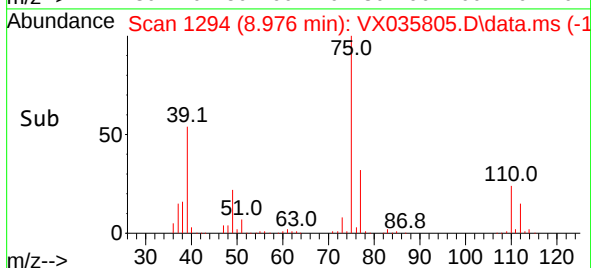
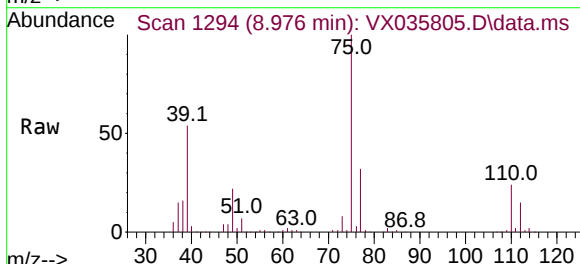
Manual Integrations
APPROVED

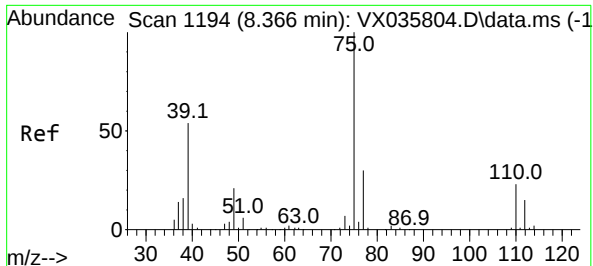
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
t-1,3-Dichloropropene
Concen: 36.002 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 75 Resp: 174372
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 36.427 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 19391

Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0

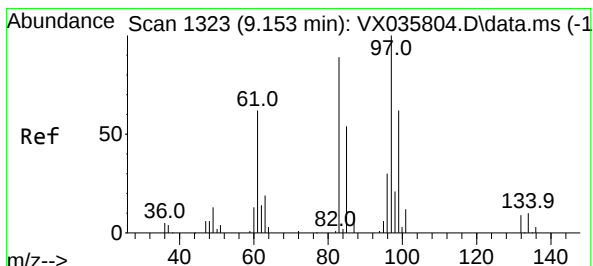
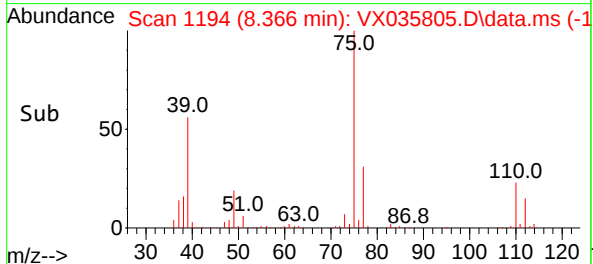
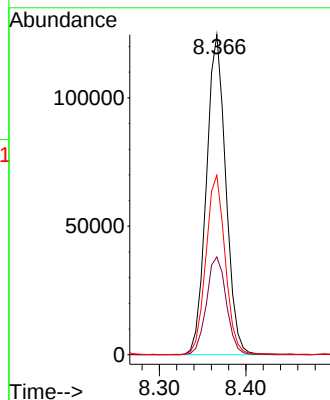
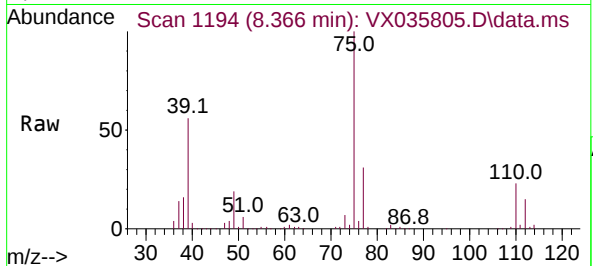
39 55.9 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

1,1,2-Trichloroethane

Concen: 36.336 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

Tgt Ion: 97 Resp: 120257

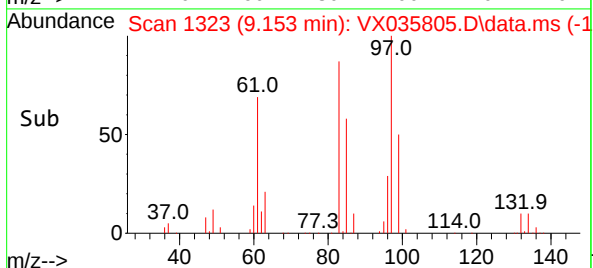
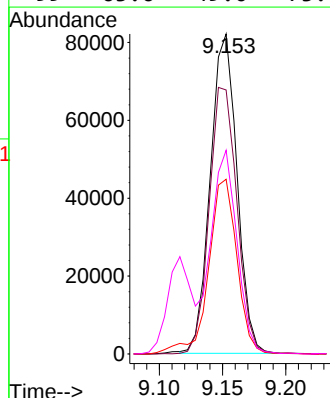
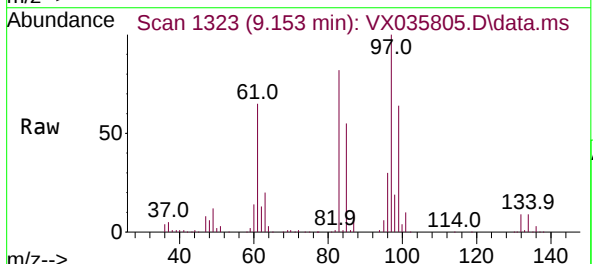
Ion Ratio Lower Upper

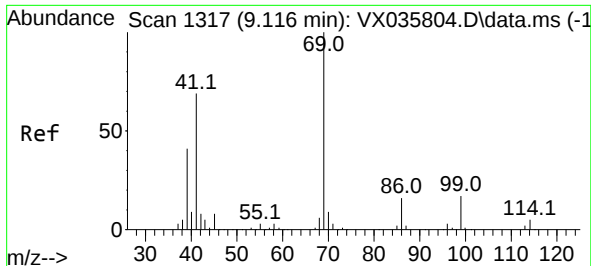
97 100

83 82.5 68.9 103.3

85 54.5 44.0 66.0

99 63.6 49.0 73.4





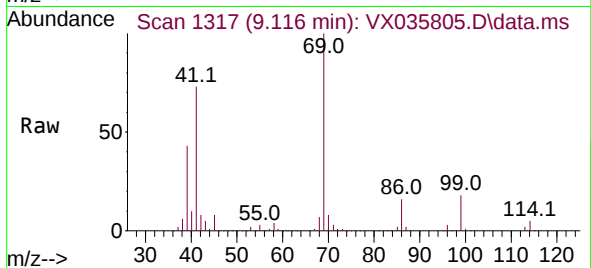
#51
Ethyl methacrylate
Concen: 35.249 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



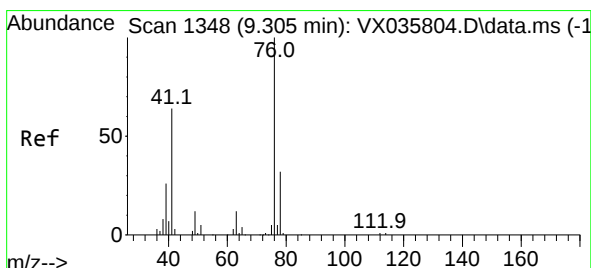
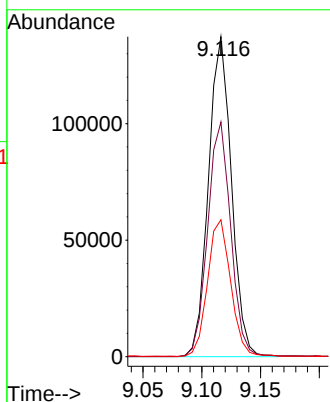
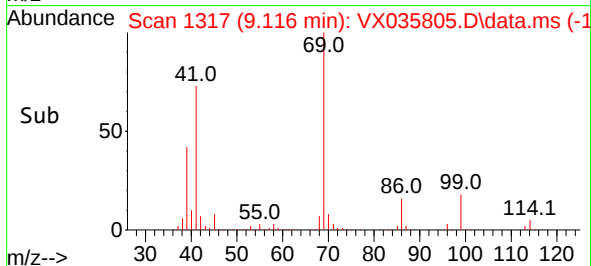
Tgt Ion: 69 Resp: 187058
Ion Ratio Lower Upper
69 100
41 73.3 36.2 108.6
39 42.7 21.2 63.6

Manual Integrations

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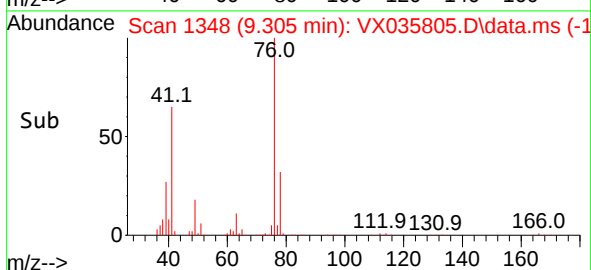
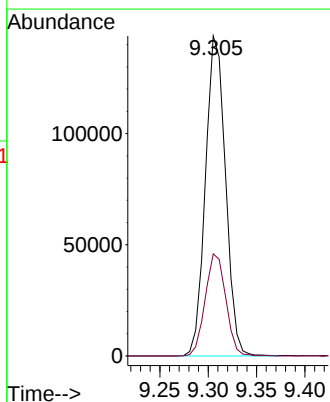
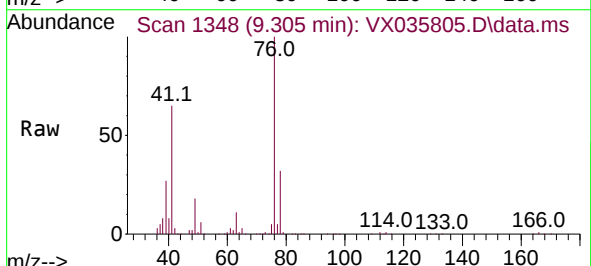
Reviewed By :John Carlone 05/25/2023

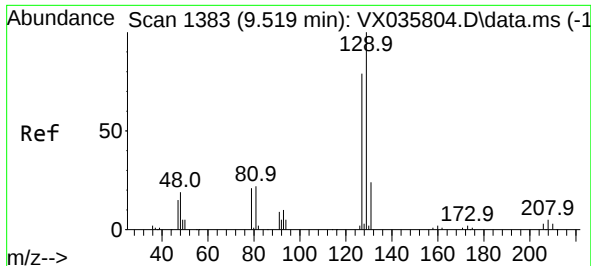
Supervised By :Mahesh Dadoda 05/25/2023



#52
1,3-Dichloropropane
Concen: 35.793 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

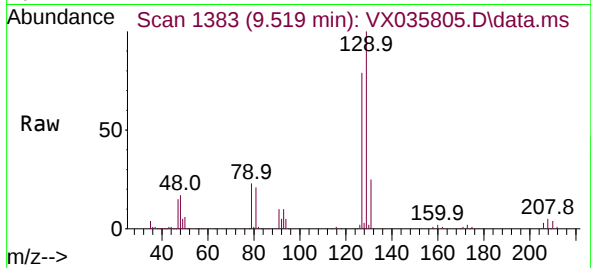
Tgt Ion: 76 Resp: 208511
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.8





#53
Dibromochloromethane
Concen: 35.101 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

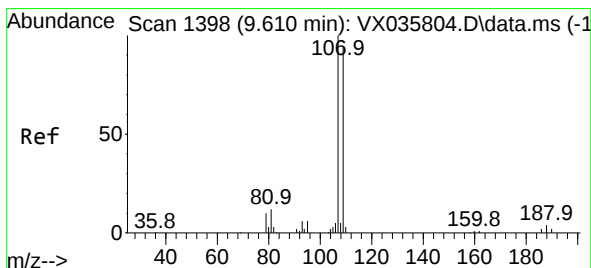
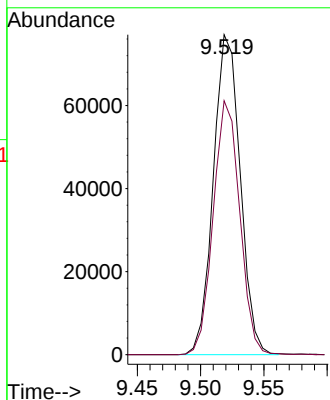
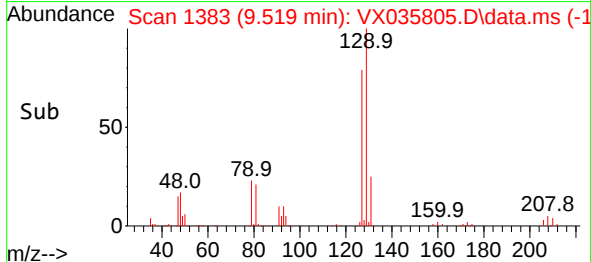
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



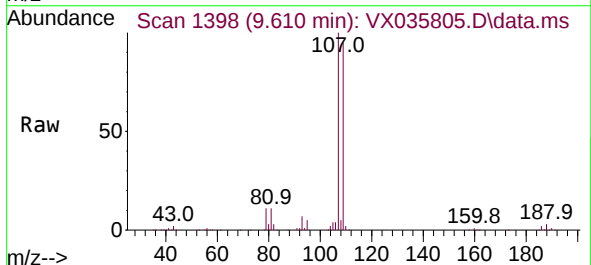
Tgt Ion:129 Resp: 11387
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.5

Manual Integrations
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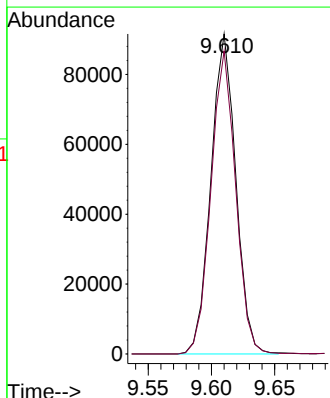
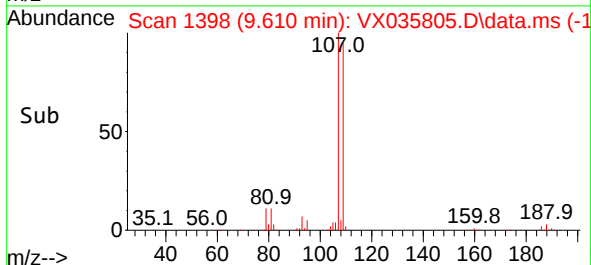
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

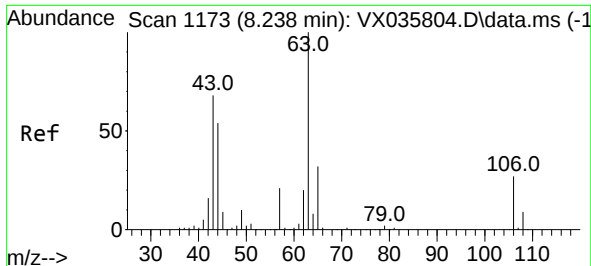


#54
1,2-Dibromoethane
Concen: 35.474 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



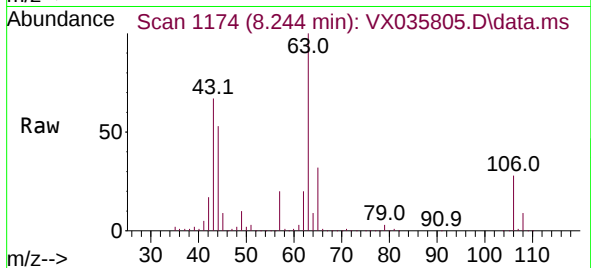
Tgt Ion:107 Resp: 125278
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 178.469 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

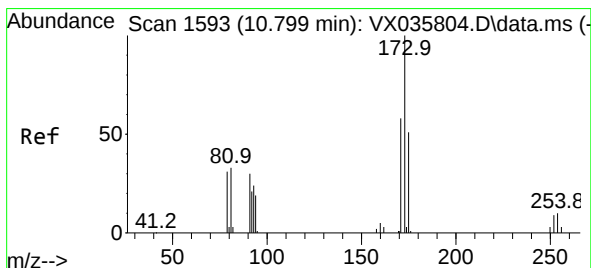
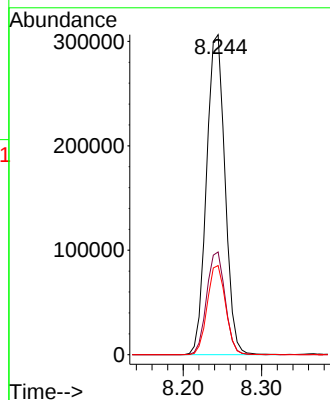
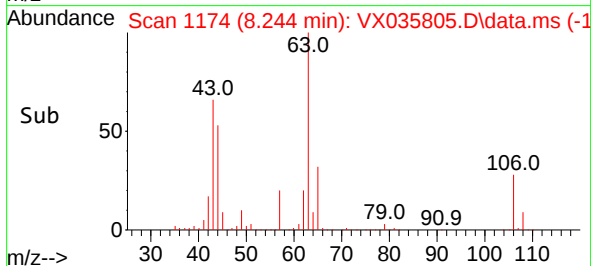
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 501150
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2
106 27.7 21.6 32.4

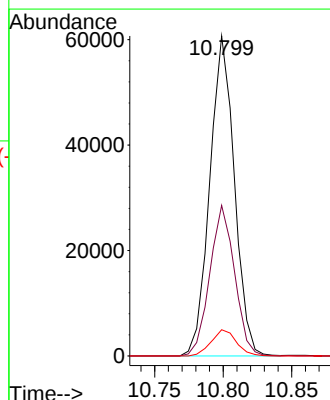
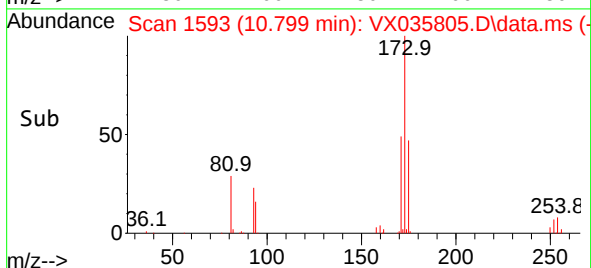
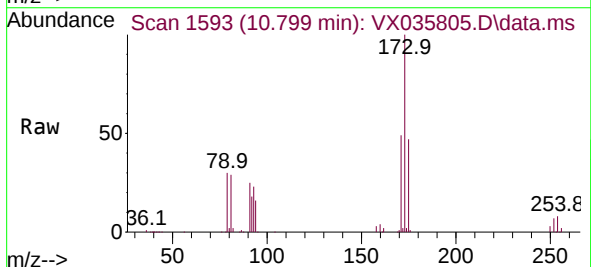
Manual Integrations
APPROVED

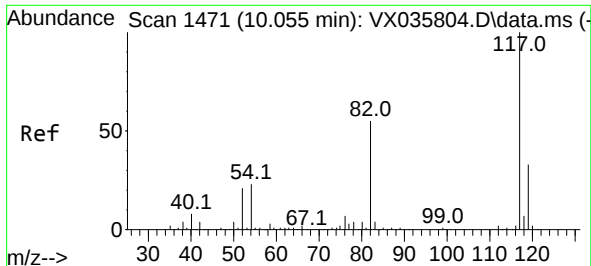
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Bromoform
Concen: 33.939 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

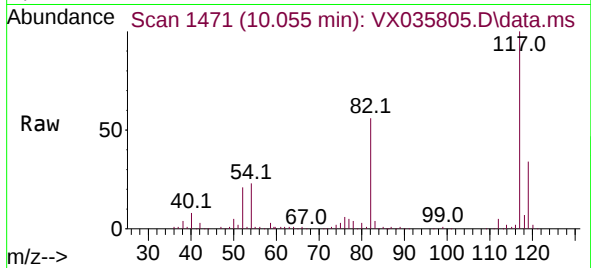
Tgt Ion:173 Resp: 75687
Ion Ratio Lower Upper
173 100
175 47.3 37.0 55.4
254 8.4 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

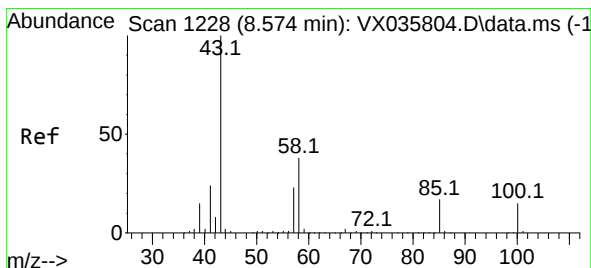
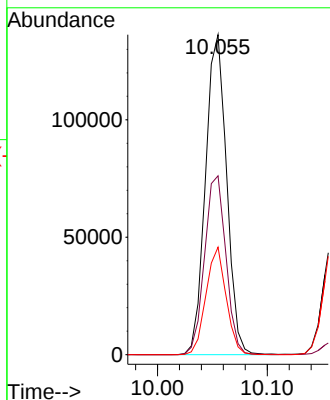
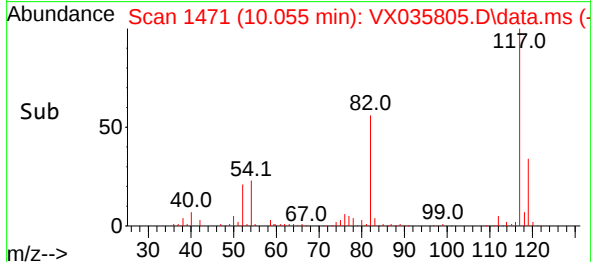
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 182792
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.8
119 32.0 25.4 38.0

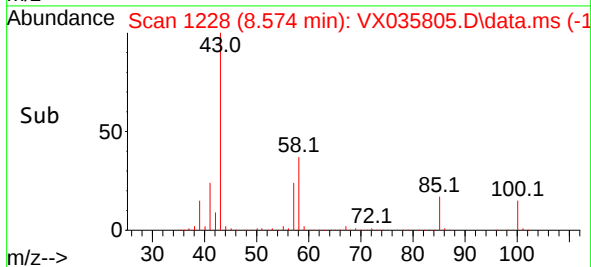
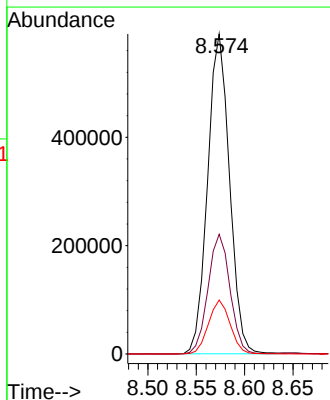
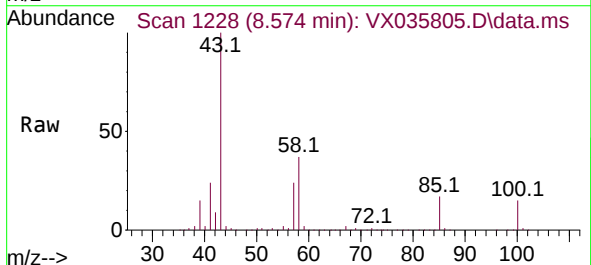
Manual Integrations
APPROVED

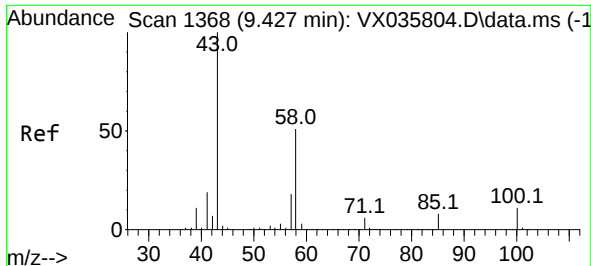
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#58
4-Methyl-2-Pentanone
Concen: 229.746 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 43 Resp: 930413
Ion Ratio Lower Upper
43 100
58 37.5 29.9 44.9
85 16.7 13.2 19.8





#59

2-Hexanone

Concen: 230.979 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 70772

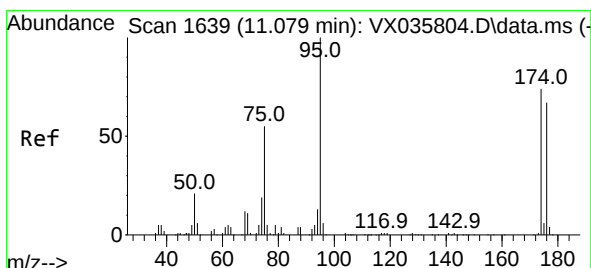
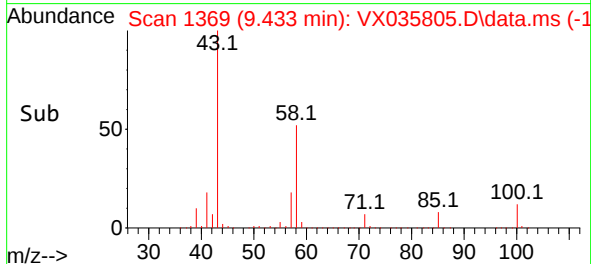
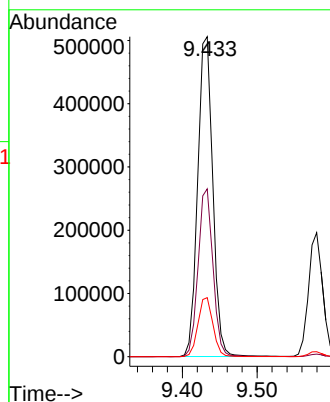
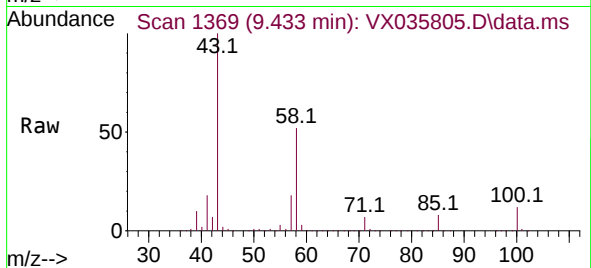
Ion	Ratio	Lower	Upper
43	100		
58	51.8	41.7	62.5
57	18.4	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#60

4-Bromofluorobenzene

Concen: 25.901 ug/l

RT: 11.079 min Scan# 1639

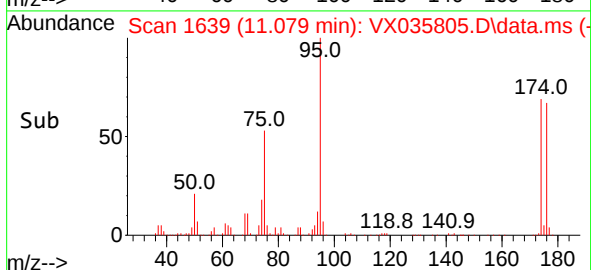
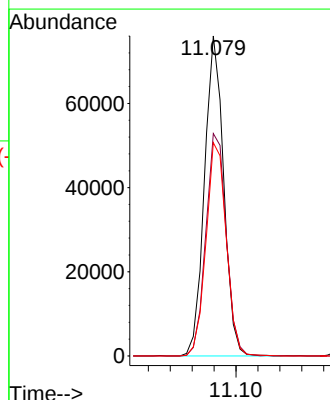
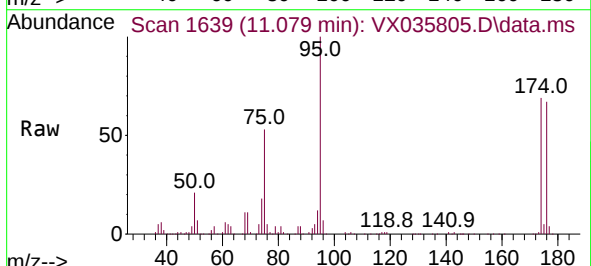
Delta R.T. 0.000 min

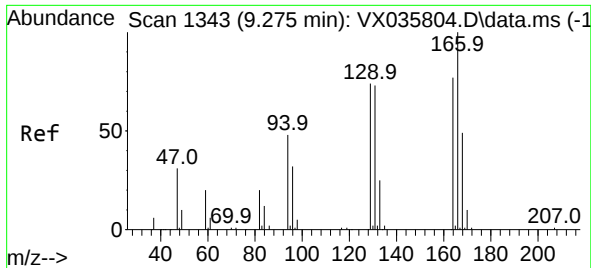
Lab File: VX035805.D

Acq: 23 May 2023 10:05

Tgt Ion: 95 Resp: 92255

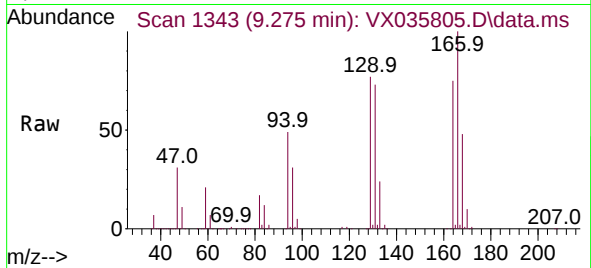
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.2	0.4#
176	70.5	0.2	0.2#





#61
Tetrachloroethene
Concen: 41.048 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

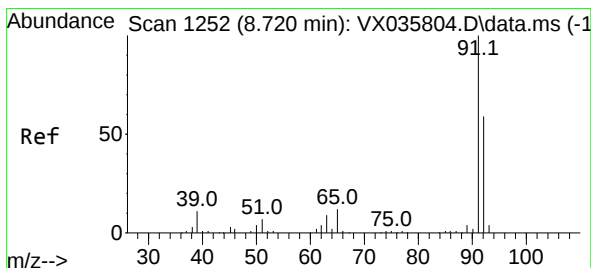
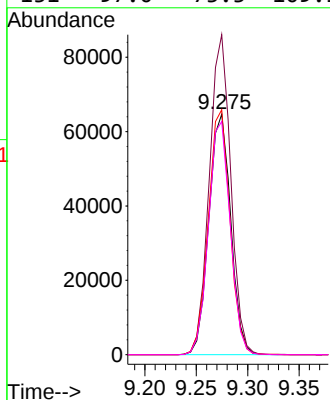
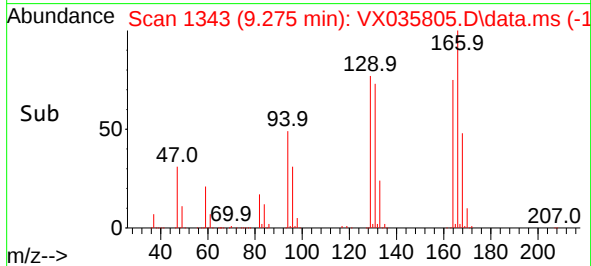
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



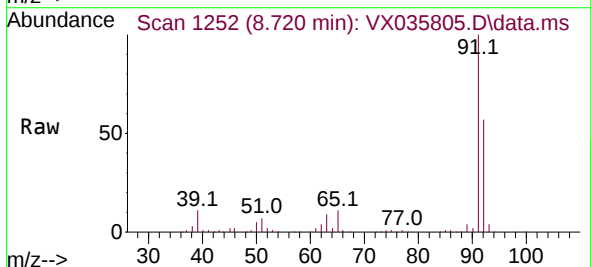
Tgt Ion:164 Resp: 95679
Ion Ratio Lower Upper
164 100
166 133.1 100.1 150.1
129 101.8 79.1 118.7
131 97.0 73.3 109.9

Manual Integrations
APPROVED

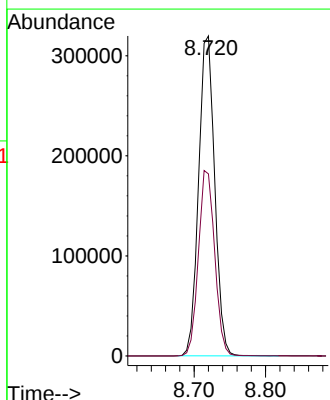
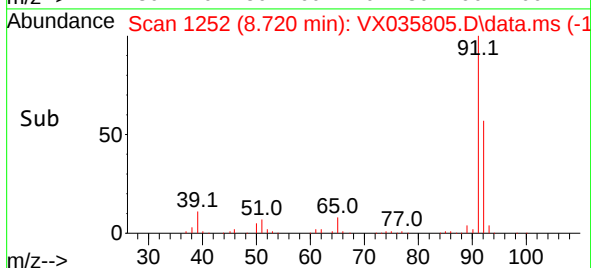
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

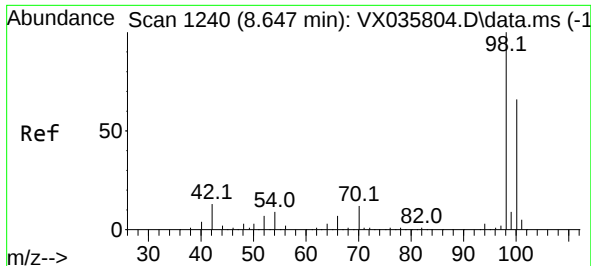


#62
Toluene
Concen: 43.587 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



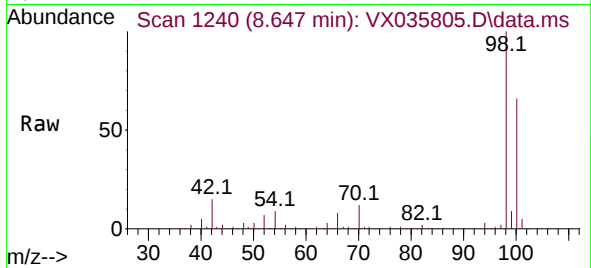
Tgt Ion: 91 Resp: 499410
Ion Ratio Lower Upper
91 100
92 58.6 46.5 69.7





#63
Toluene-d8
Concen: 37.742 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

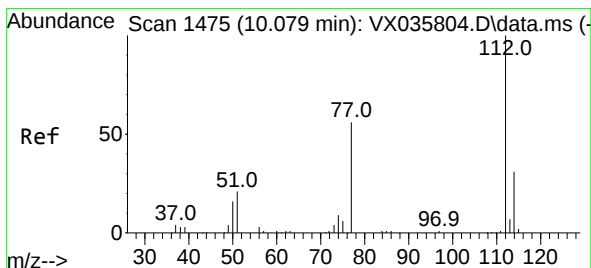
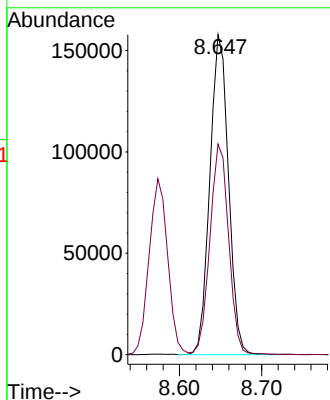
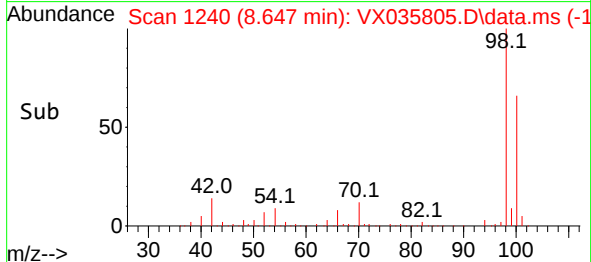
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



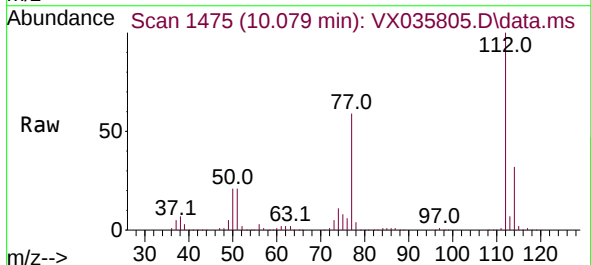
Tgt Ion: 98 Resp: 248450
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

Manual Integrations
APPROVED

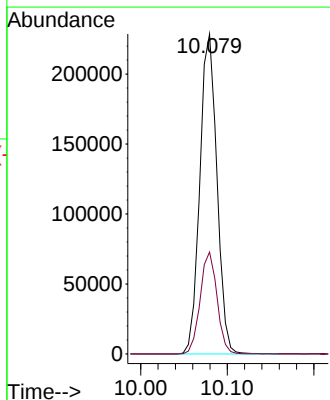
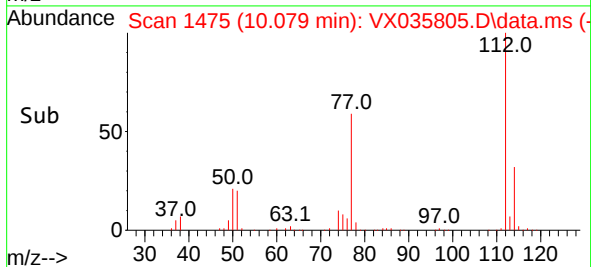
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

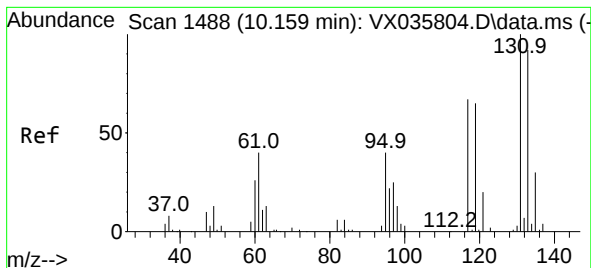


#64
Chlorobenzene
Concen: 44.147 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



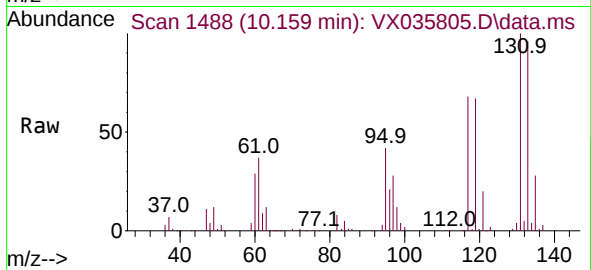
Tgt Ion:112 Resp: 313671
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 43.660 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

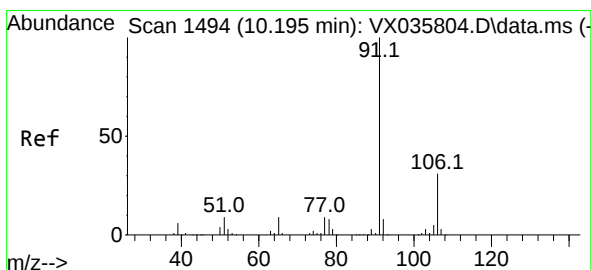
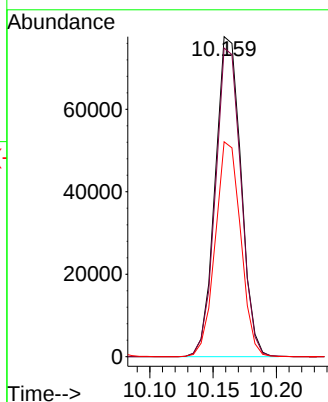
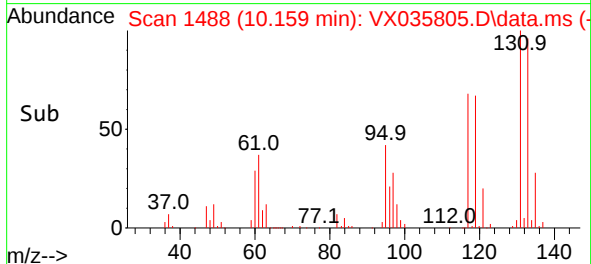
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 110149
Ion Ratio Lower Upper
131 100
133 95.4 0.0 186.6
119 66.0 0.0 128.6

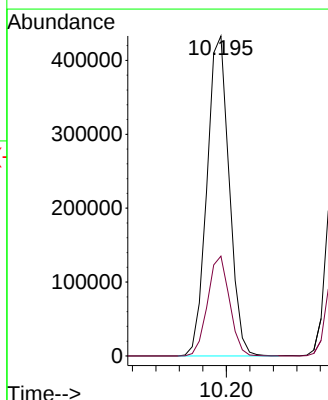
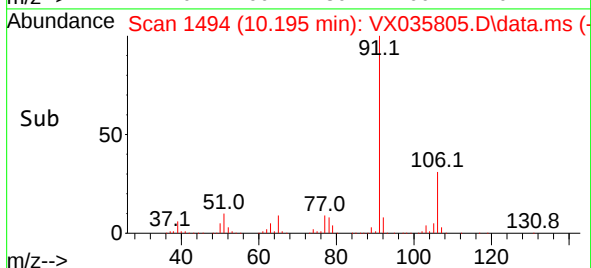
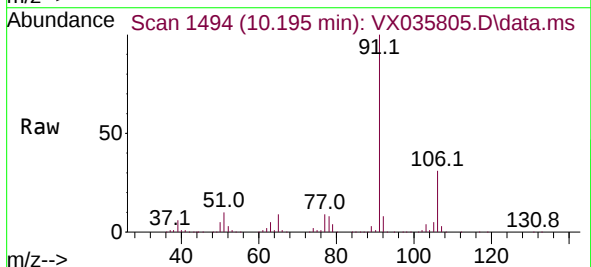
Manual Integrations
APPROVED

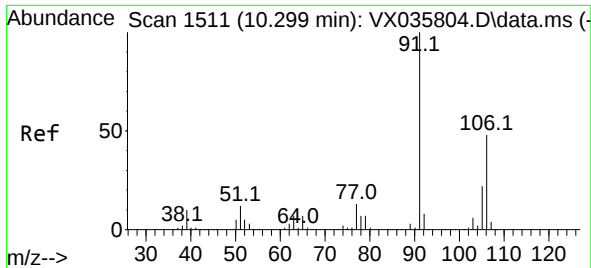
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 44.559 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 91 Resp: 567873
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6





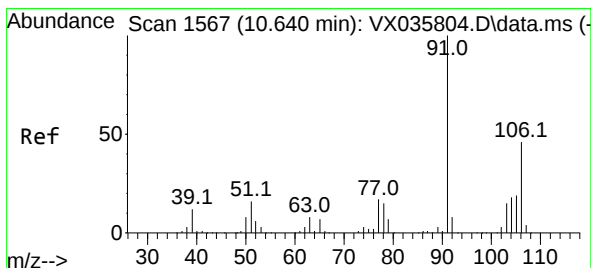
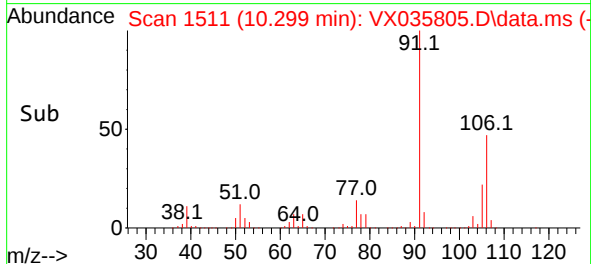
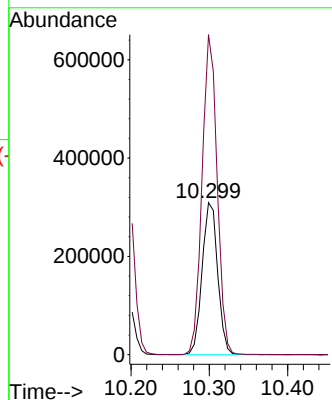
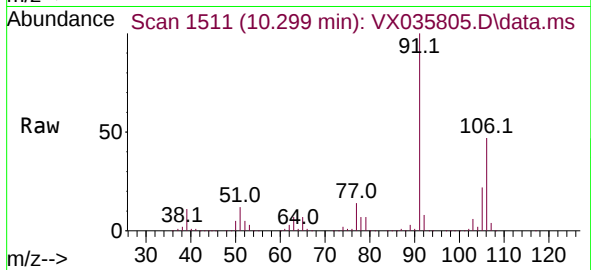
#67
m/p-Xylenes
Concen: 87.334 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 425632
Ion Ratio Lower Upper
106 100
91 204.3 167.4 251.2

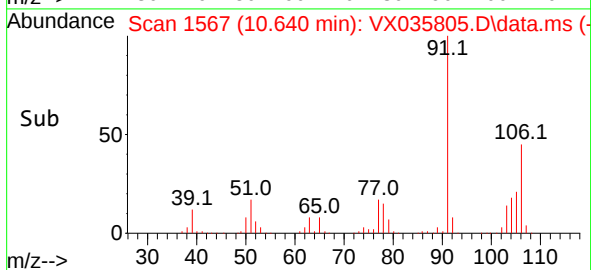
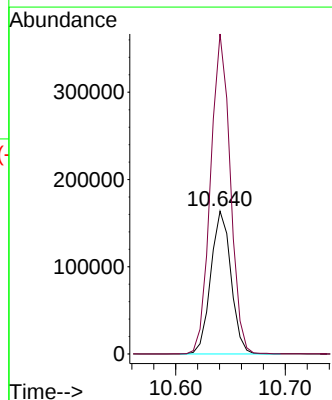
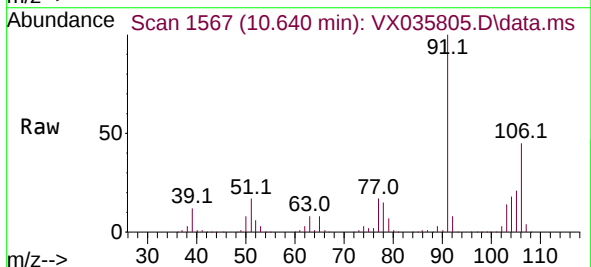
Manual Integrations
APPROVED

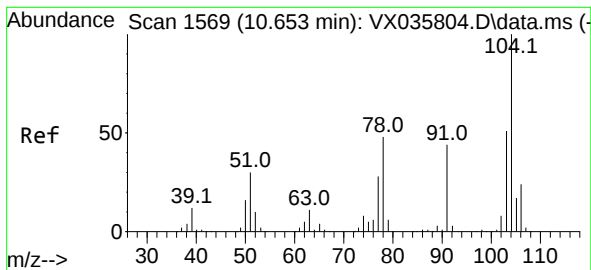
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#68
o-Xylene
Concen: 43.369 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion:106 Resp: 209211
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.8





#69

Styrene

Concen: 43.886 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

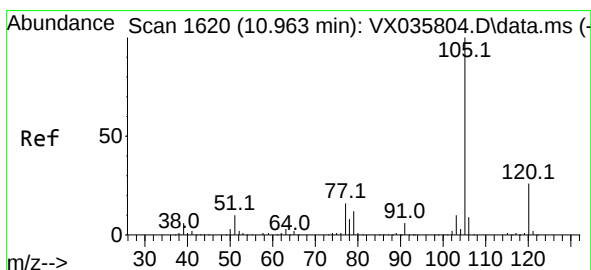
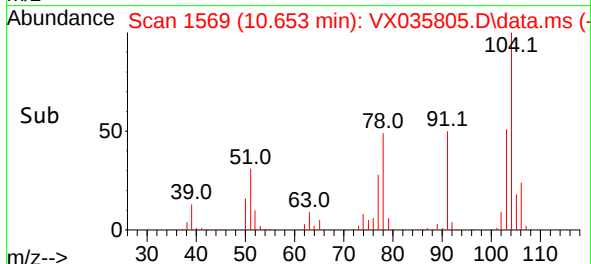
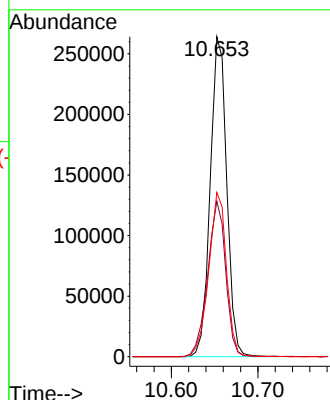
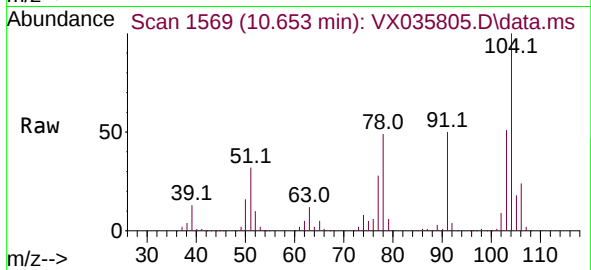
Tgt Ion:104 Resp: 349824
 Ion Ratio Lower Upper
 104 100
 78 53.0 42.8 64.2
 103 55.0 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#70

Isopropylbenzene

Concen: 44.960 ug/l

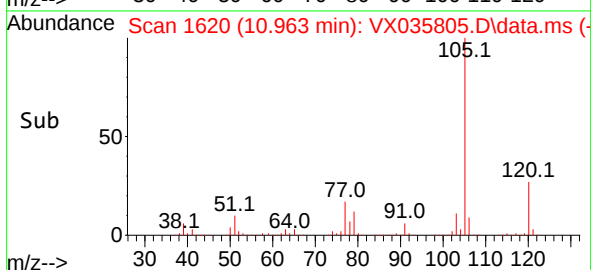
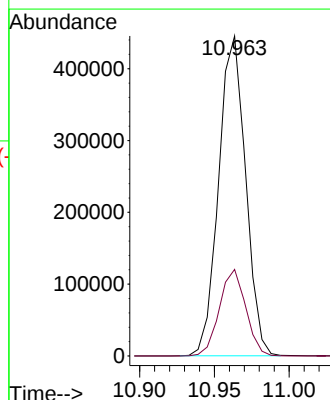
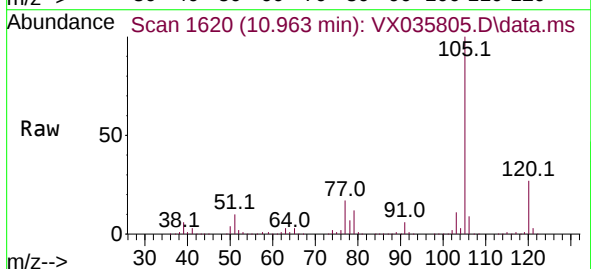
RT: 10.963 min Scan# 1620

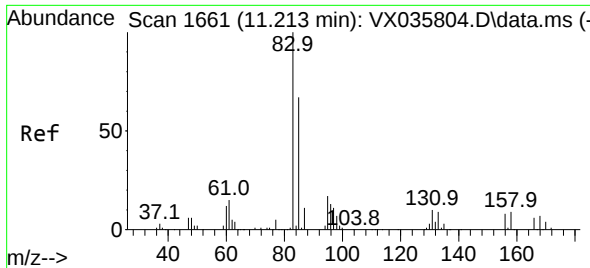
Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

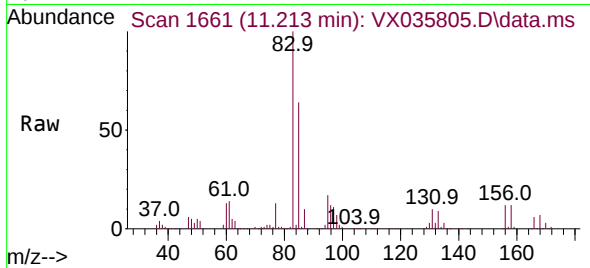
Tgt Ion:105 Resp: 558870
 Ion Ratio Lower Upper
 105 100
 120 26.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 45.903 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

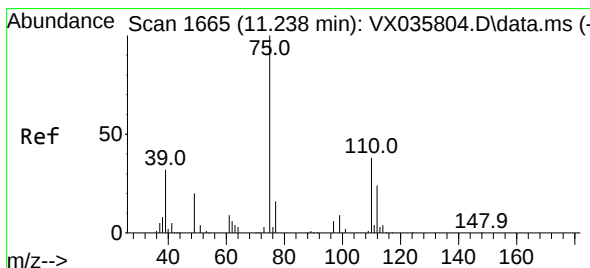
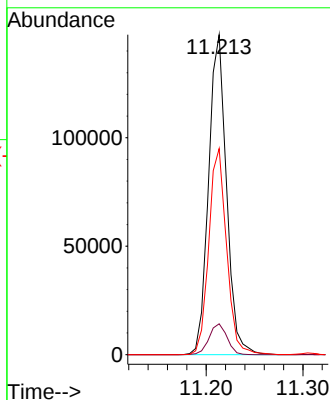
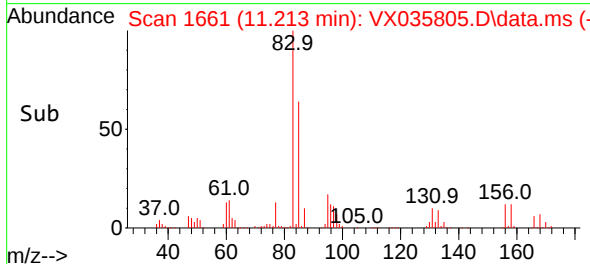
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



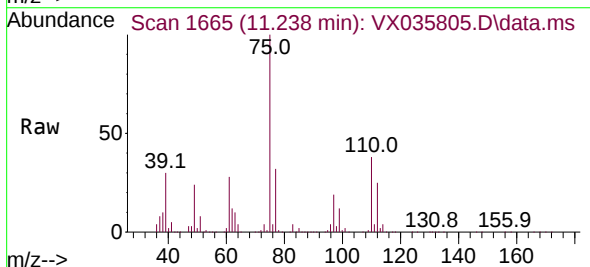
Tgt Ion: 83 Resp: 18990
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 64.1 31.9 95.5

Manual Integrations
APPROVED

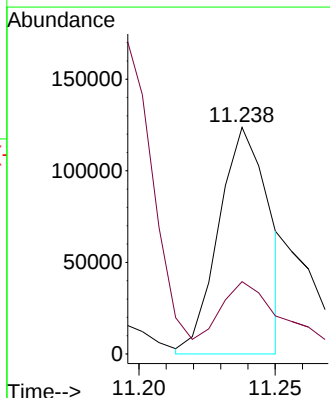
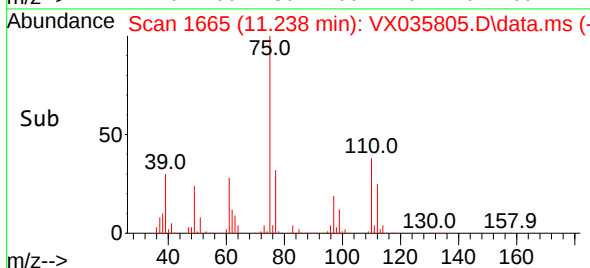
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

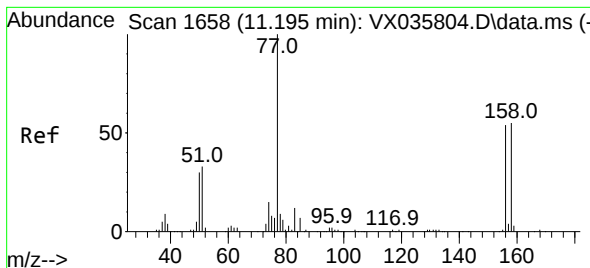


#72
1,2,3-Trichloropropane
Concen: 42.844 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



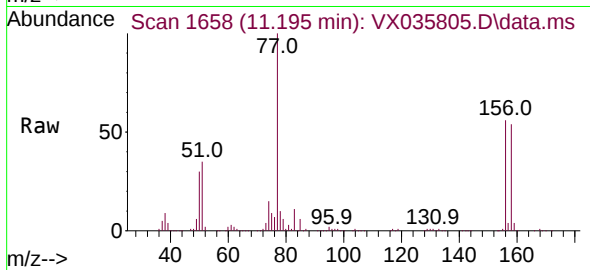
Tgt Ion: 75 Resp: 158739
Ion Ratio Lower Upper
75 100
77 41.7 0.0 73.8





#73
Bromobenzene
Concen: 43.604 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

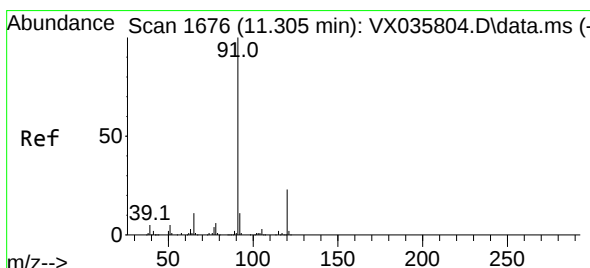
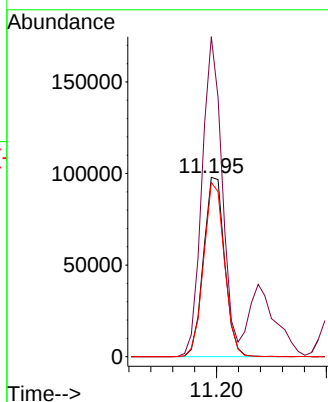
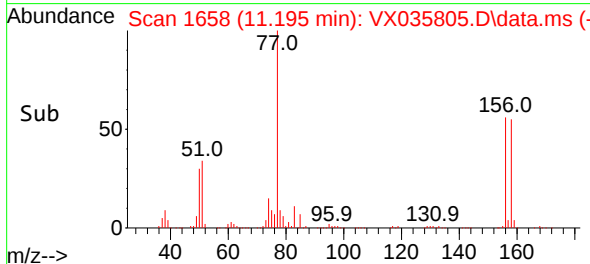
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



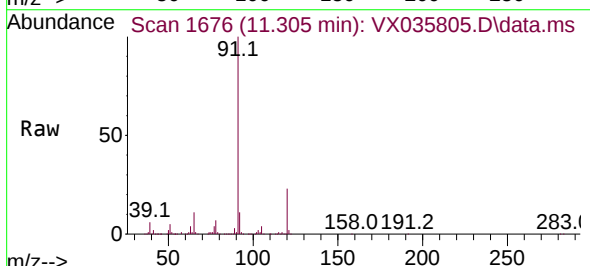
Tgt Ion:156 Resp: 13077
Ion Ratio Lower Upper
156 100
77 170.2 0.0 330.8
158 95.7 0.0 193.4

Manual Integrations
APPROVED

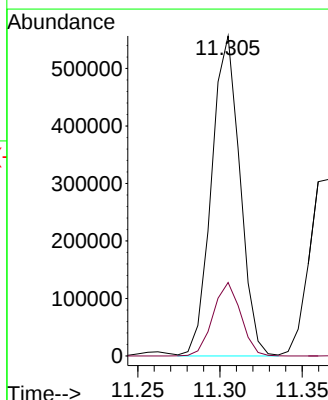
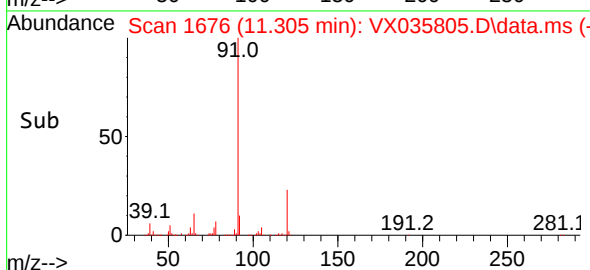
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

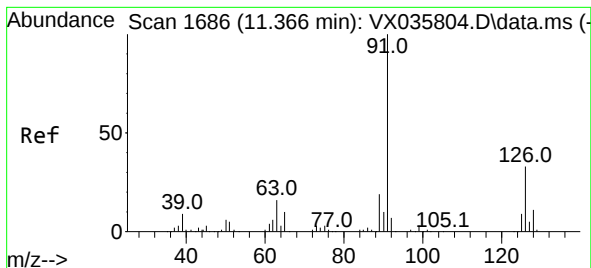


#74
n-propylbenzene
Concen: 46.080 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



Tgt Ion: 91 Resp: 669342
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.8





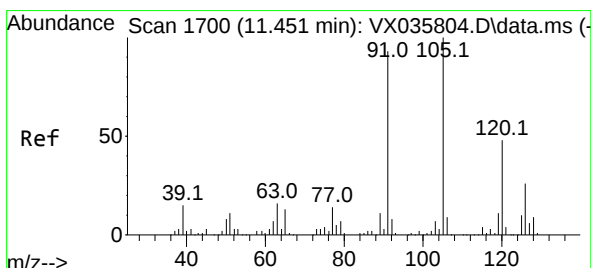
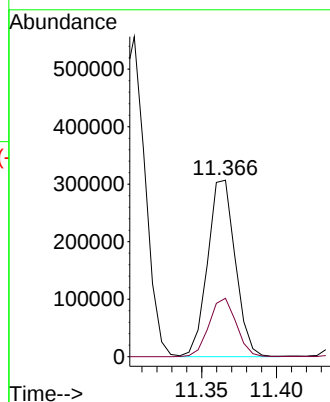
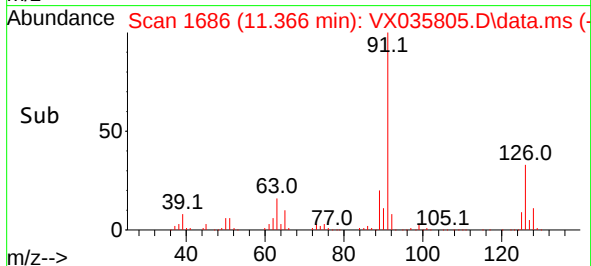
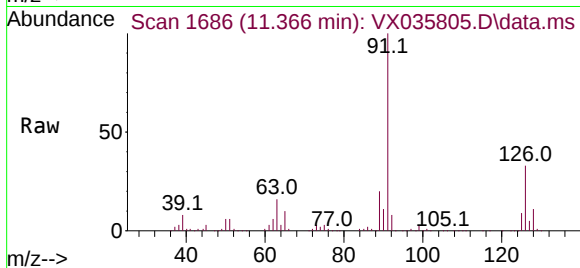
#75
2-Chlorotoluene
Concen: 43.608 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 39538
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.4

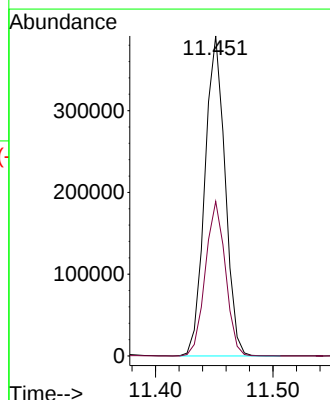
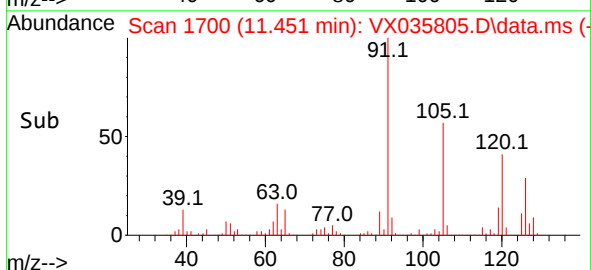
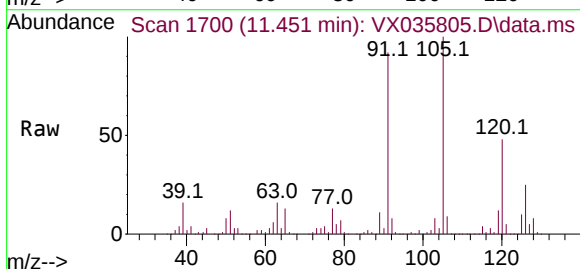
Manual Integrations
APPROVED

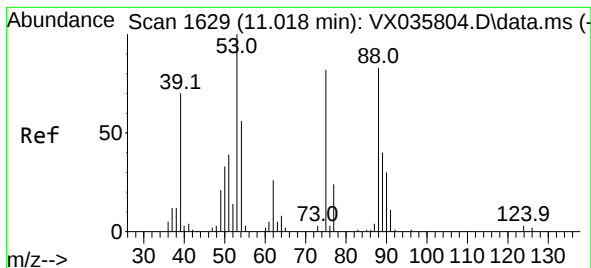
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 44.529 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion:105 Resp: 467354
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.4





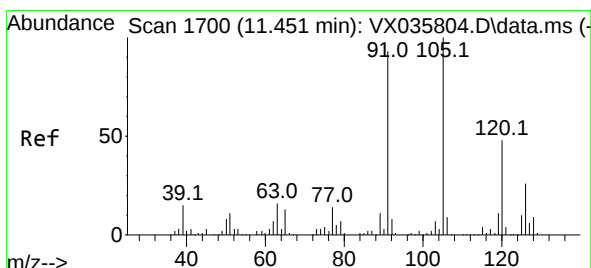
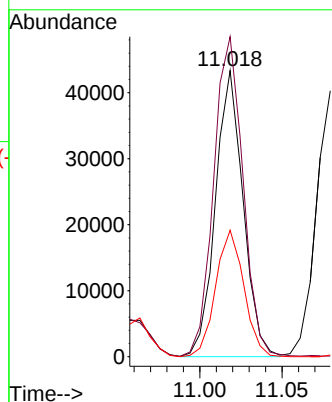
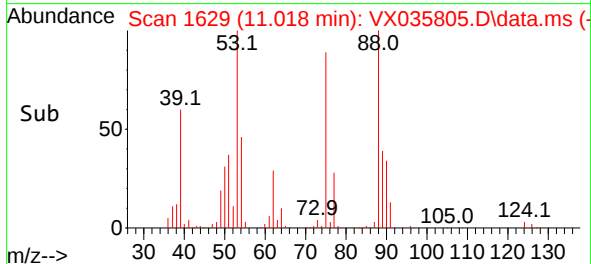
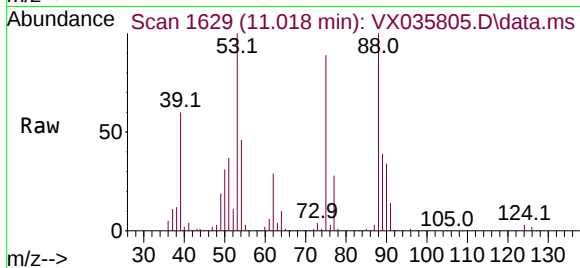
#77
t-1,4-Dichloro-2-butene
Concen: 44.131 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 50709
Ion Ratio Lower Upper
75 100
53 111.8 58.2 174.6
89 44.2 20.6 61.8

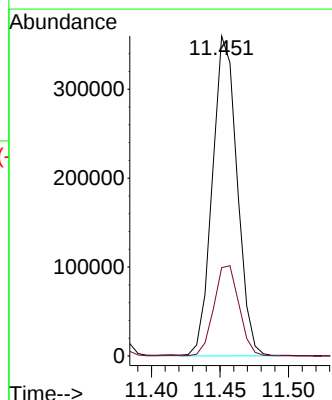
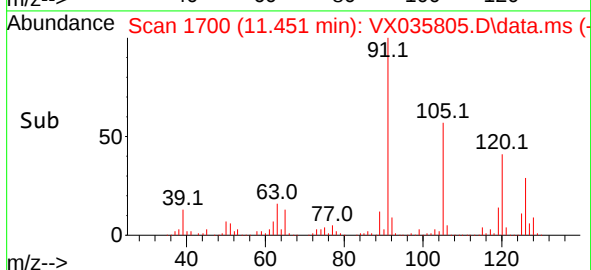
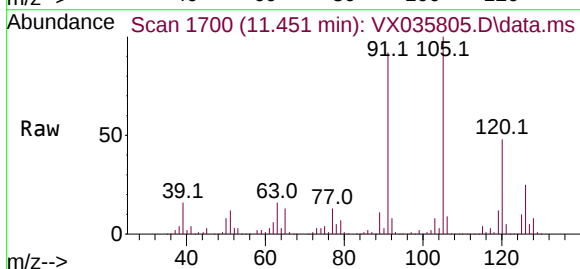
Manual Integrations
APPROVED

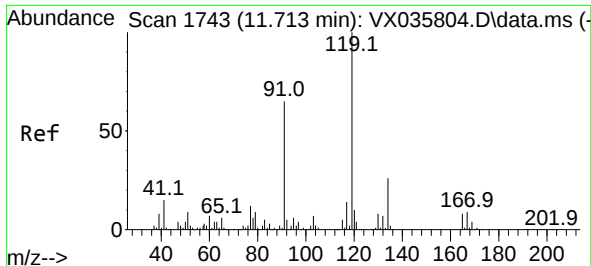
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
4-Chlorotoluene
Concen: 43.394 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

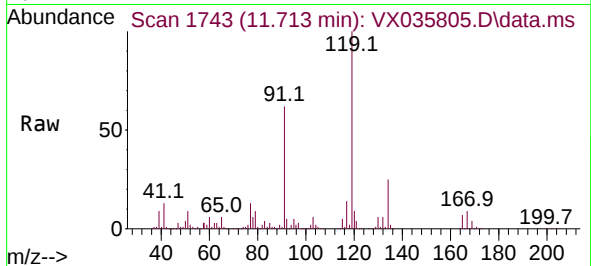
Tgt Ion: 91 Resp: 452504
Ion Ratio Lower Upper
91 100
126 28.8 0.0 56.8





#79
tert-butylbenzene
Concen: 45.925 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

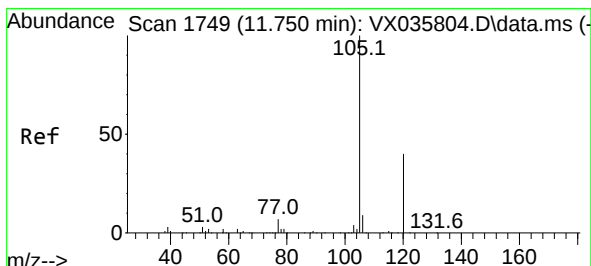
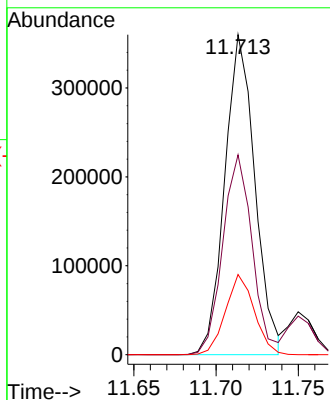
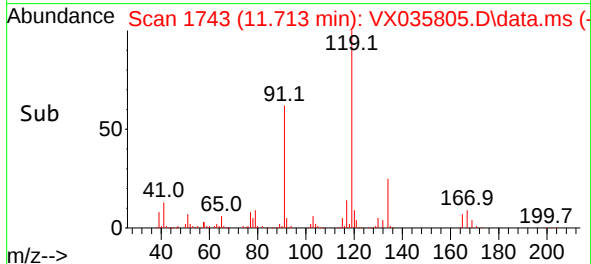
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



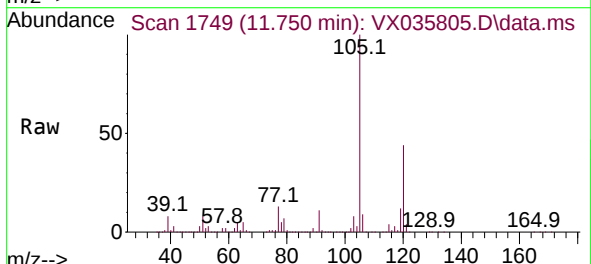
Tgt Ion:119 Resp: 459814
Ion Ratio Lower Upper
119 100
91 61.2 0.0 122.4
134 24.0 0.0 49.2

Manual Integrations
APPROVED

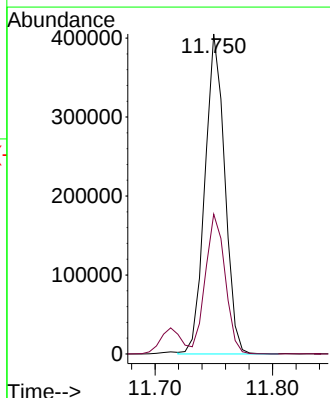
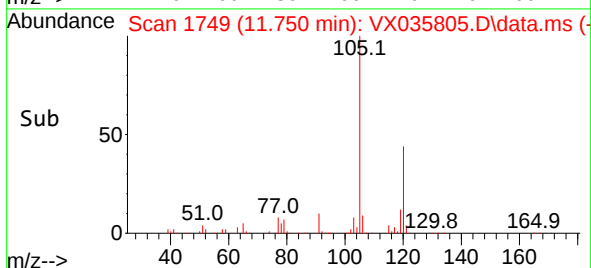
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

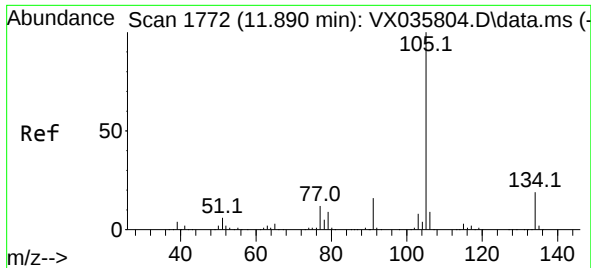


#80
1,2,4-Trimethylbenzene
Concen: 45.227 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



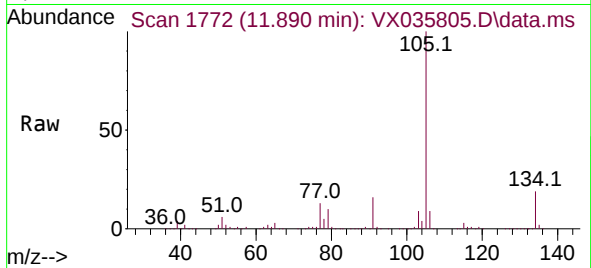
Tgt Ion:105 Resp: 473907
Ion Ratio Lower Upper
105 100
120 43.4 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 48.746 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035805.D
 Acq: 23 May 2023 10:05

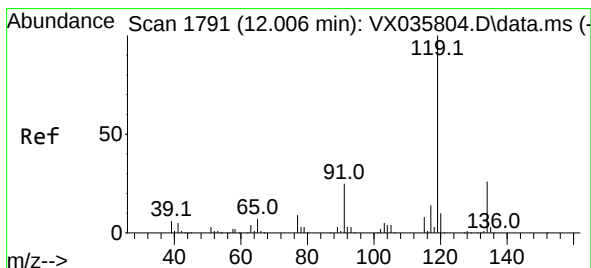
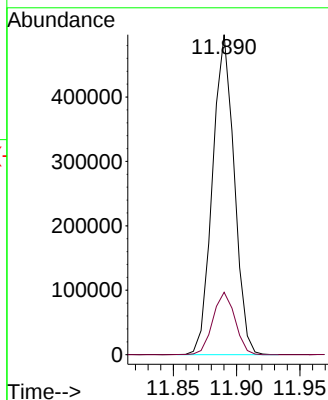
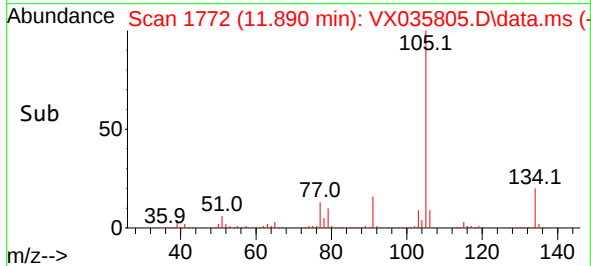
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



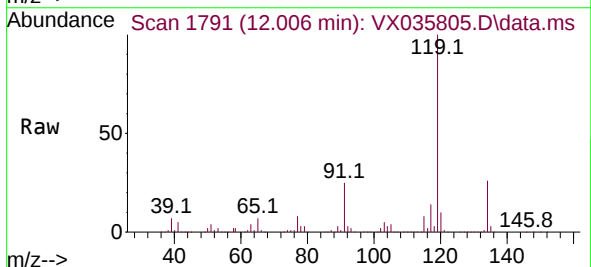
Tgt Ion:105 Resp: 592590
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.2

Manual Integrations
 APPROVED

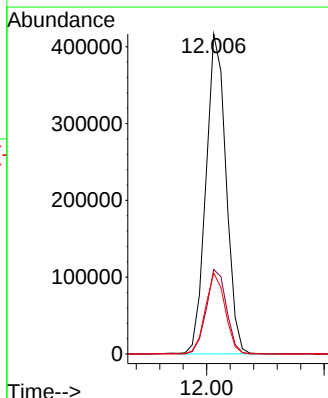
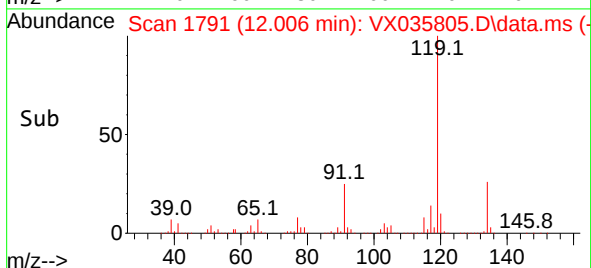
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

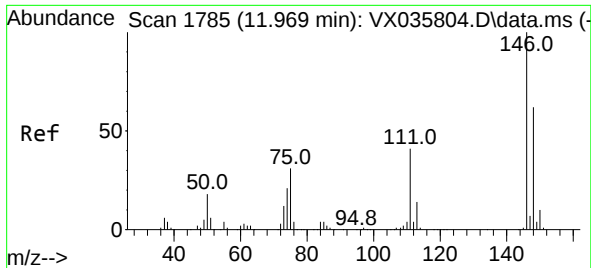


#82
 p-Isopropyltoluene
 Concen: 48.028 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035805.D
 Acq: 23 May 2023 10:05



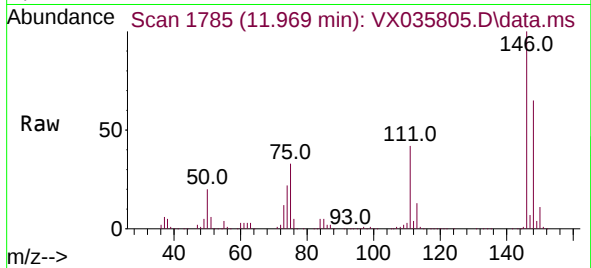
Tgt Ion:119 Resp: 493524
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.2
 91 25.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 43.816 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

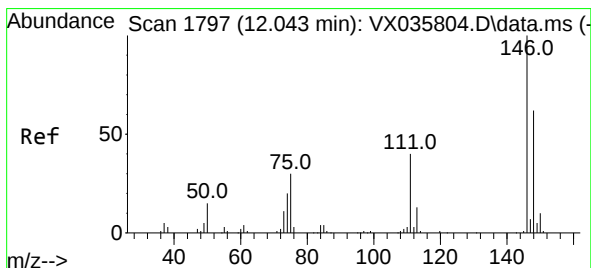
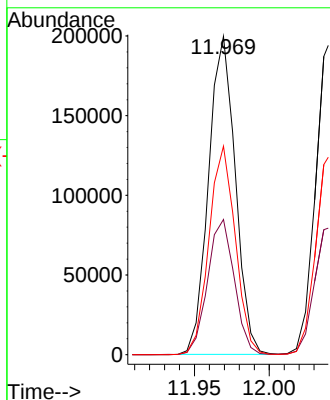
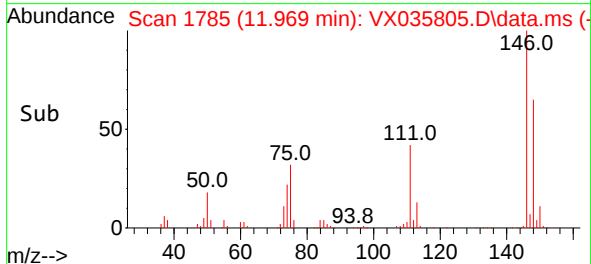
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



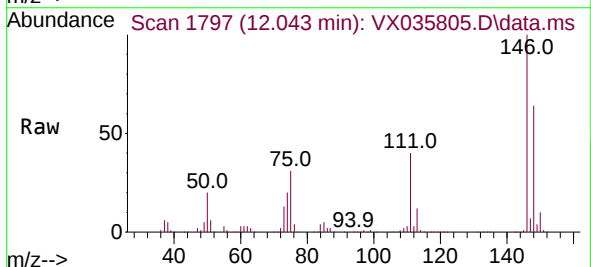
Tgt Ion:146 Resp: 248492
Ion Ratio Lower Upper
146 100
111 42.5 20.6 61.9
148 64.6 31.6 94.7

Manual Integrations
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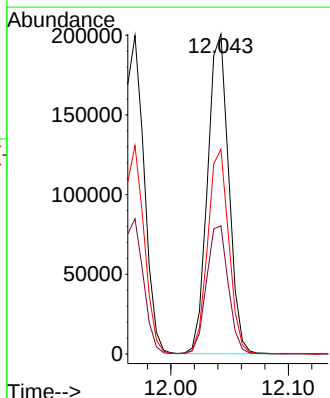
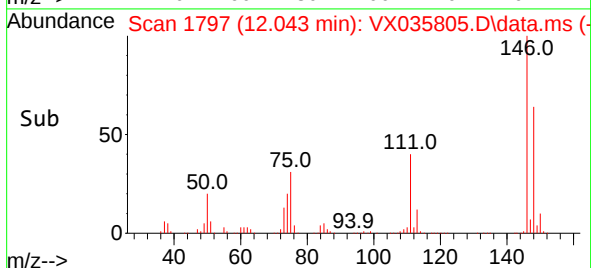
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

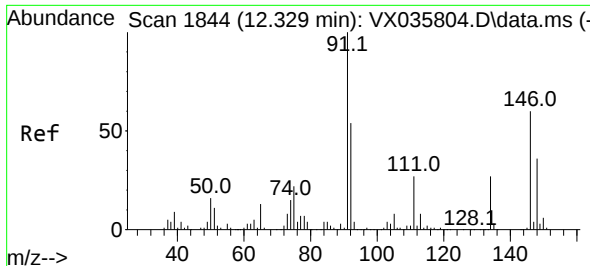


#84
1,4-Dichlorobenzene
Concen: 43.934 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



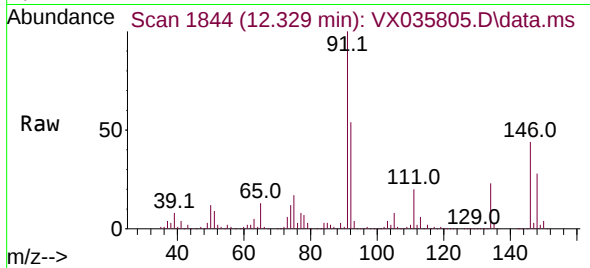
Tgt Ion:146 Resp: 250855
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 63.9 31.8 95.3





#85
n-Butylbenzene
Concen: 50.979 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

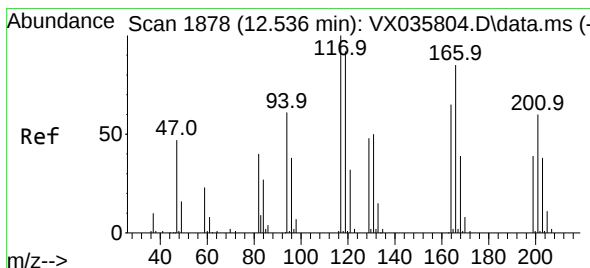
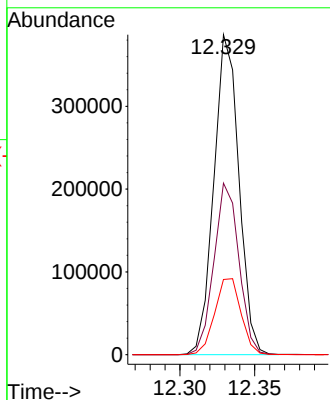
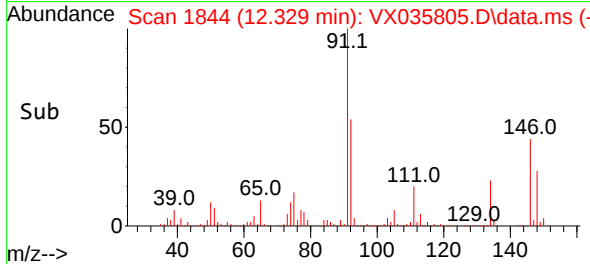
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 45074
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.6
134 25.0 0.0 49.8

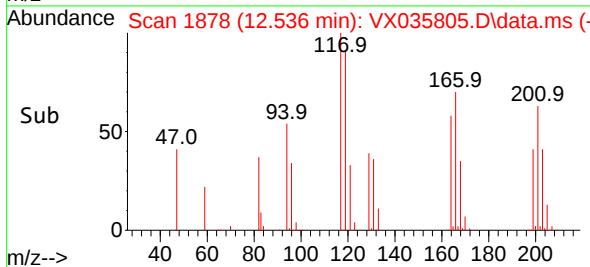
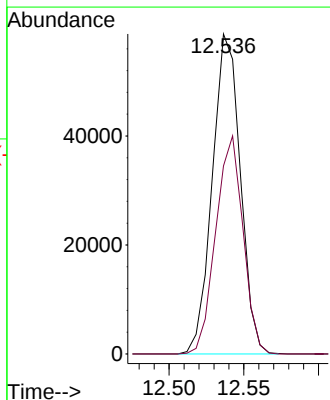
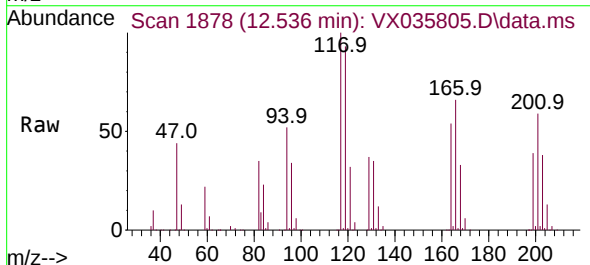
Manual Integrations
APPROVED

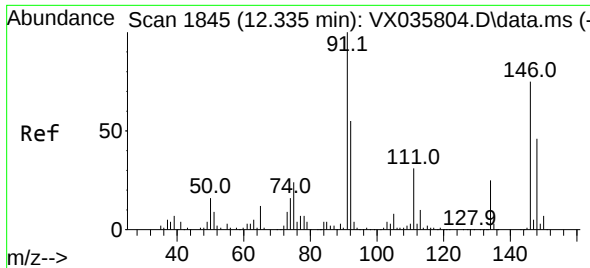
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#86
Hexachloroethane
Concen: 45.558 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

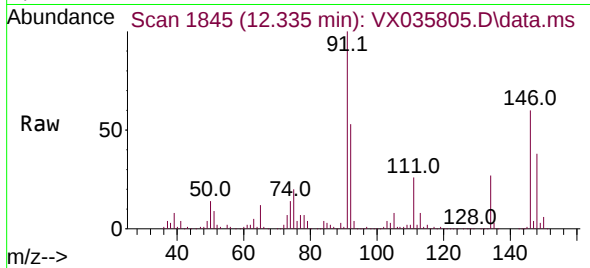
Tgt Ion:117 Resp: 76511
Ion Ratio Lower Upper
117 100
201 66.2 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 44.256 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

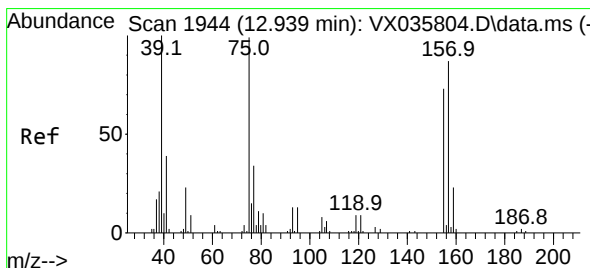
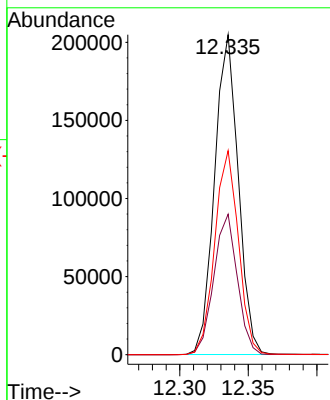
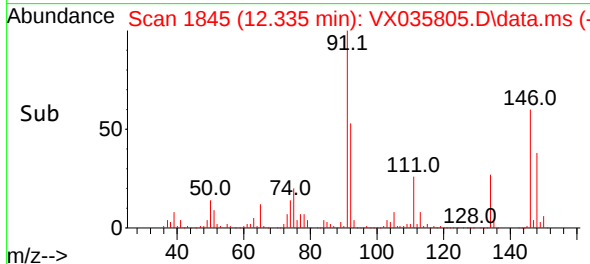
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:146 Resp: 24619
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 64.0 31.7 95.1

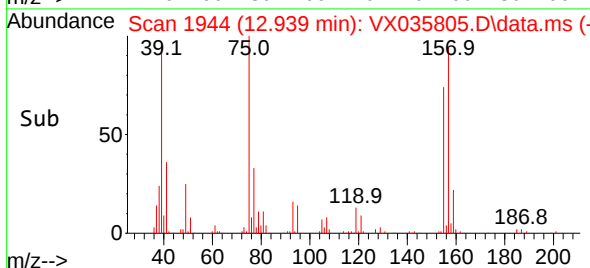
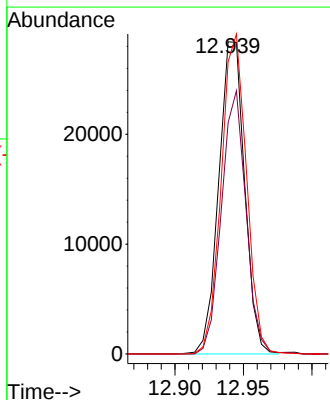
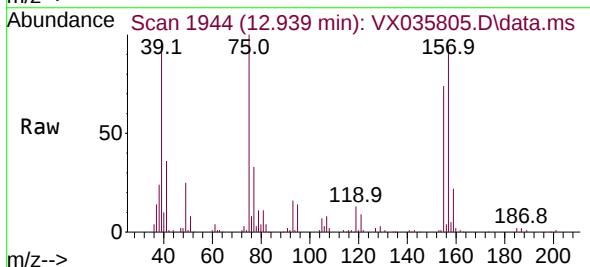
Manual Integrations
APPROVED

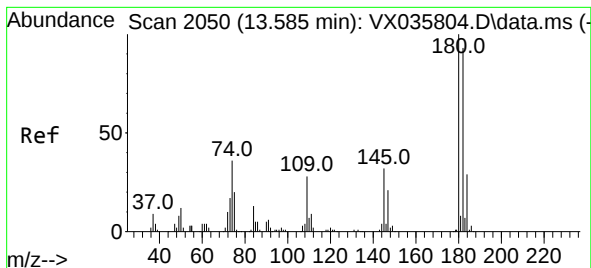
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 41.687 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

Tgt Ion: 75 Resp: 37349
Ion Ratio Lower Upper
75 100
155 79.6 63.7 95.5
157 99.8 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 46.205 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

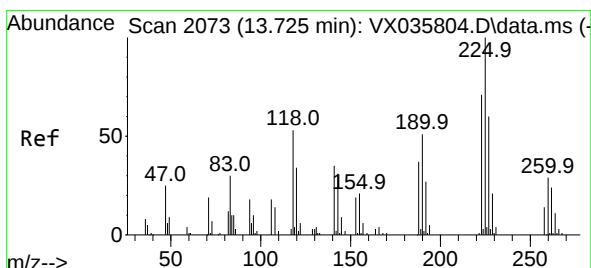
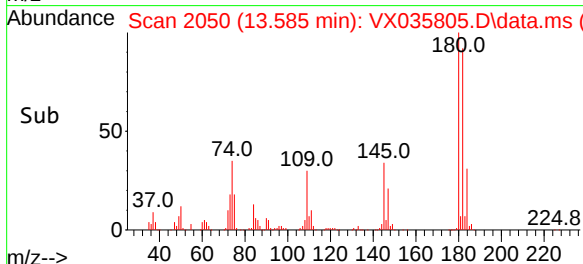
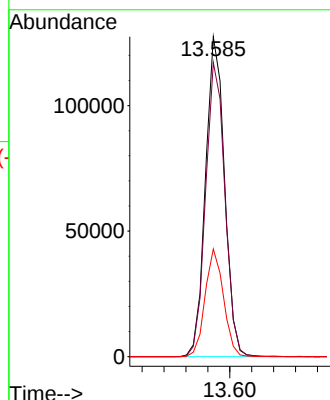
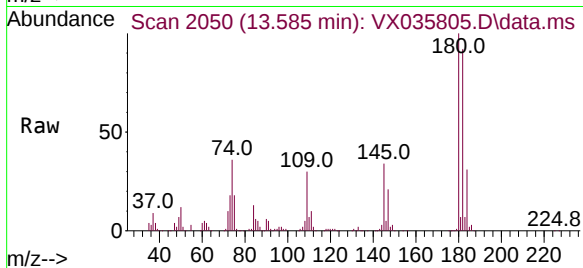
Tgt Ion:180	Resp:	153610
Ion Ratio	Lower	Upper
180	100	
182	92.8	75.8 113.8
145	32.5	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachlorobutadiene

Concen: 49.629 ug/l

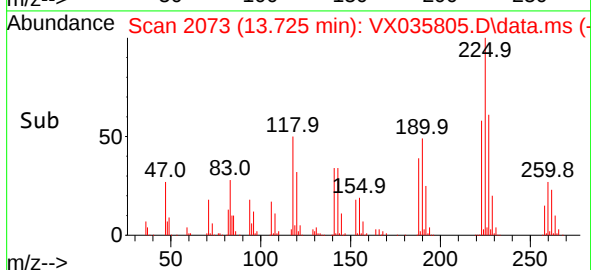
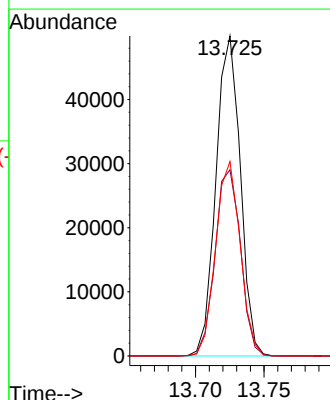
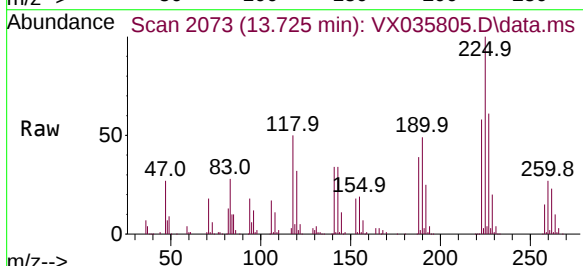
RT: 13.725 min Scan# 2073

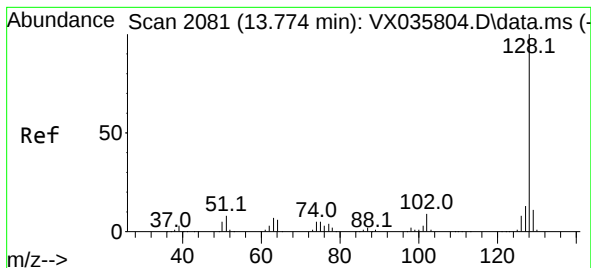
Delta R.T. 0.000 min

Lab File: VX035805.D

Acq: 23 May 2023 10:05

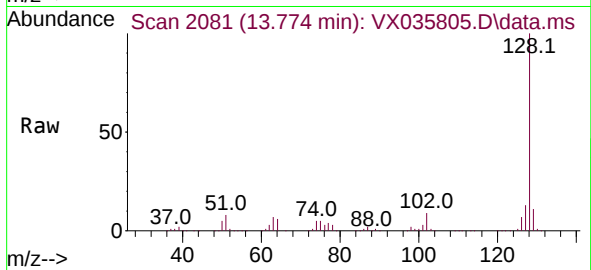
Tgt Ion:225	Resp:	61712
Ion Ratio	Lower	Upper
225	100	
223	60.7	0.0 124.2
227	61.3	0.0 122.8





#91
Naphthalene
Concen: 44.867 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05

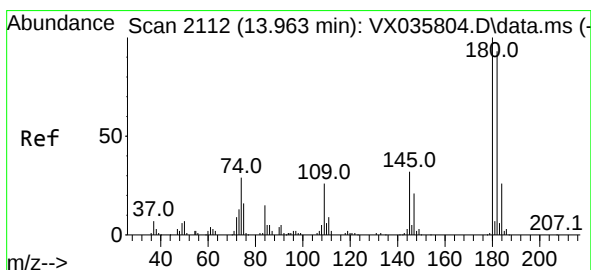
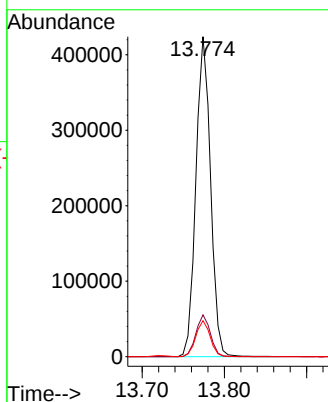
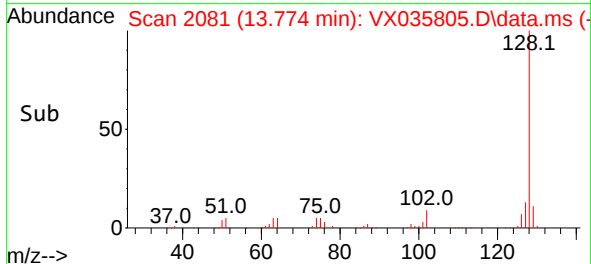
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



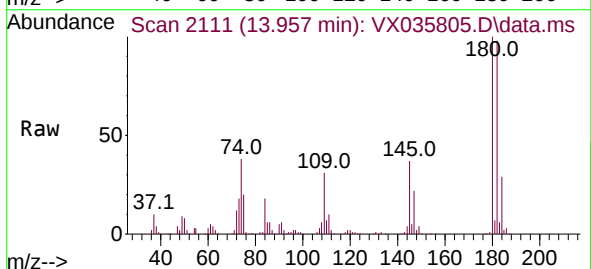
Tgt Ion:128 Resp: 52391
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 45.231 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035805.D
Acq: 23 May 2023 10:05



Tgt Ion:180 Resp: 149636
Ion Ratio Lower Upper
180 100
182 96.2 0.0 191.0
145 35.2 0.0 66.8

