

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037060.D
 Acq On : 17 Aug 2023 14:46
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 06:05:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	297852	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41535	16.758	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	33.520%#		
35) Dibromofluoromethane	5.385	113	32559	16.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.020%#		
50) Toluene-d8	8.647	98	120141	16.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	33.580%#		
62) 4-Bromofluorobenzene	11.079	95	46288	16.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.920%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	46267	23.168	ug/l	97
3) Chloromethane	1.301	50	36052	20.636	ug/l	94
4) Vinyl Chloride	1.374	62	40317	21.201	ug/l	99
5) Bromomethane	1.599	94	21984	23.208	ug/l	99
6) Chloroethane	1.679	64	25190	22.510	ug/l	100
7) Trichlorofluoromethane	1.886	101	70096	22.502	ug/l	99
8) Diethyl Ether	2.136	74	24341	20.197	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	38596	21.238	ug/l	96
10) Methyl Iodide	2.453	142	45556	20.626	ug/l	96
11) Tert butyl alcohol	2.965	59	59260	101.929	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	37215	21.029	ug/l	85
13) Acrolein	2.240	56	41846	94.613	ug/l	99
14) Allyl chloride	2.666	41	57647	21.046	ug/l #	94
15) Acrylonitrile	3.063	53	106424	102.557	ug/l	99
16) Acetone	2.380	43	99306	102.420	ug/l	92
17) Carbon Disulfide	2.508	76	91589	20.347	ug/l	98
18) Methyl Acetate	2.703	43	75102	20.572	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	138341	20.612	ug/l	98
20) Methylene Chloride	2.788	84	41084	18.948	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	41546	20.652	ug/l	88
22) Diisopropyl ether	3.764	45	116269	20.685	ug/l #	87
23) Vinyl Acetate	3.721	43	453075	105.187	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	73192	20.765	ug/l	97
25) 2-Butanone	4.556	43	150845	103.324	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	65987	20.962	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49243	20.763	ug/l	90
28) Bromochloromethane	4.898	49	31091	19.745	ug/l #	78
29) Tetrahydrofuran	5.007	42	96065	103.181	ug/l #	84
30) Chloroform	5.093	83	81049	20.484	ug/l	99
31) Cyclohexane	5.471	56	59867	21.482	ug/l #	81
32) 1,1,1-Trichloroethane	5.385	97	74485	21.007	ug/l	97
36) 1,1-Dichloropropene	5.690	75	58023	20.704	ug/l	98
37) Ethyl Acetate	4.715	43	57485	20.080	ug/l #	93
38) Carbon Tetrachloride	5.678	117	63769	20.947	ug/l	99
39) Methylcyclohexane	7.385	83	62985	21.391	ug/l	89
40) Benzene	6.038	78	167610	20.853	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30907	20.768	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	65165	20.674	ug/l	96
43) Isopropyl Acetate	6.342	43	94573	20.808	ug/l #	92
44) Trichloroethene	7.123	130	46815	20.541	ug/l	93
45) 1,2-Dichloropropane	7.434	63	41343	20.861	ug/l	97
46) Dibromomethane	7.586	93	31558	20.213	ug/l	93
47) Bromodichloromethane	7.824	83	60945	20.380	ug/l	96
48) Methyl methacrylate	7.696	41	45672	20.605	ug/l #	87
49) 1,4-Dioxane	7.659	88	24136	404.322	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	293917	106.496	ug/l	93
52) Toluene	8.720	92	110221	20.755	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	65694	20.632	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	70775	20.569	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	44695	20.668	ug/l	97
56) Ethyl methacrylate	9.116	69	70106	20.697	ug/l	89
57) 1,3-Dichloropropane	9.311	76	74694	20.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	165000	101.507	ug/l	93
59) 2-Hexanone	9.433	43	222005	105.499	ug/l	91
60) Dibromochloromethane	9.519	129	47069	20.444	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49371	20.852	ug/l	98
64) Tetrachloroethene	9.275	164	40987	20.915	ug/l	97
65) Chlorobenzene	10.080	112	118145	20.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44406	21.191	ug/l	99
67) Ethyl Benzene	10.195	91	208637	20.884	ug/l	99
68) m/p-Xylenes	10.299	106	159797	41.419	ug/l	100
69) o-Xylene	10.640	106	79097	20.780	ug/l	100
70) Styrene	10.653	104	130314	20.784	ug/l	98
71) Bromoform	10.799	173	32642	20.825	ug/l #	99
73) Isopropylbenzene	10.964	105	203612	21.822	ug/l	98
74) N-amyl acetate	10.842	43	78818	21.740	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	65573	20.868	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	56437m	20.644	ug/l	
77) Bromobenzene	11.195	156	48024	21.074	ug/l	94
78) n-propylbenzene	11.305	91	227389	21.886	ug/l	100
79) 2-Chlorotoluene	11.366	91	141475	21.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	170847	21.950	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19502	19.924	ug/l	90
82) 4-Chlorotoluene	11.451	91	163264	21.302	ug/l	98
83) tert-Butylbenzene	11.713	119	159549	21.494	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	168728	21.449	ug/l	97
85) sec-Butylbenzene	11.890	105	190191	21.936	ug/l	98
86) p-Isopropyltoluene	12.006	119	162994	21.838	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	88362	20.711	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	89964	20.758	ug/l	99
89) n-Butylbenzene	12.329	91	132866	21.471	ug/l	98
90) Hexachloroethane	12.536	117	26382	21.177	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	86096	20.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14774	20.234	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	49623	20.300	ug/l	96
94) Hexachlorobutadiene	13.725	225	19293	20.430	ug/l	97
95) Naphthalene	13.774	128	203523	19.007	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49489	20.377	ug/l	99

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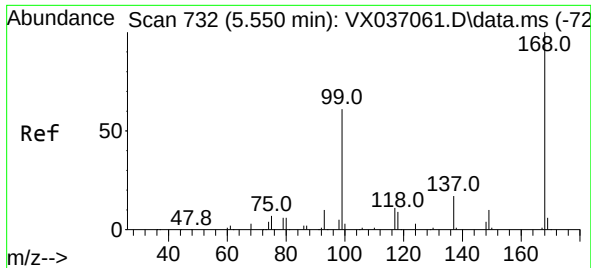
Manual Integrations
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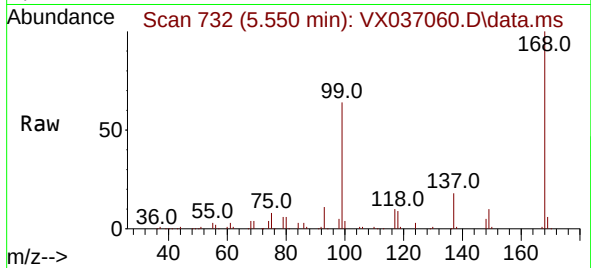
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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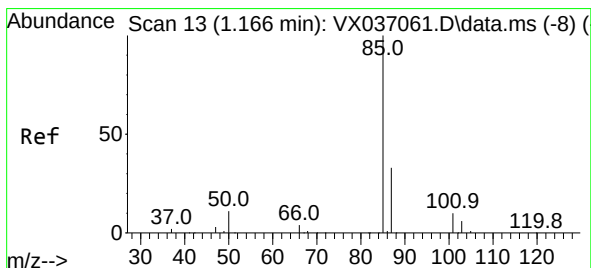
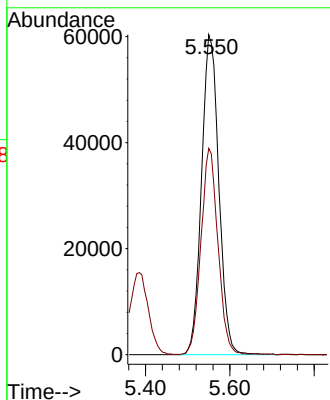
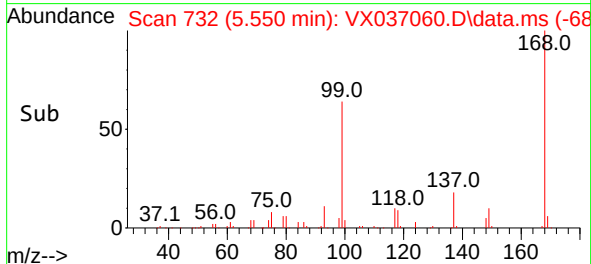
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 171914
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0

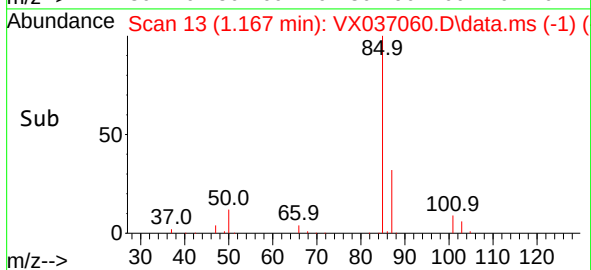
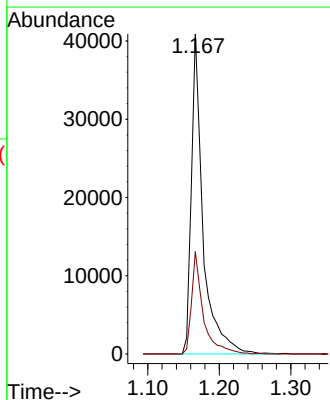
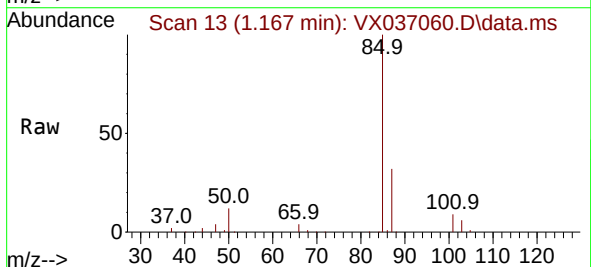
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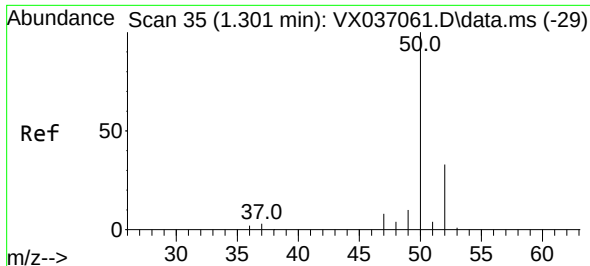
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 23.168 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 85 Resp: 46267
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





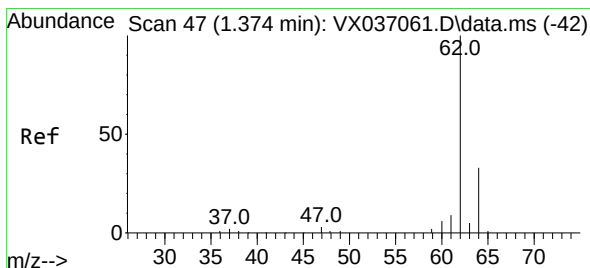
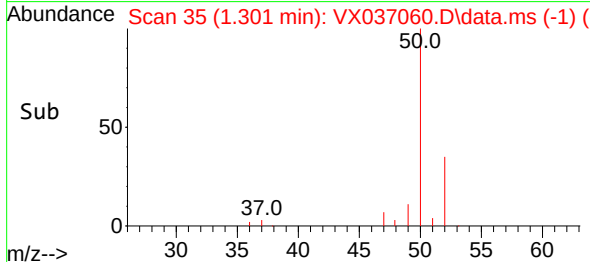
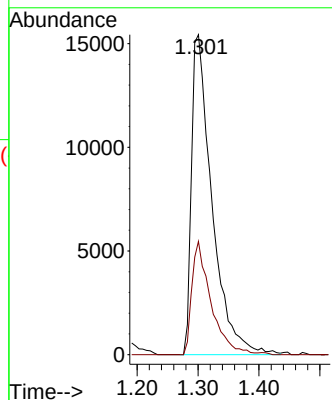
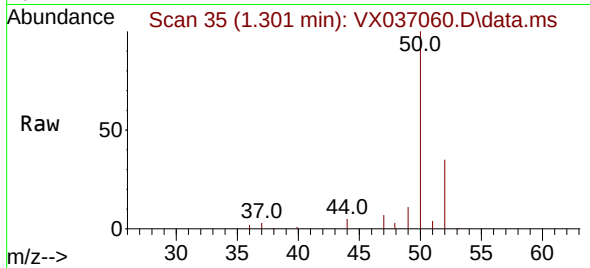
#3
Chloromethane
Concen: 20.636 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 36052
Ion Ratio Lower Upper
50 100
52 35.4 25.5 38.3

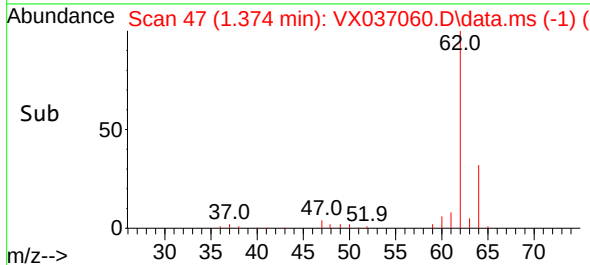
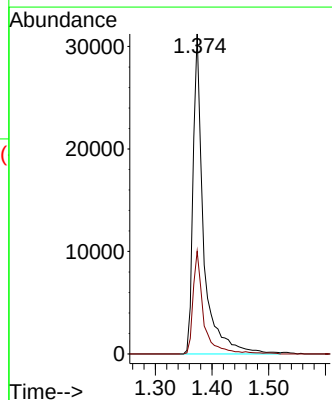
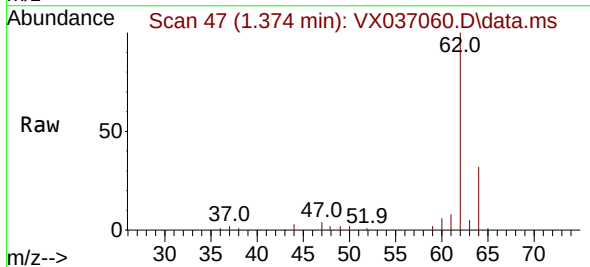
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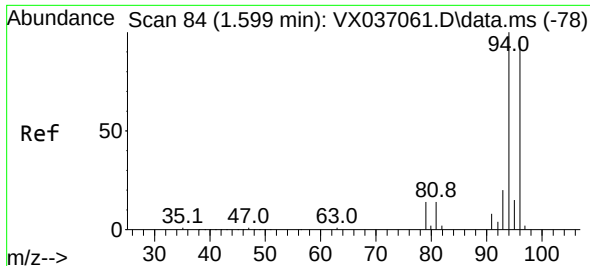
Reviewed By :John Carlone 08/18/2023
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#4
Vinyl Chloride
Concen: 21.201 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

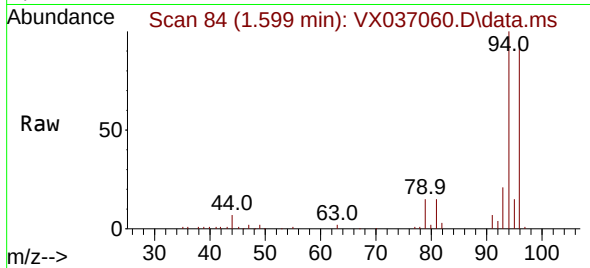
Tgt Ion: 62 Resp: 40317
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 23.208 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

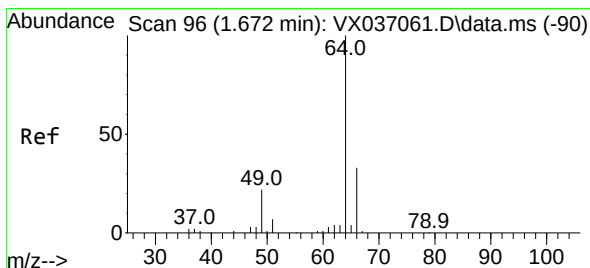
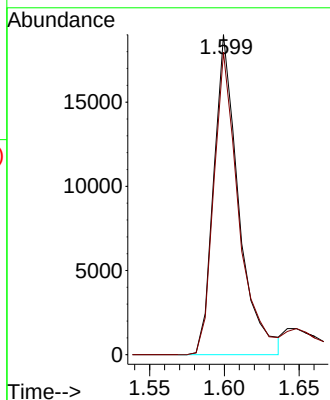
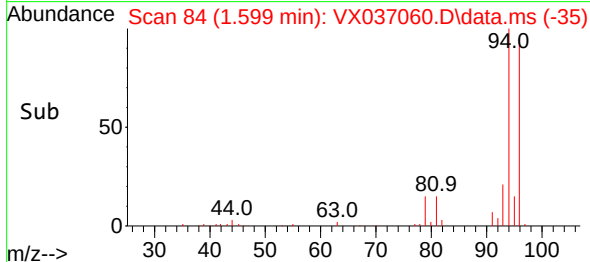
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 21984
Ion Ratio Lower Upper
94 100
96 94.6 74.6 111.8

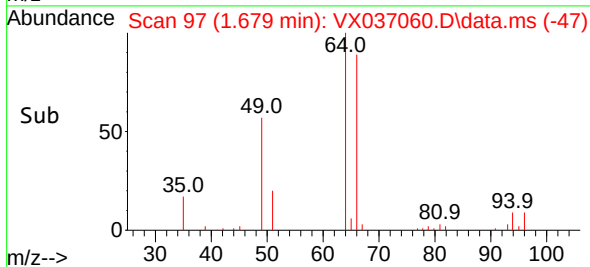
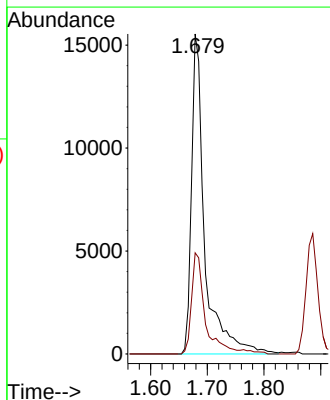
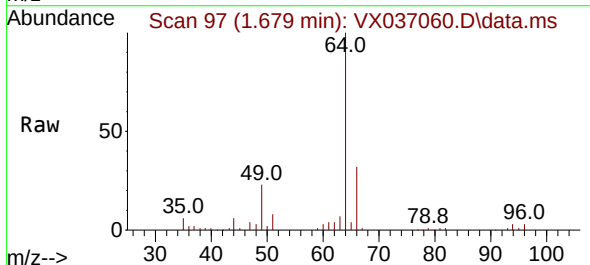
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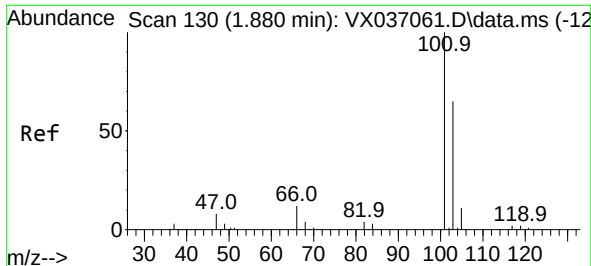
Reviewed By :John Carlone 08/18/2023
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#6
Chloroethane
Concen: 22.510 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.007 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 64 Resp: 25190
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





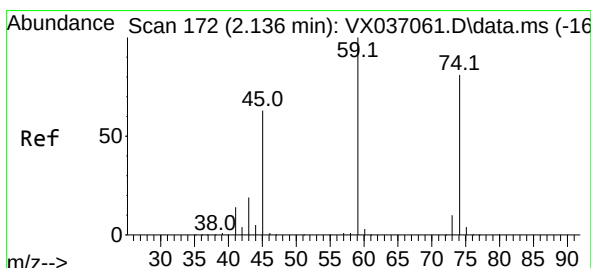
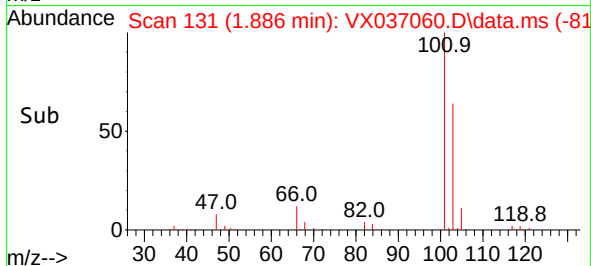
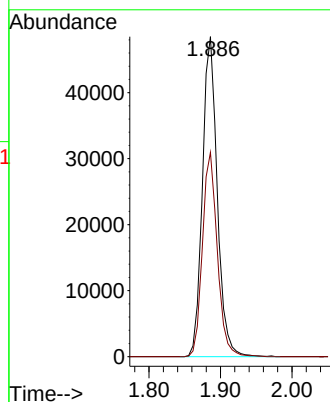
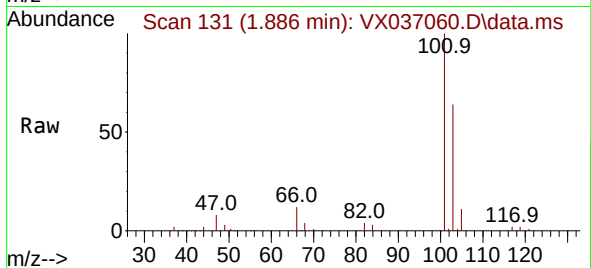
#7
Trichlorofluoromethane
Concen: 22.502 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 70090
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

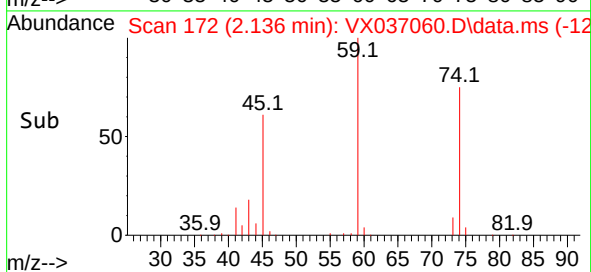
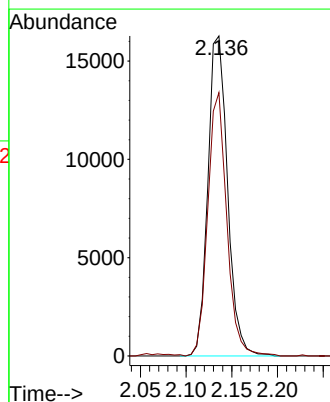
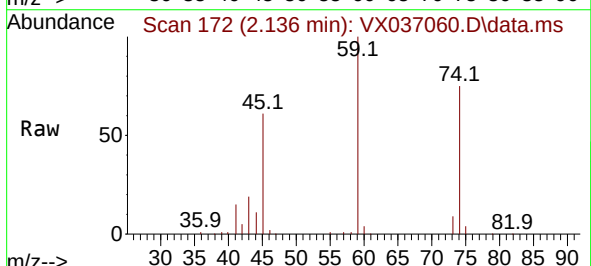
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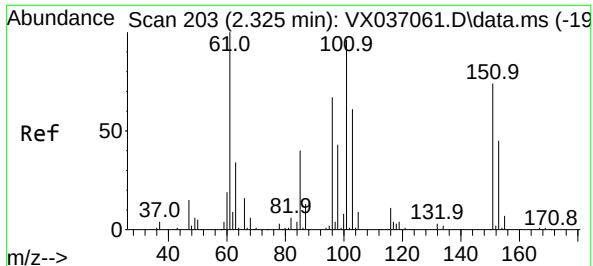
Reviewed By :John Carlone 08/18/2023
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#8
Diethyl Ether
Concen: 20.197 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 24341
Ion Ratio Lower Upper
74 100
45 79.9 53.3 159.8





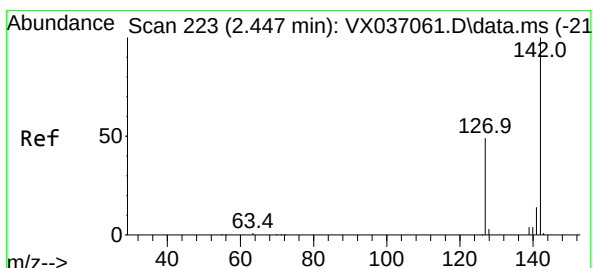
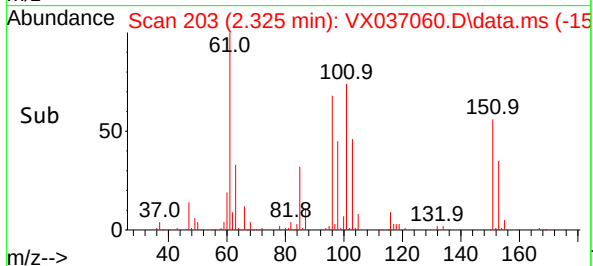
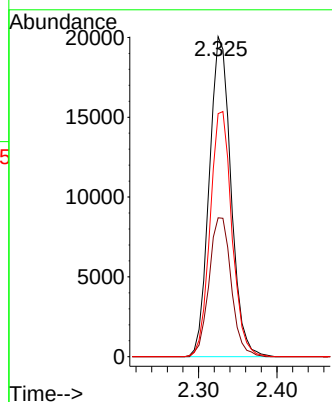
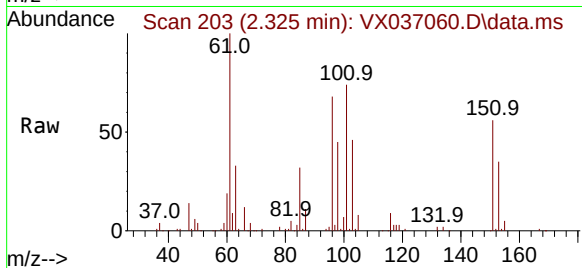
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.238 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037060.D
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VSTDIC020

Tgt Ion:101 Resp: 38590
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 76.9 58.6 87.8

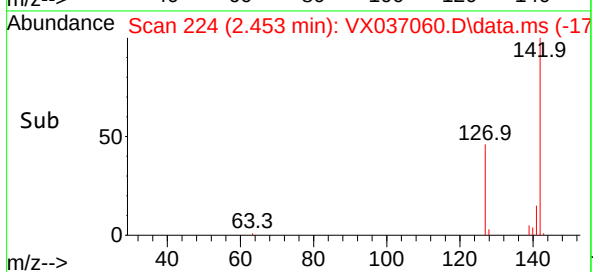
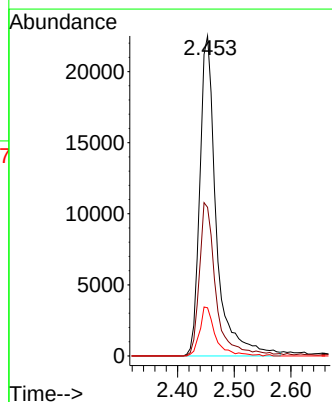
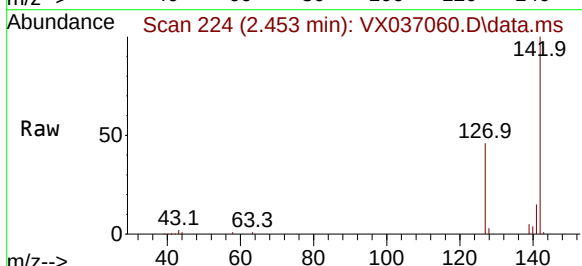
Manual Integrations
APPROVED

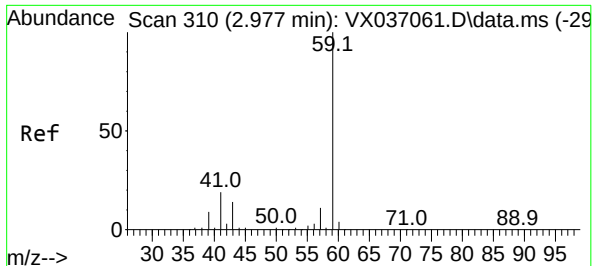
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#10
Methyl Iodide
Concen: 20.626 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion:142 Resp: 45556
Ion Ratio Lower Upper
142 100
127 48.5 41.6 62.4
141 14.7 11.6 17.4





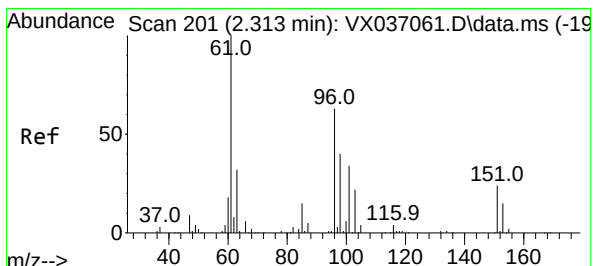
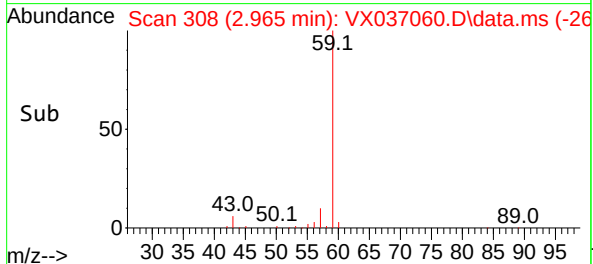
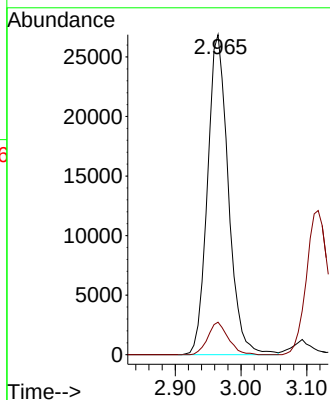
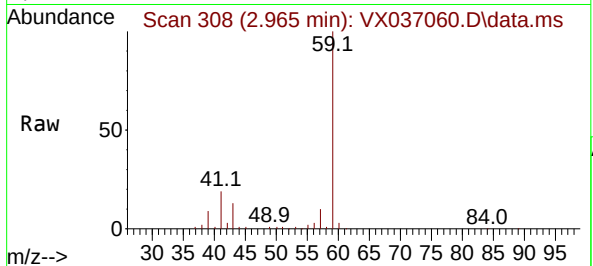
#11
Tert butyl alcohol
Concen: 101.929 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 59260
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

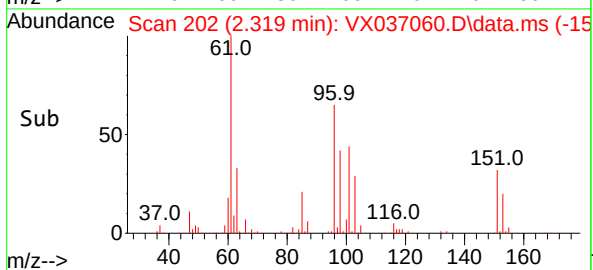
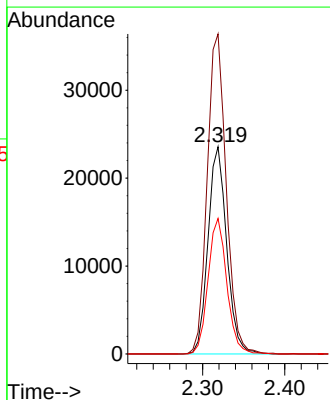
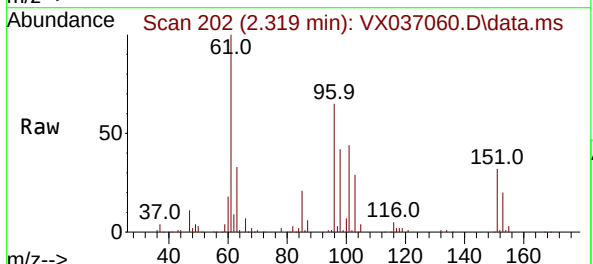
Manual Integrations
APPROVED

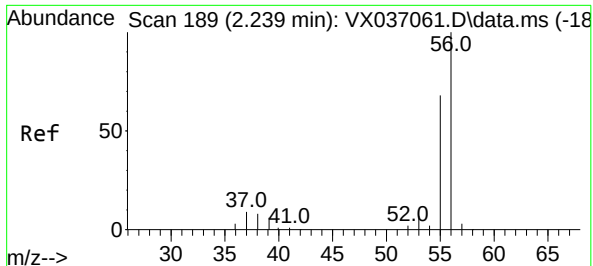
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#12
1,1-Dichloroethene
Concen: 21.029 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

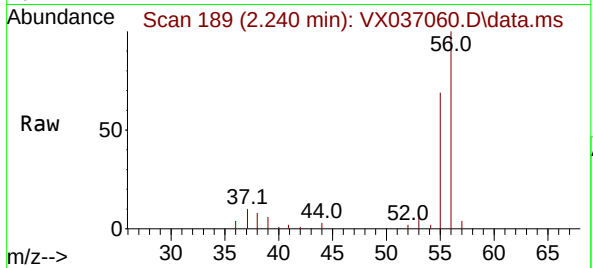
Tgt Ion: 96 Resp: 37215
Ion Ratio Lower Upper
96 100
61 154.4 144.6 216.8
98 65.4 50.4 75.6





#13
Acrolein
Concen: 94.613 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

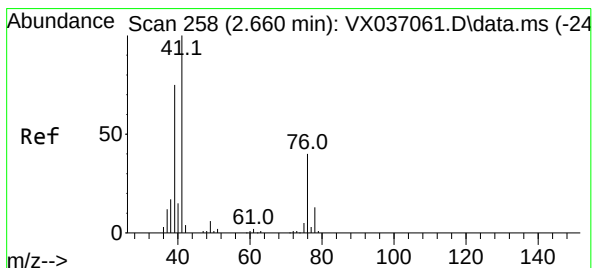
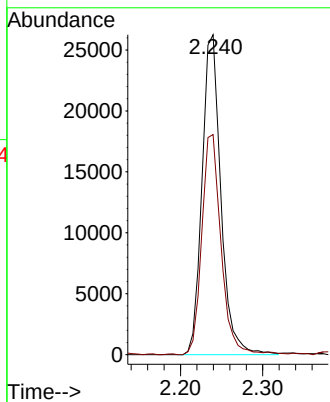
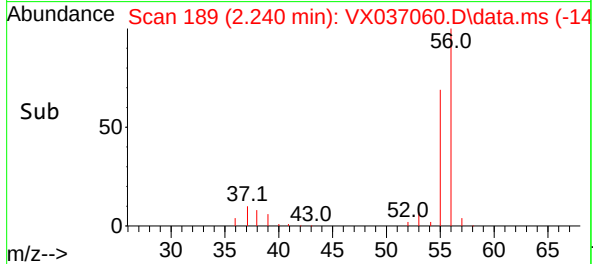
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 41840
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

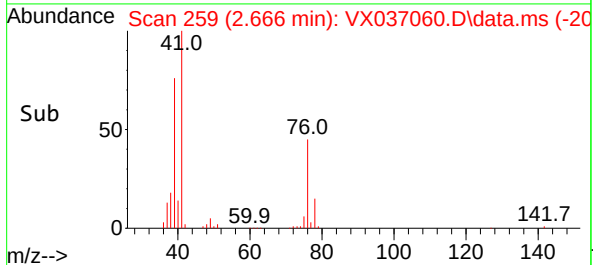
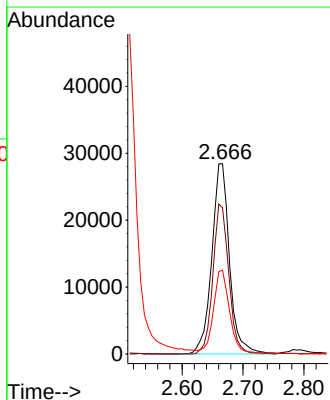
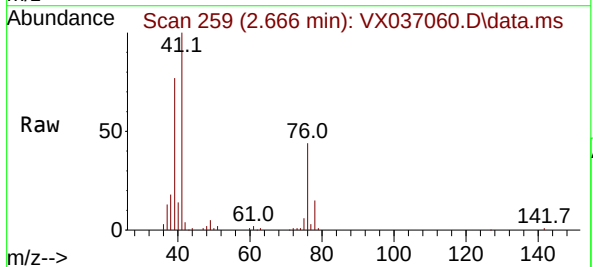
Manual Integrations
APPROVED

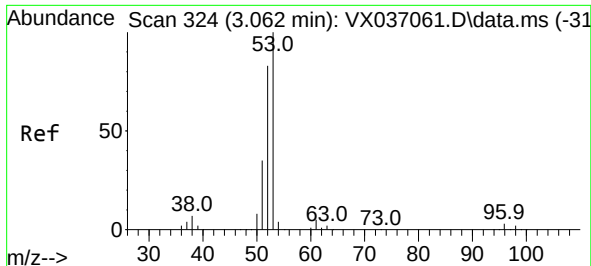
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#14
Allyl chloride
Concen: 21.046 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

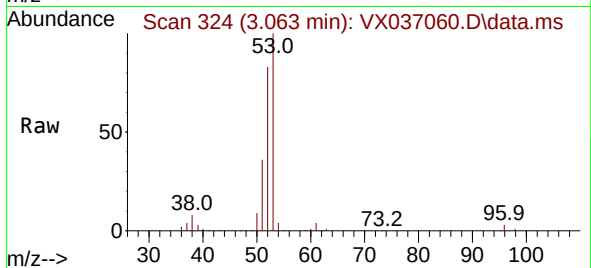
Tgt Ion: 41 Resp: 57647
Ion Ratio Lower Upper
41 100
39 70.5 55.8 83.6
76 39.8 24.3 36.5





#15
Acrylonitrile
Concen: 102.557 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

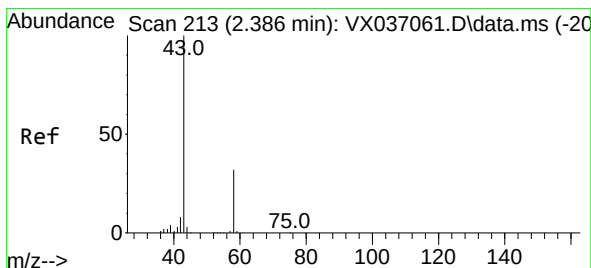
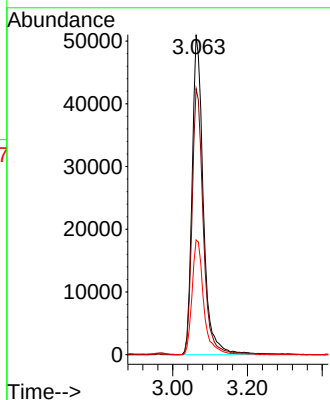
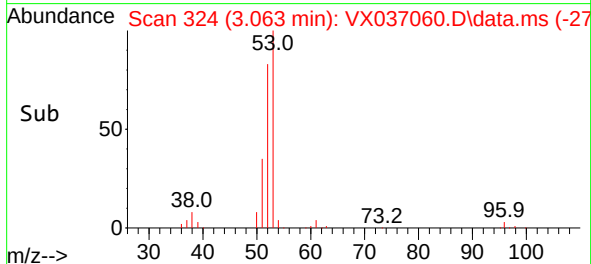
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 106424
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 37.5 29.8 44.6

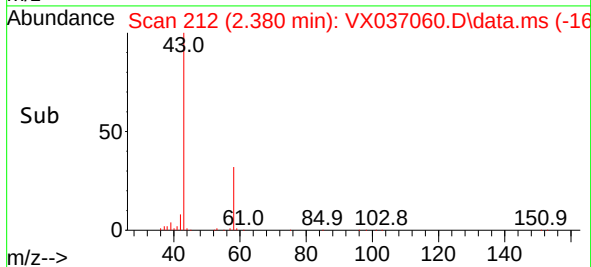
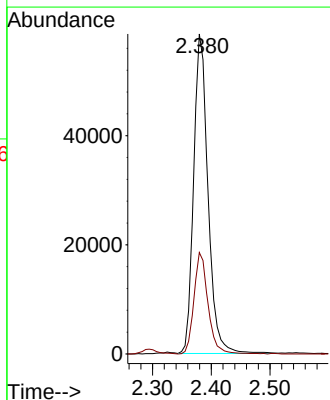
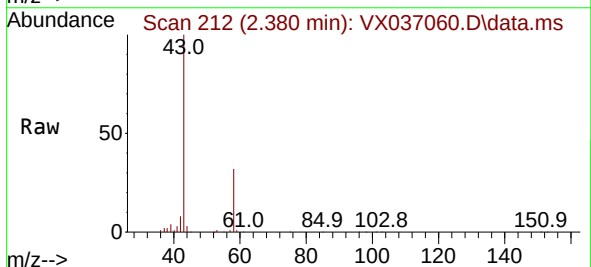
Manual Integrations
APPROVED

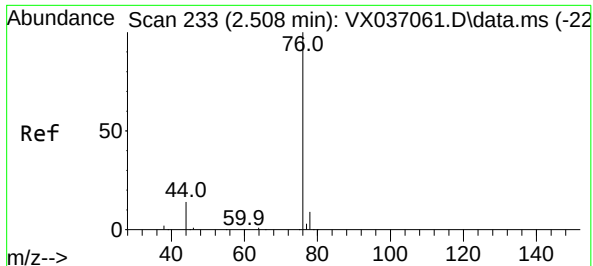
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#16
Acetone
Concen: 102.420 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 43 Resp: 99306
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#17

Carbon Disulfide

Concen: 20.347 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 91589

Ion Ratio Lower Upper

76 100

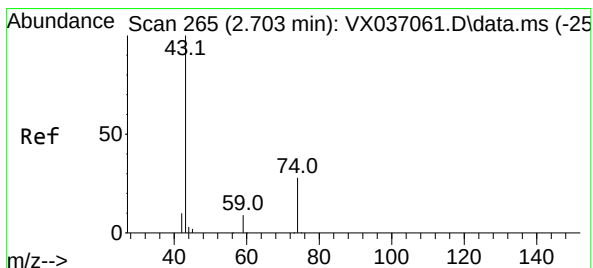
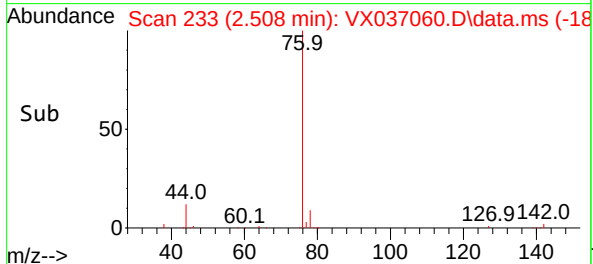
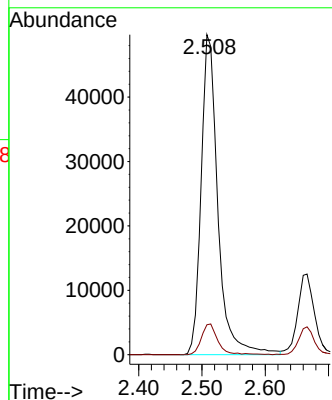
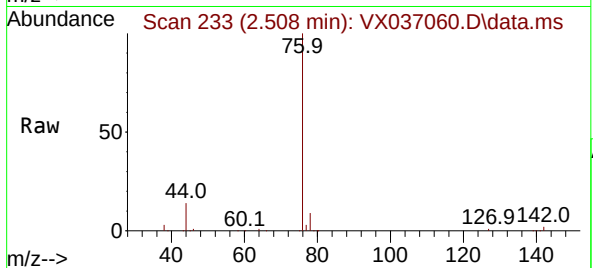
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#18

Methyl Acetate

Concen: 20.572 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037060.D

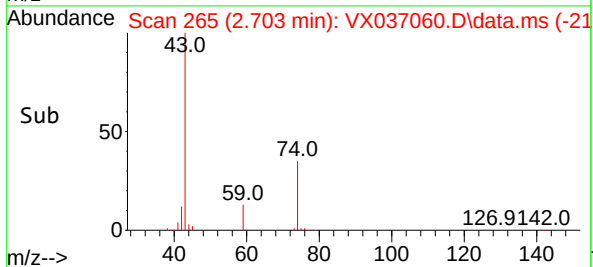
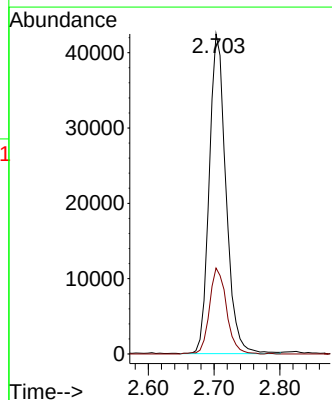
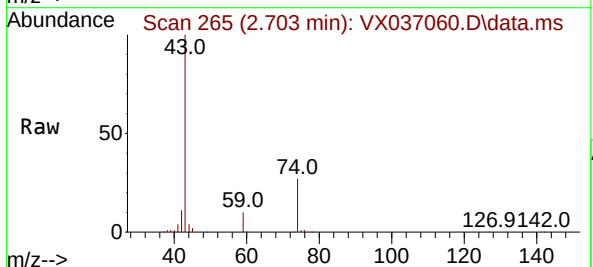
Acq: 17 Aug 2023 14:46

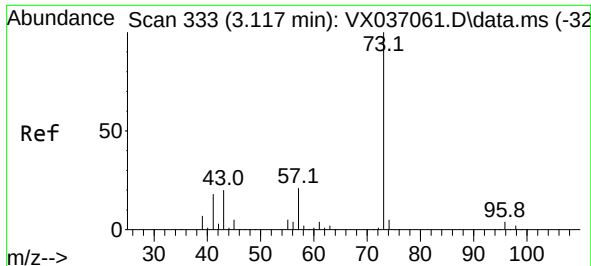
Tgt Ion: 43 Resp: 75102

Ion Ratio Lower Upper

43 100

74 27.5 17.8 26.8#





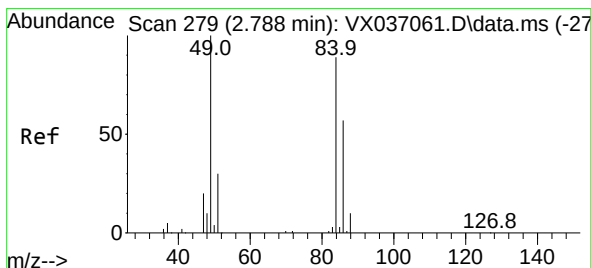
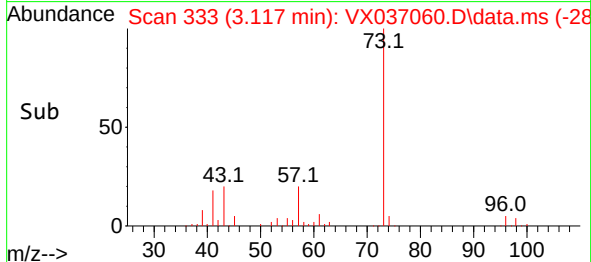
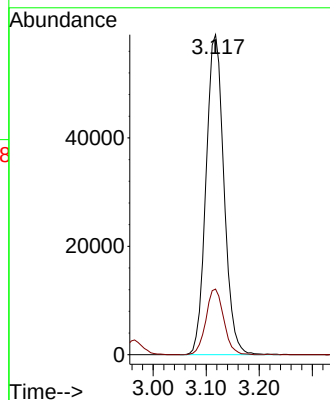
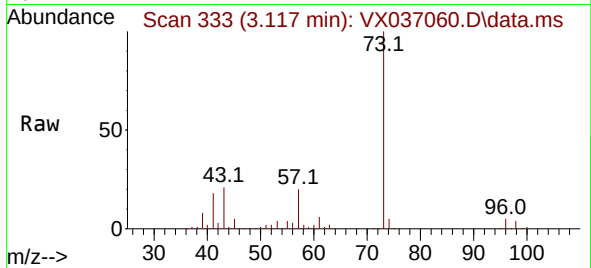
#19
Methyl tert-butyl Ether
Concen: 20.612 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 13834
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

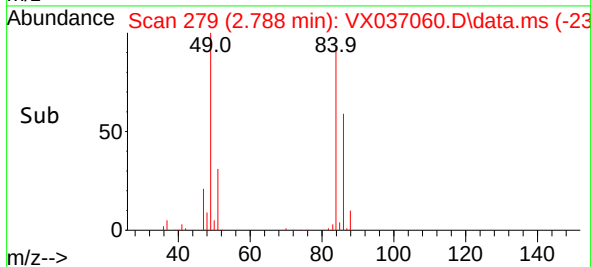
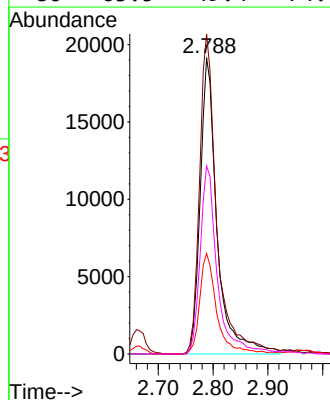
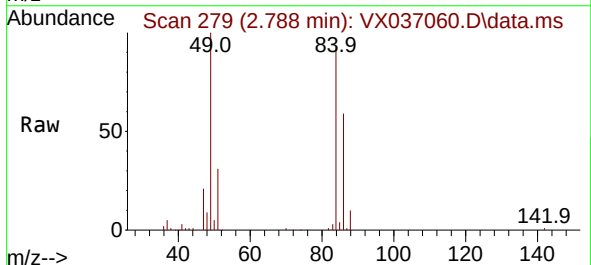
Manual Integrations
APPROVED

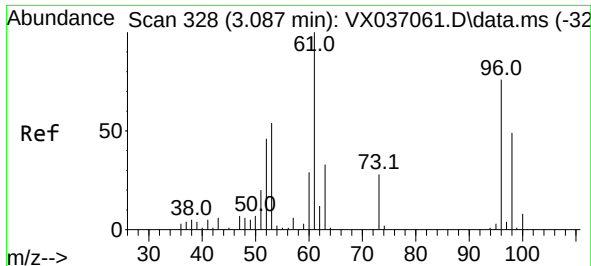
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#20
Methylene Chloride
Concen: 18.948 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

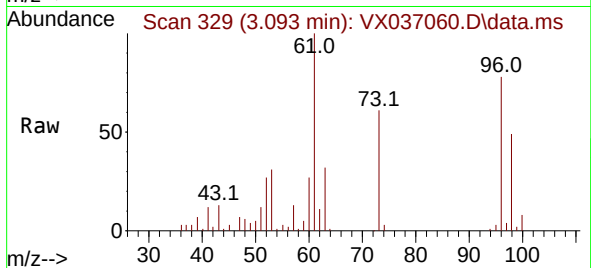
Tgt Ion: 84 Resp: 41084
Ion Ratio Lower Upper
84 100
49 108.0 103.6 155.4
51 33.9 33.8 50.6
86 63.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.652 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

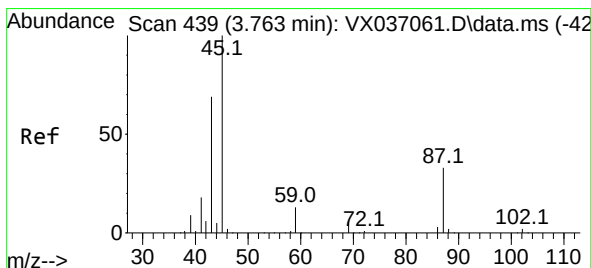
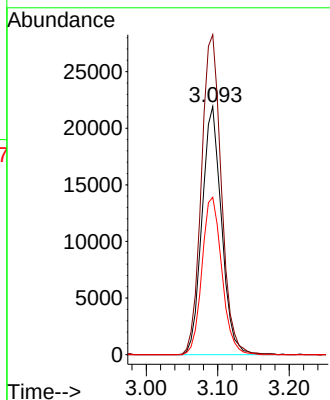
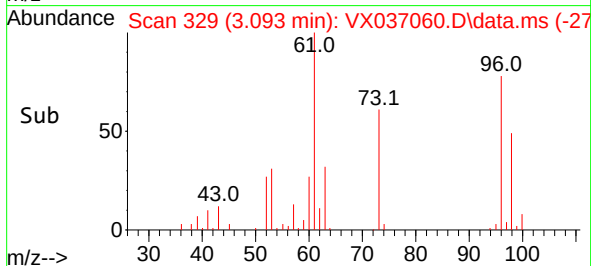
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



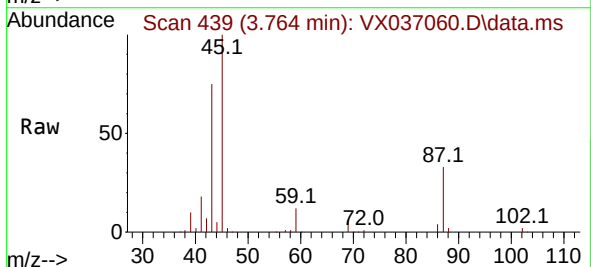
Tgt Ion: 96 Resp: 41540
Ion Ratio Lower Upper
96 100
61 128.9 119.2 178.8
98 63.4 48.7 73.1

Manual Integrations
APPROVED

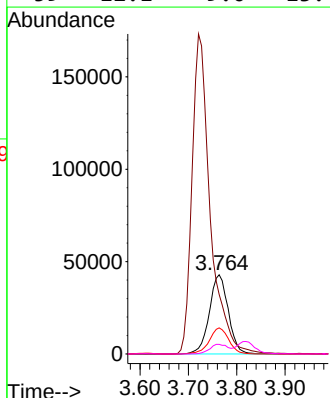
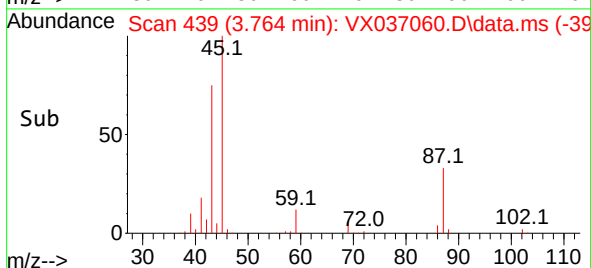
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

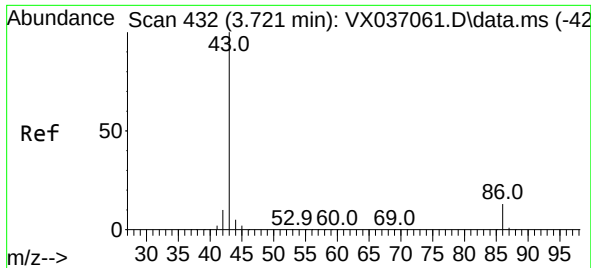


#22
Diisopropyl ether
Concen: 20.685 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46



Tgt Ion: 45 Resp: 116269
Ion Ratio Lower Upper
45 100
43 74.3 69.7 104.5
87 33.0 20.8 31.2#
59 12.1 9.0 13.4





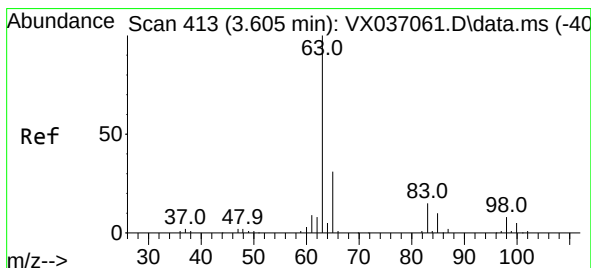
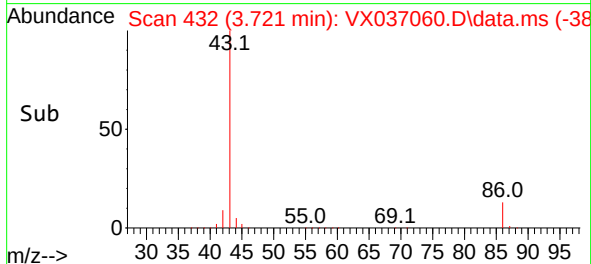
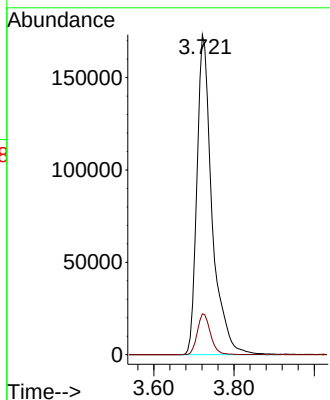
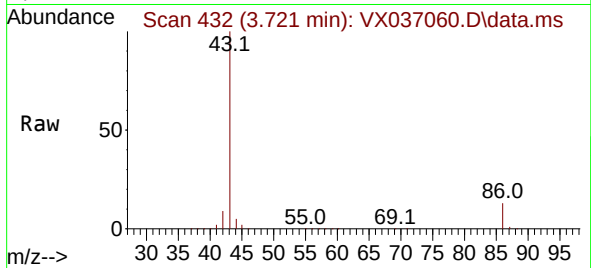
#23
 Vinyl Acetate
 Concen: 105.187 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037060.D
 Acq: 17 Aug 2023 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 453075
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.8 11.8

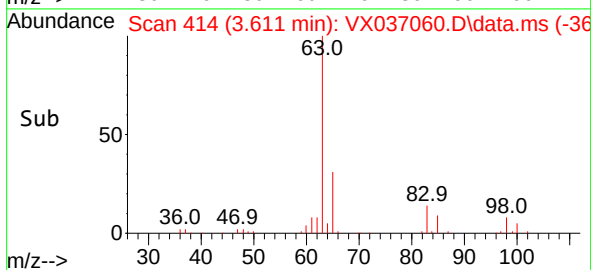
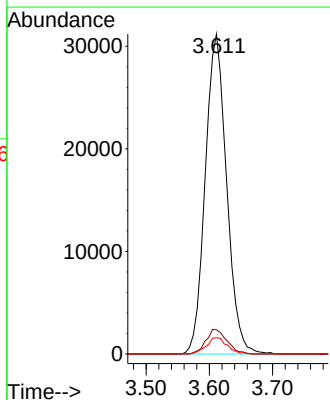
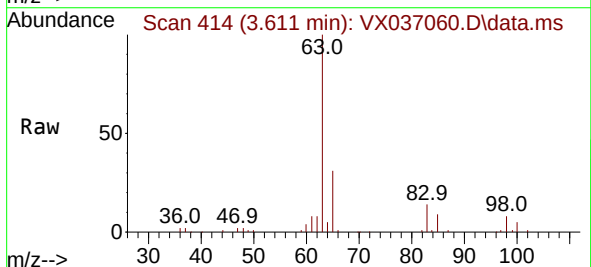
Manual Integrations
 APPROVED

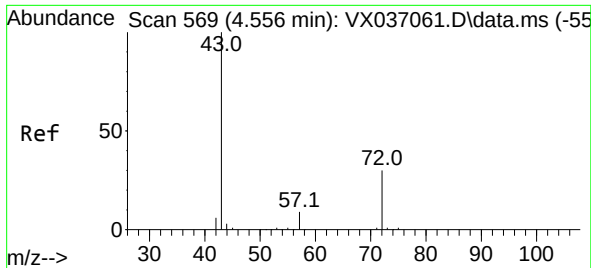
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#24
 1,1-Dichloroethane
 Concen: 20.765 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037060.D
 Acq: 17 Aug 2023 14:46

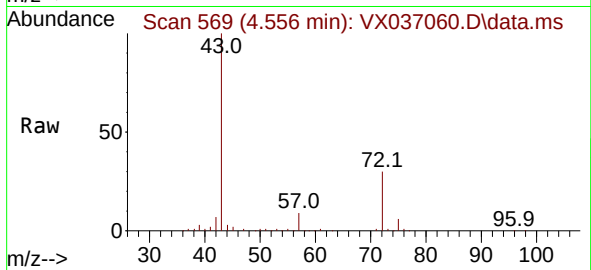
Tgt Ion: 63 Resp: 73192
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 5.1 2.1 6.5





#25
2-Butanone
Concen: 103.324 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

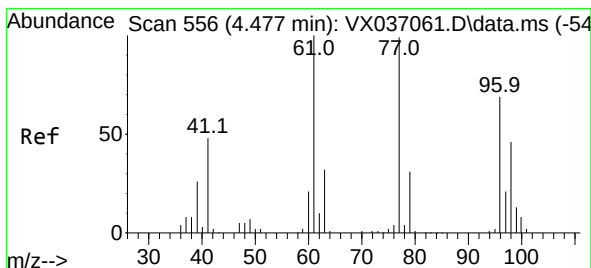
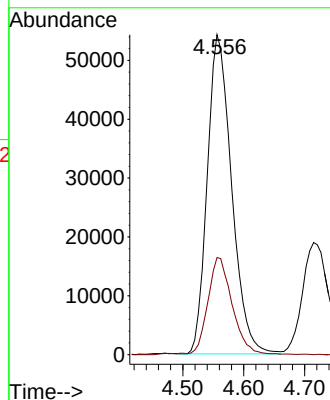
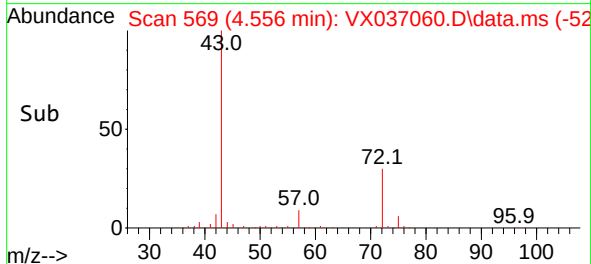
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 150849
Ion Ratio Lower Upper
43 100
72 30.3 19.4 29.2

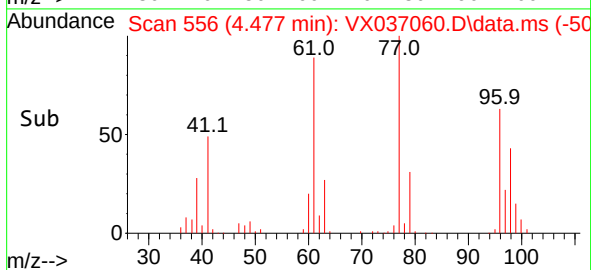
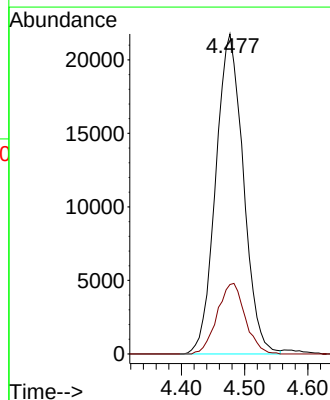
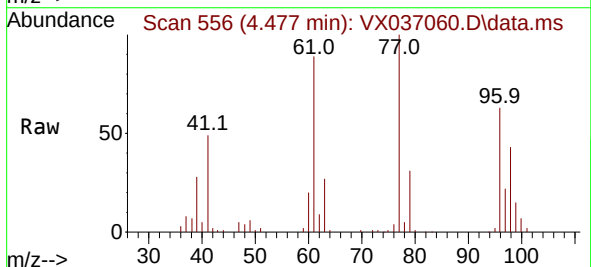
Manual Integrations
APPROVED

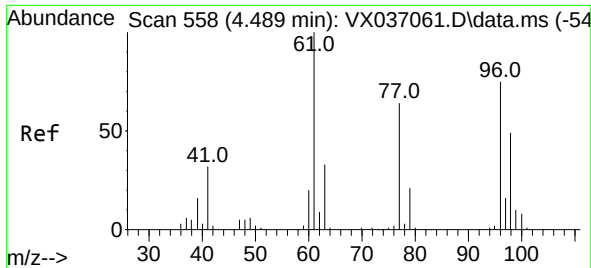
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#26
2,2-Dichloropropane
Concen: 20.962 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 77 Resp: 65987
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





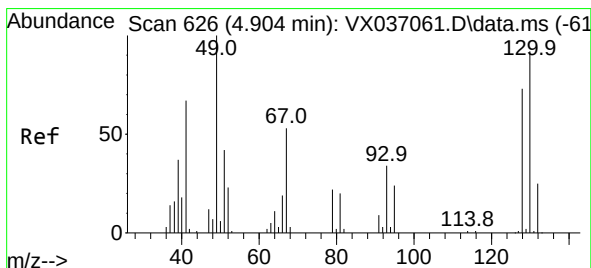
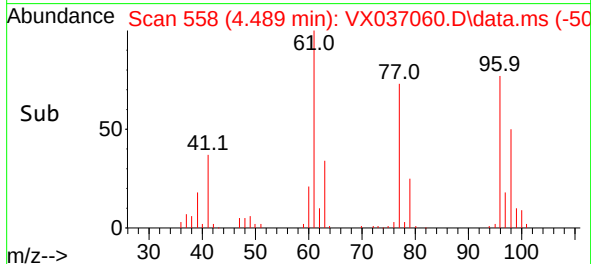
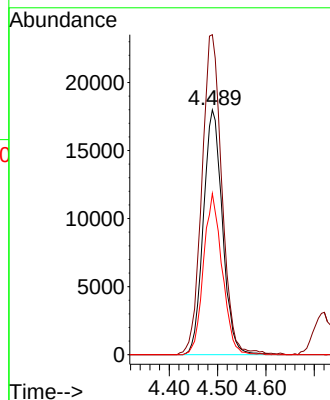
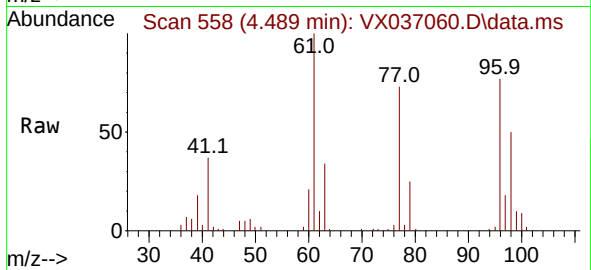
#27
cis-1,2-Dichloroethene
Concen: 20.763 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 4924
Ion Ratio Lower Upper
96 100
61 137.4 0.0 312.2
98 64.5 0.0 129.0

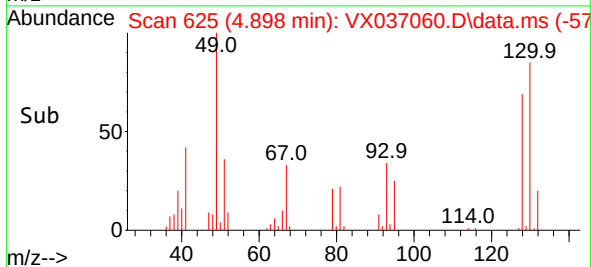
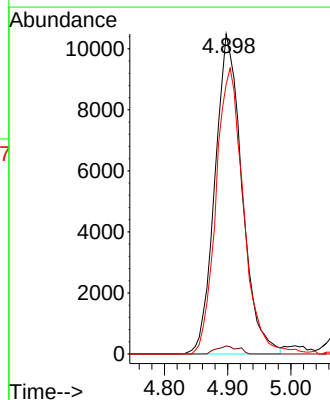
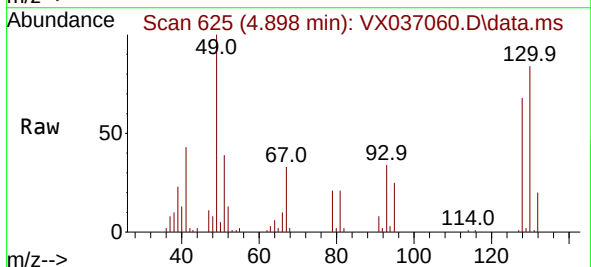
Manual Integrations
APPROVED

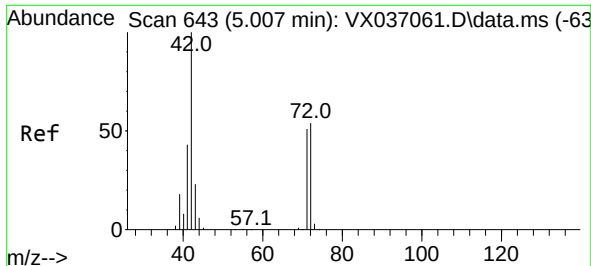
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#28
Bromochloromethane
Concen: 19.745 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 49 Resp: 31091
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 91.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 103.181 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

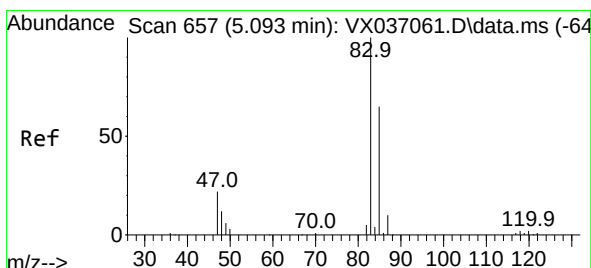
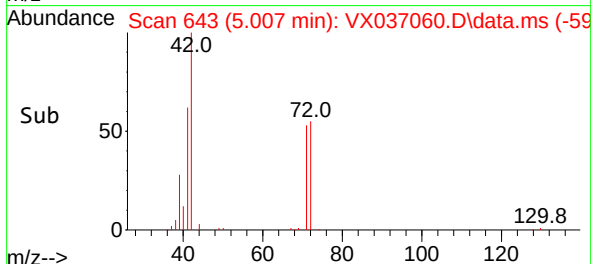
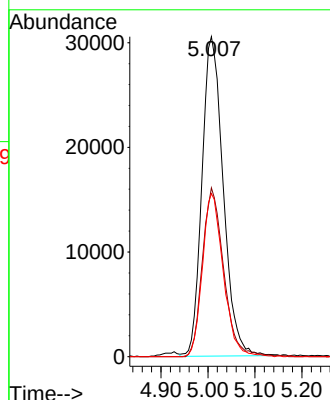
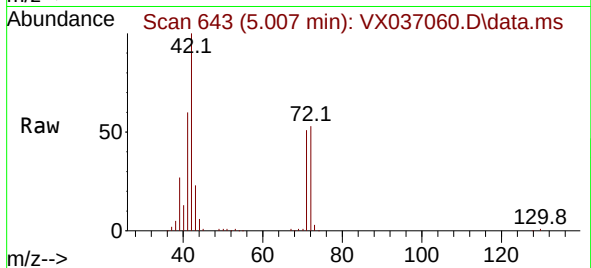
Tgt Ion: 42	Resp: 9606
Ion Ratio	Lower Upper
42 100	
72 53.1	34.2 51.4
71 50.1	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#30

Chloroform

Concen: 20.484 ug/l

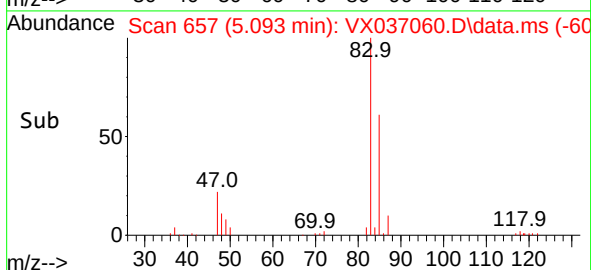
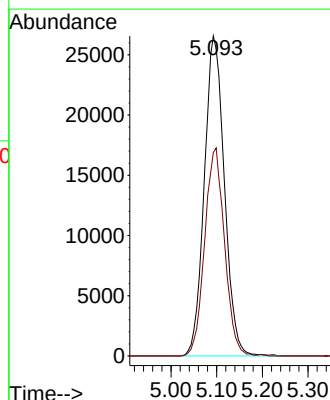
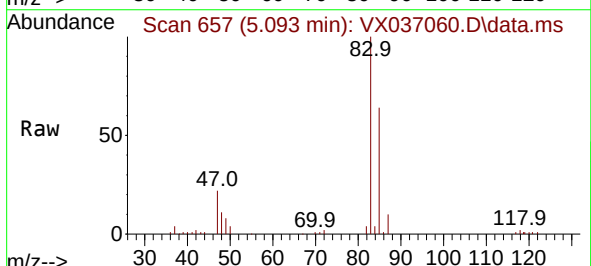
RT: 5.093 min Scan# 657

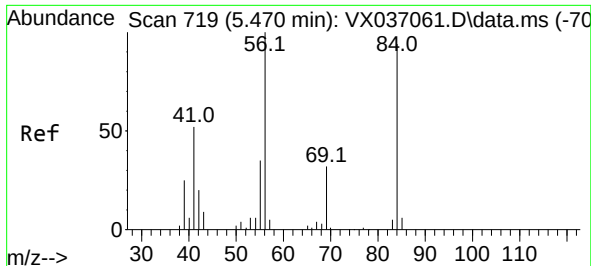
Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

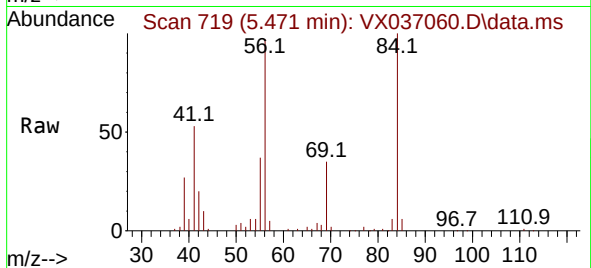
Tgt Ion: 83	Resp: 81049
Ion Ratio	Lower Upper
83 100	
85 63.6	50.3 75.5





#31
Cyclohexane
Concen: 21.482 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

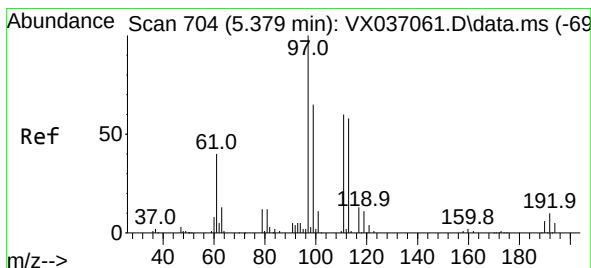
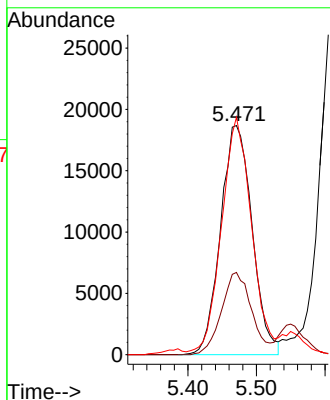
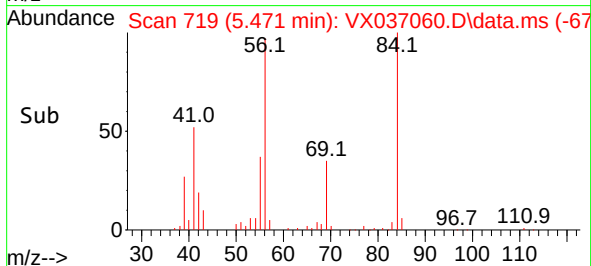
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 5986
Ion Ratio Lower Upper
56 100
69 35.9 23.4 35.2
84 101.0 65.9 98.9

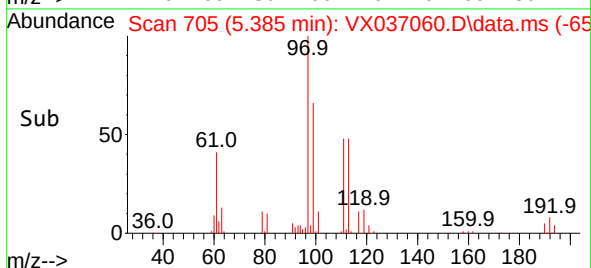
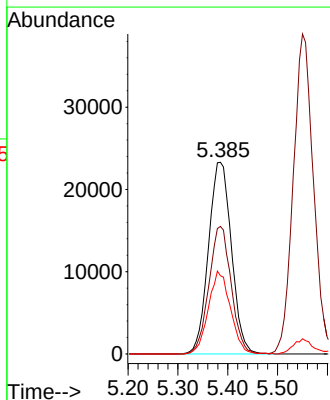
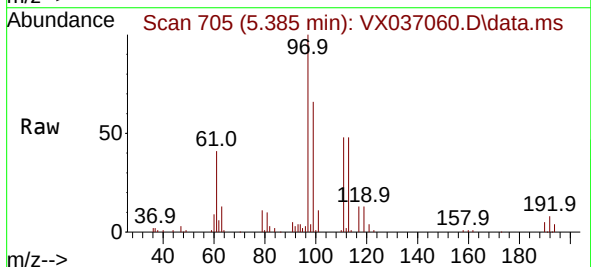
Manual Integrations
APPROVED

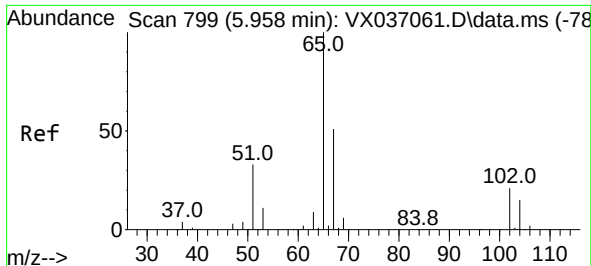
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#32
1,1,1-Trichloroethane
Concen: 21.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 97 Resp: 74485
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 41.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 16.758 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4153

Ion Ratio Lower Upper

65 100

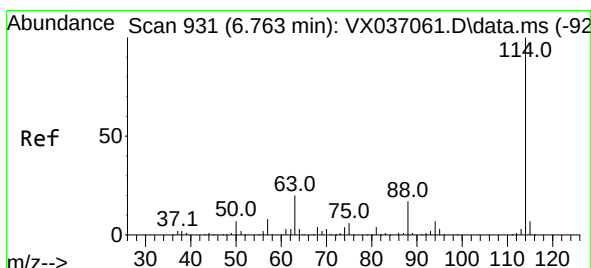
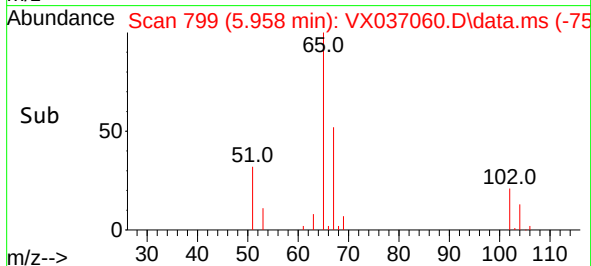
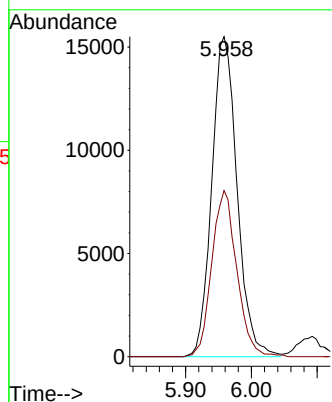
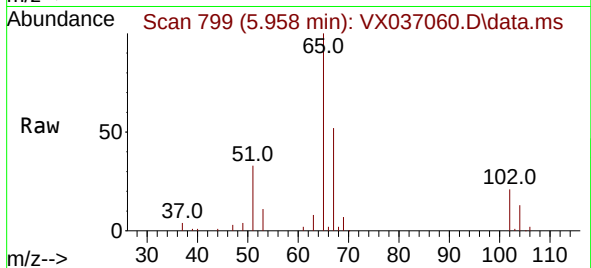
67 51.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

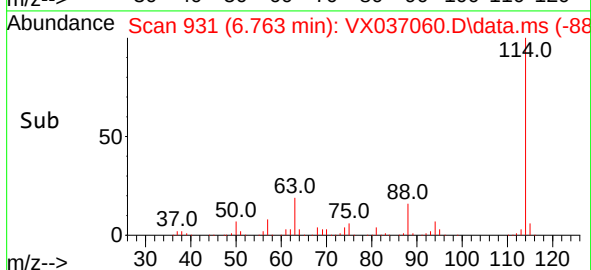
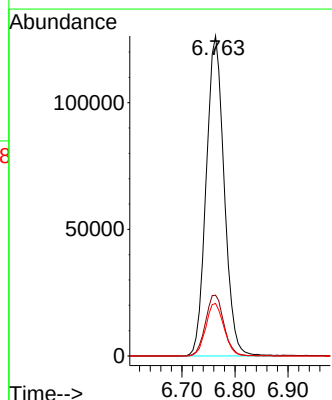
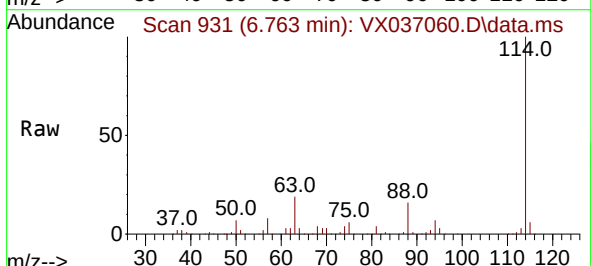
Tgt Ion:114 Resp: 297852

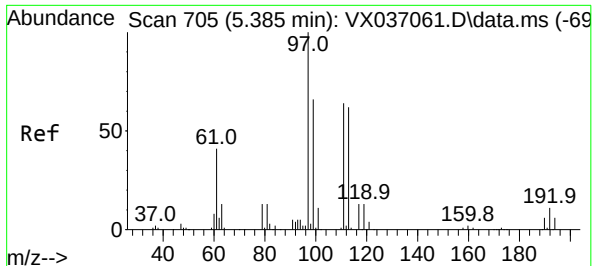
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

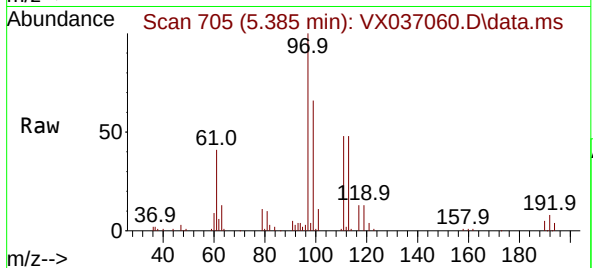
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 16.506 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

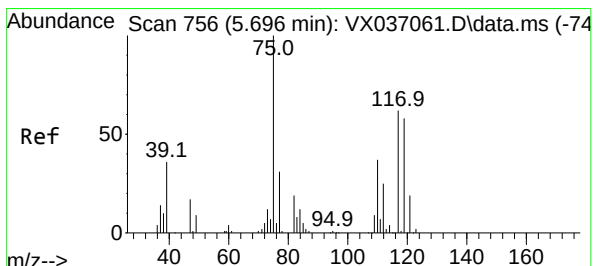
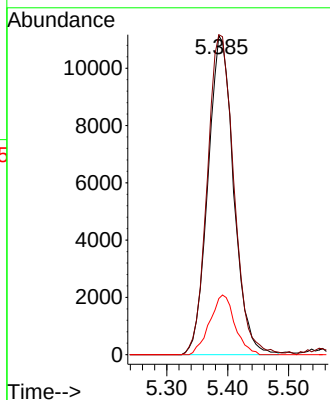
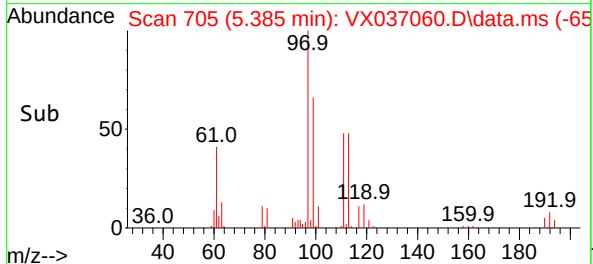
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 3255
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.3 13.3 19.9

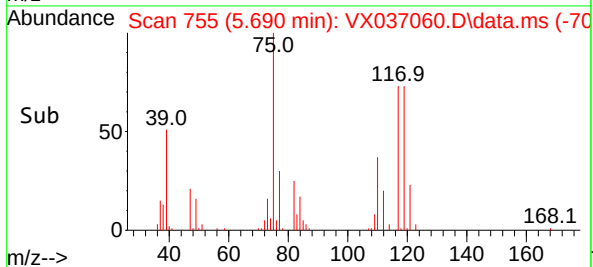
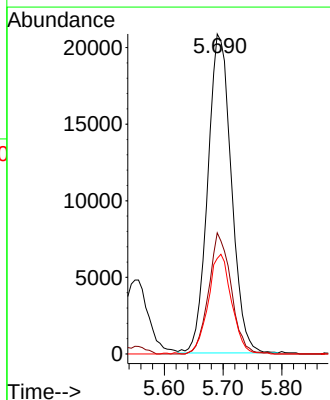
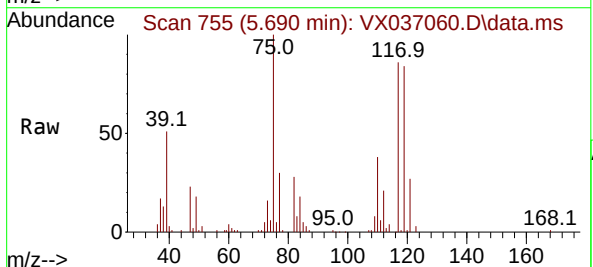
Manual Integrations
APPROVED

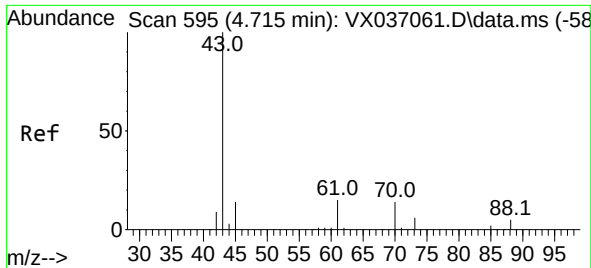
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#36
1,1-Dichloropropene
Concen: 20.704 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

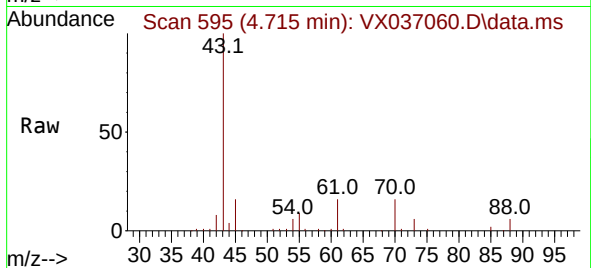
Tgt Ion: 75 Resp: 58023
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 30.8 24.7 37.1





#37
Ethyl Acetate
Concen: 20.080 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

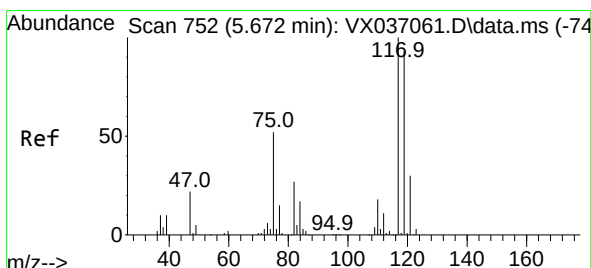
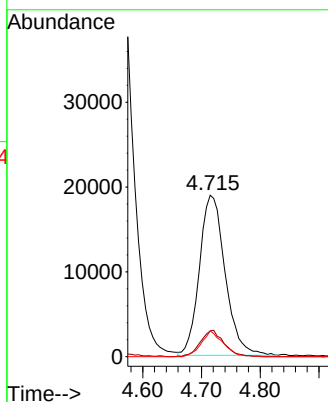
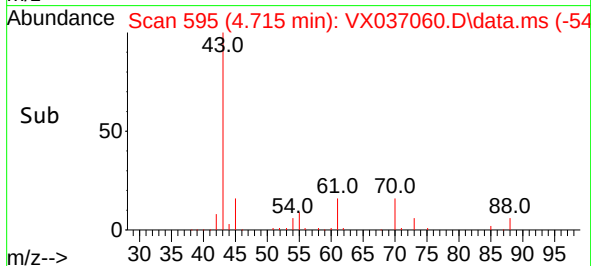
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 5748
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 13.7 8.3 12.5

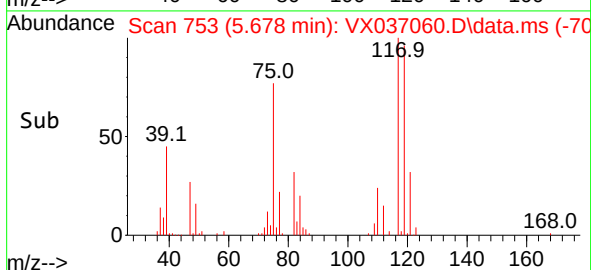
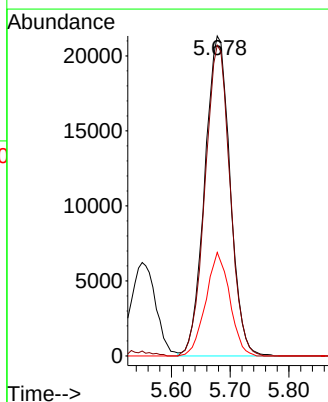
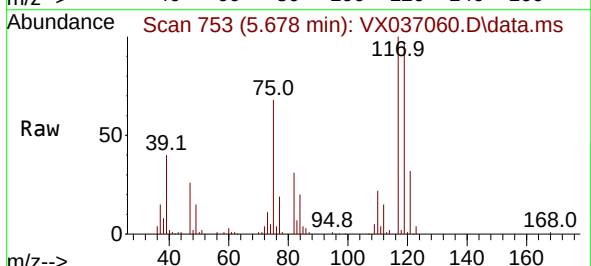
Manual Integrations
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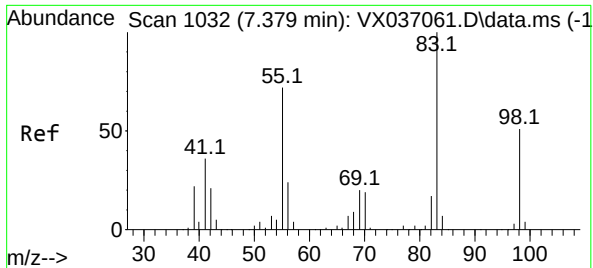
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#38
Carbon Tetrachloride
Concen: 20.947 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion:117 Resp: 63769
Ion Ratio Lower Upper
117 100
119 97.1 78.2 117.2
121 32.3 24.4 36.6





#39
Methylcyclohexane
Concen: 21.391 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

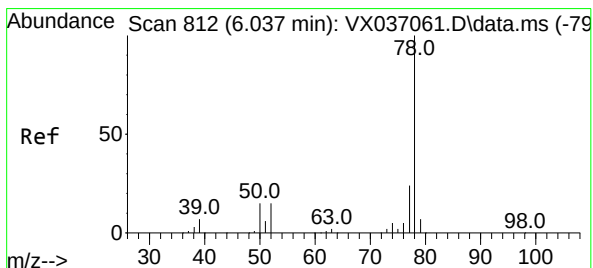
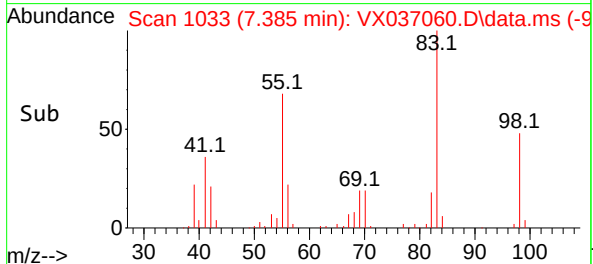
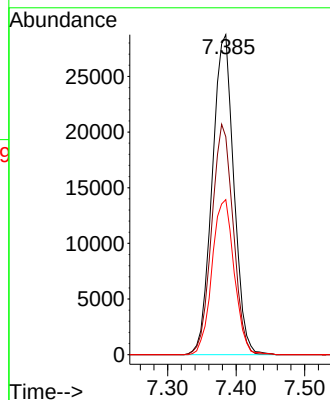
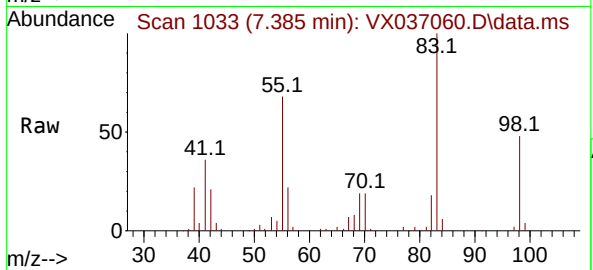
VSTDIC020

Tgt Ion: 83 Resp: 62985
Ion Ratio Lower Upper
83 100
55 68.1 64.6 97.0
98 48.5 36.7 55.1

Manual Integrations

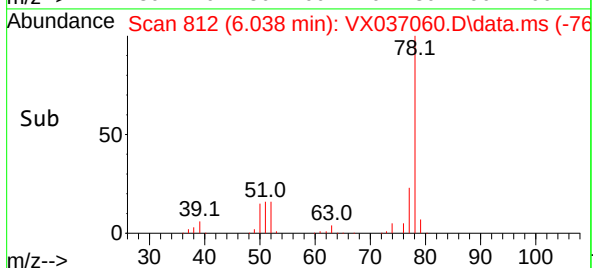
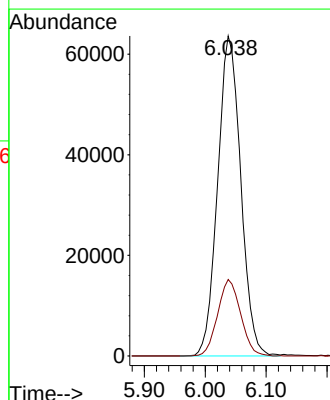
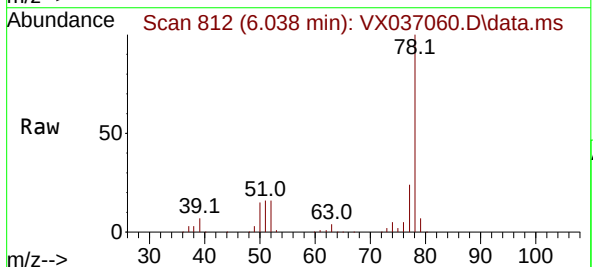
APPROVED

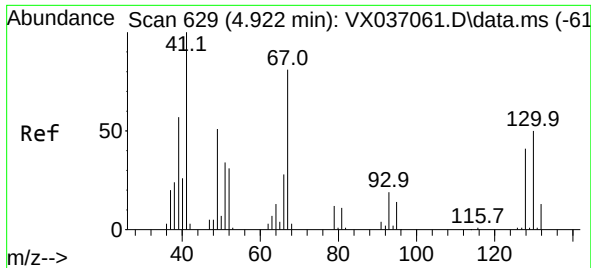
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#40
Benzene
Concen: 20.853 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 78 Resp: 167610
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 20.768 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 41 Resp: 3090

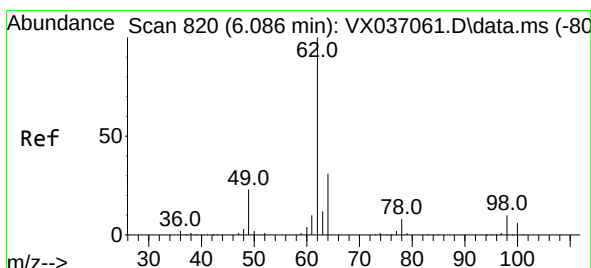
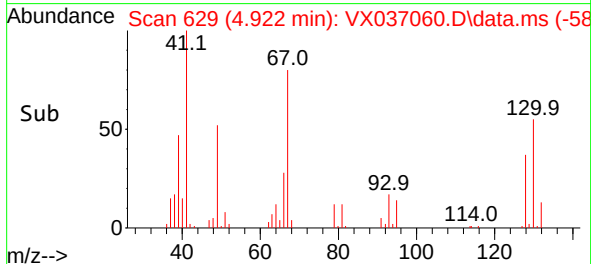
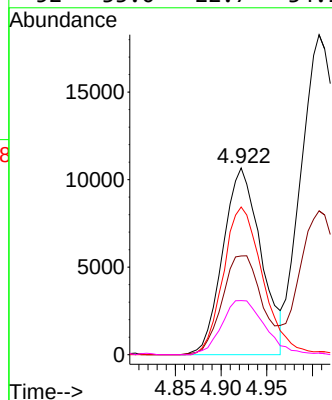
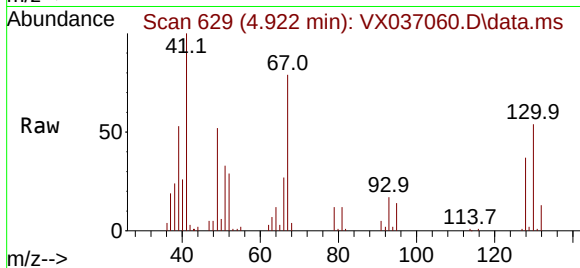
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.2	67.8
67	82.4	52.6	78.8
52	33.0	22.7	34.1

Manual Integrations

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Reviewed By :John Carlone 08/18/2023

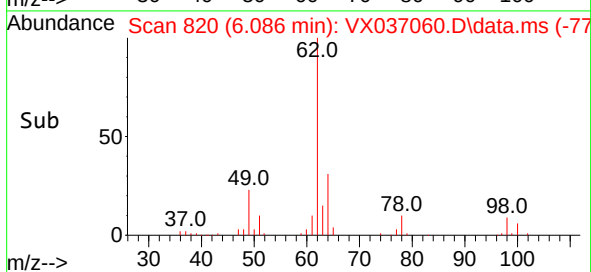
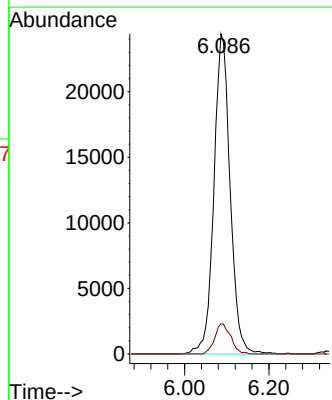
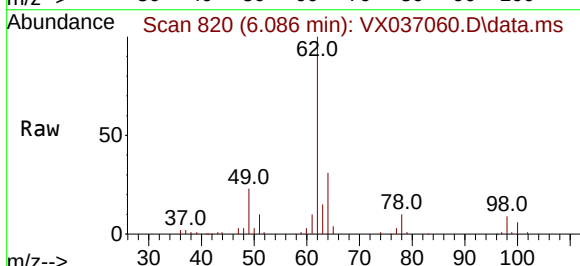
Supervised By :Semsettin Yesilyurt 08/18/2023

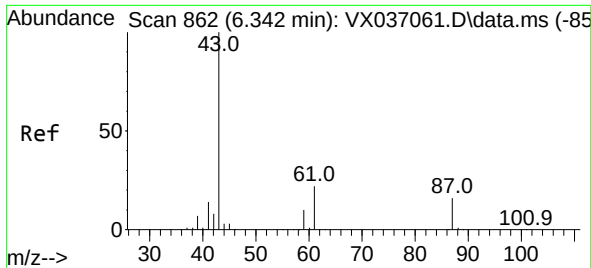


#42
1,2-Dichloroethane
Concen: 20.674 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 62 Resp: 65165

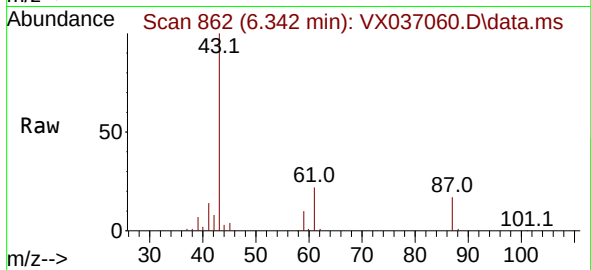
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.0





#43
Isopropyl Acetate
Concen: 20.808 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

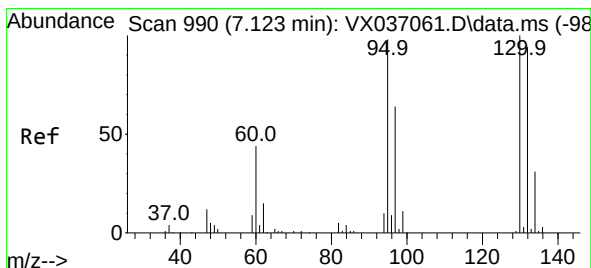
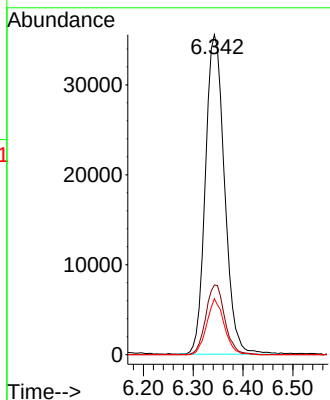
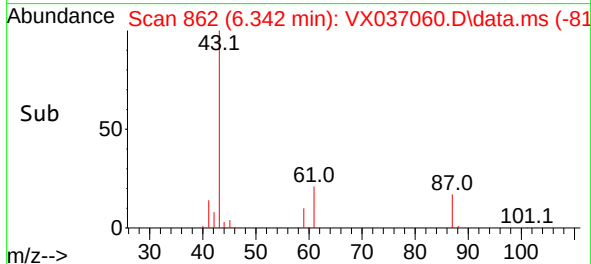
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 9457
Ion Ratio Lower Upper
43 100
61 21.8 15.2 22.8
87 16.1 9.8 14.6

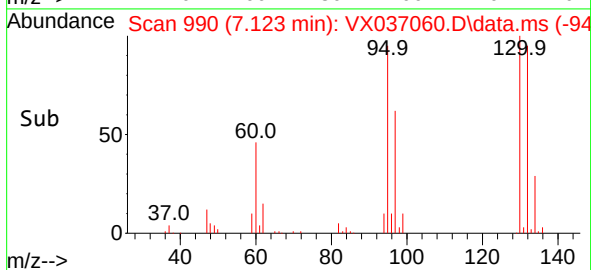
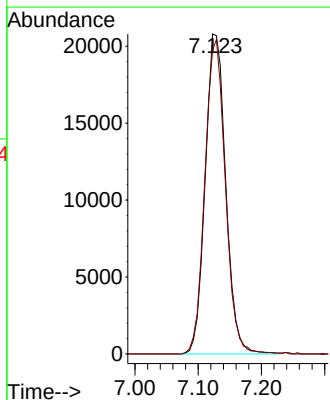
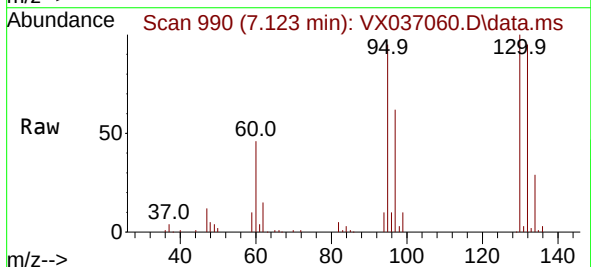
Manual Integrations
APPROVED

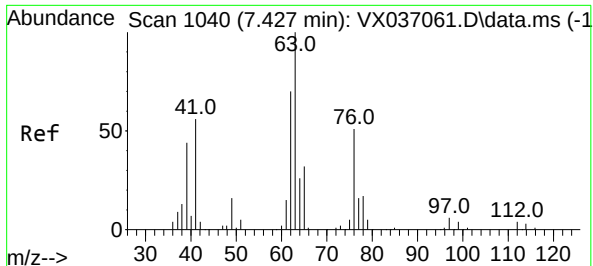
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#44
Trichloroethene
Concen: 20.541 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion:130 Resp: 46815
Ion Ratio Lower Upper
130 100
95 95.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.861 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4134

Ion Ratio Lower Upper

63 100

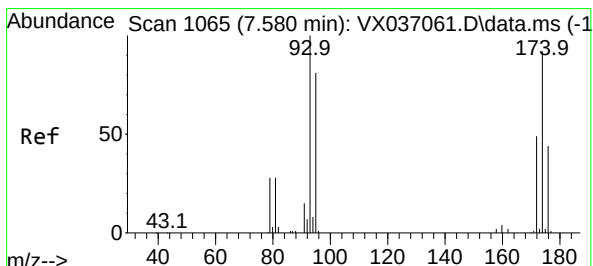
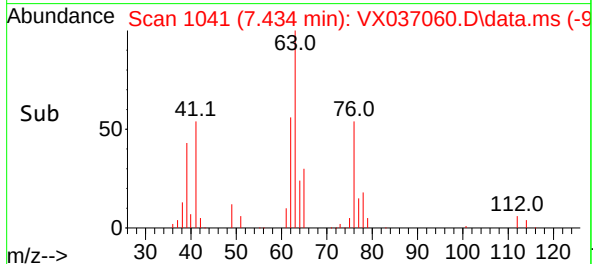
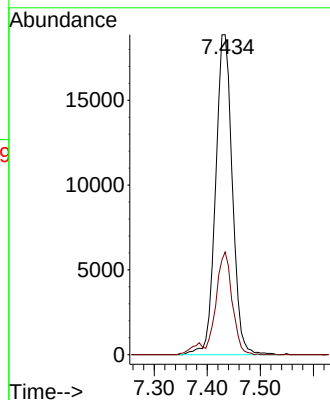
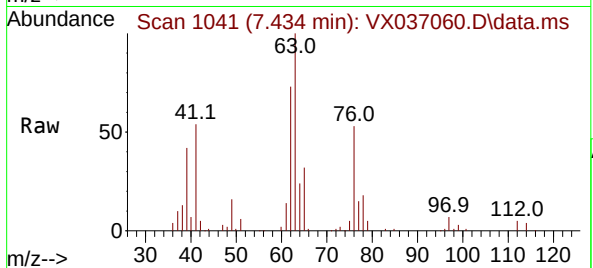
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#46

Dibromomethane

Concen: 20.213 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

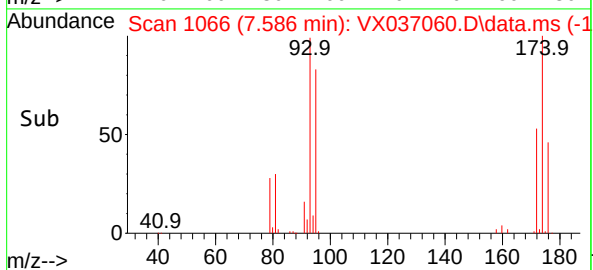
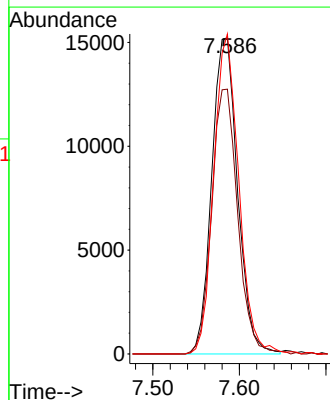
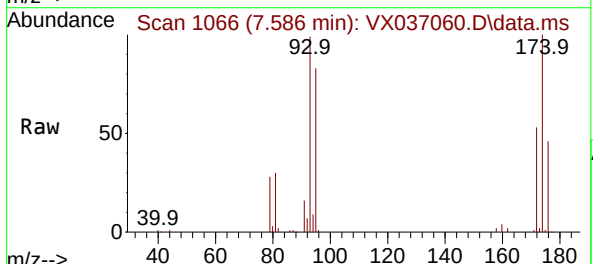
Tgt Ion: 93 Resp: 31558

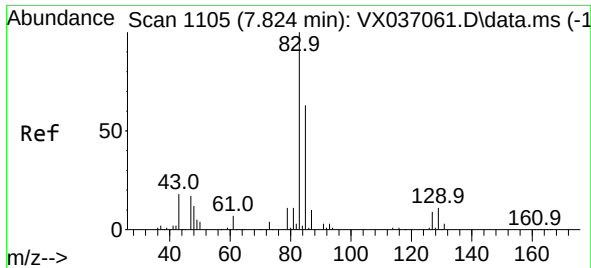
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

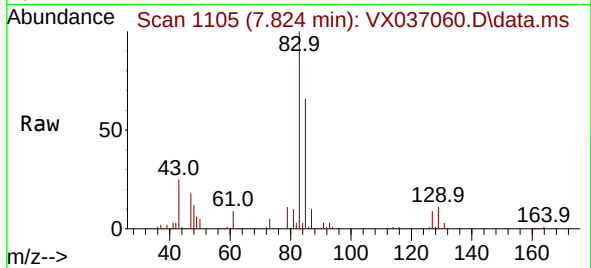
174 98.2 69.4 104.0





#47
Bromodichloromethane
Concen: 20.380 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

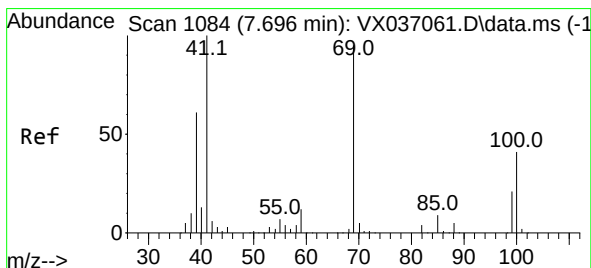
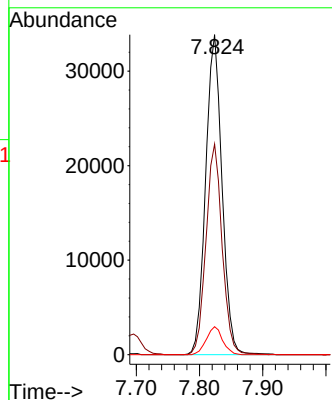
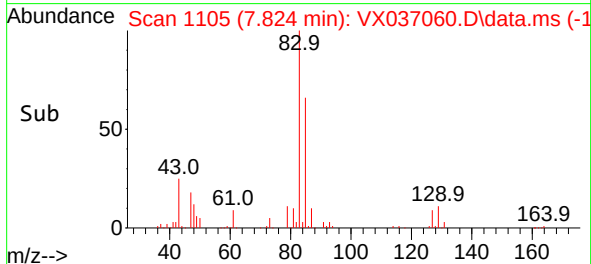
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 60945
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.6
127 8.7 7.1 10.7

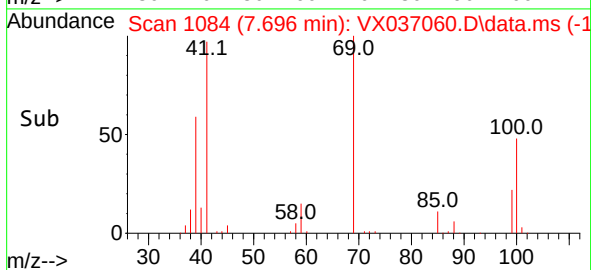
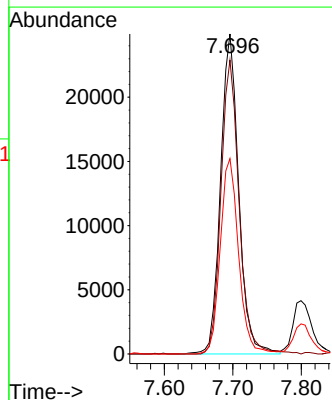
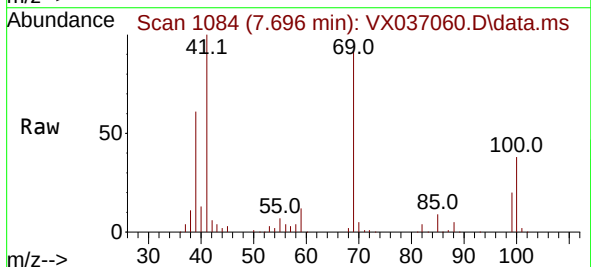
Manual Integrations
APPROVED

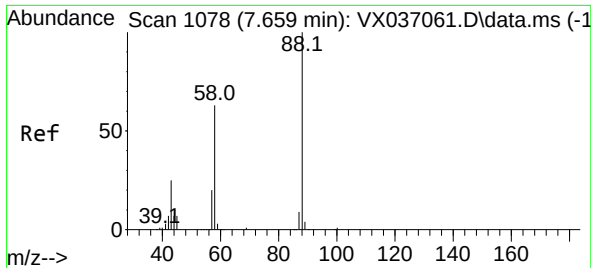
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#48
Methyl methacrylate
Concen: 20.605 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

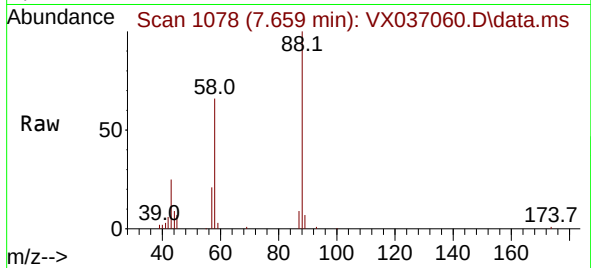
Tgt Ion: 41 Resp: 45672
Ion Ratio Lower Upper
41 100
69 91.8 59.2 88.8#
39 61.6 47.7 71.5





#49
1,4-Dioxane
Concen: 404.322 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

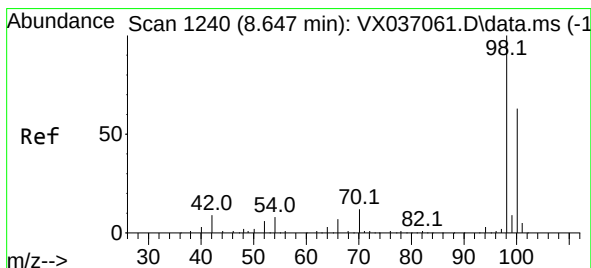
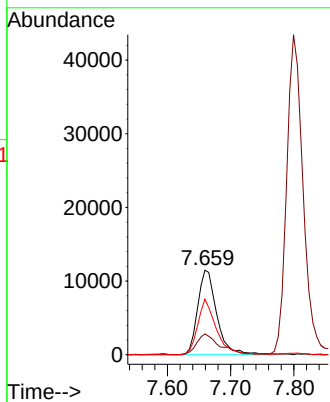
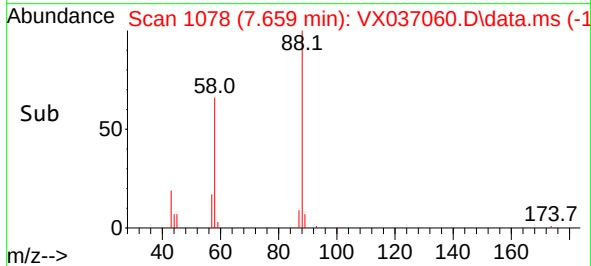
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 24130
Ion Ratio Lower Upper
88 100
43 29.6 0.0 0.0
58 63.3 60.1 90.1

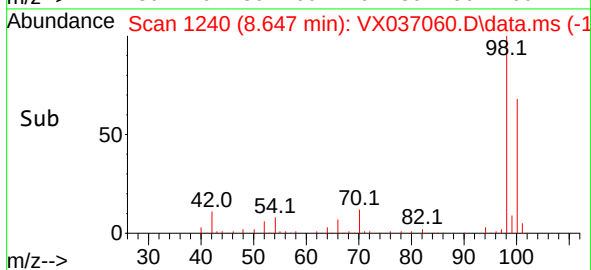
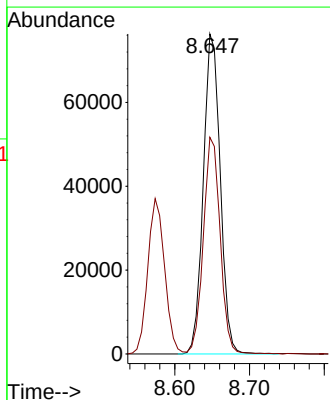
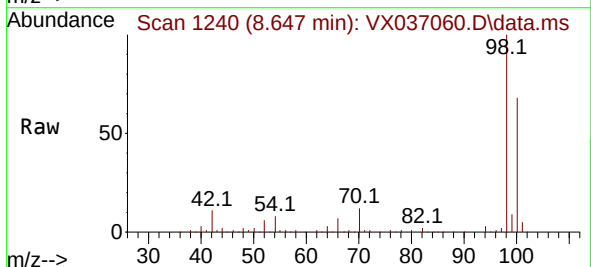
Manual Integrations
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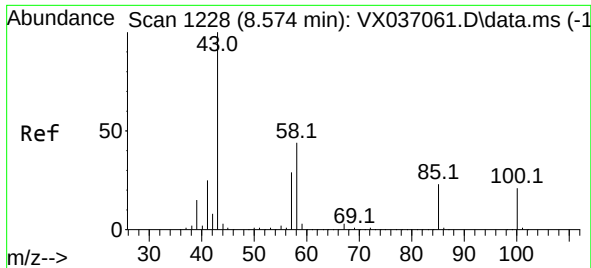
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#50
Toluene-d8
Concen: 16.790 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 98 Resp: 120141
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7





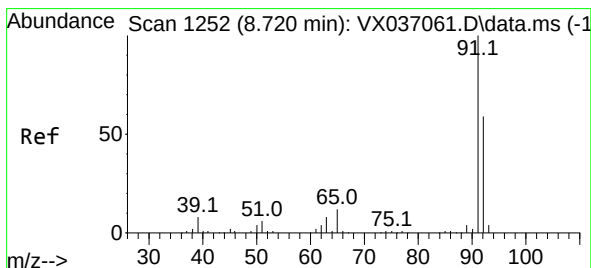
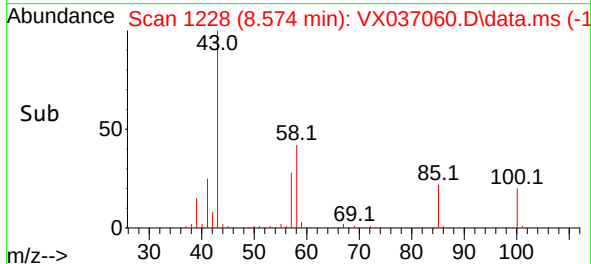
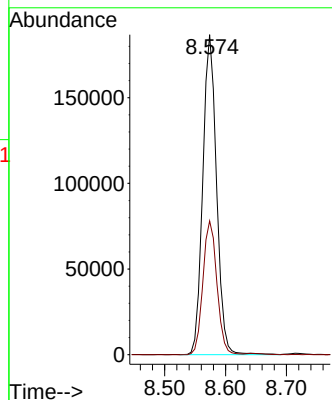
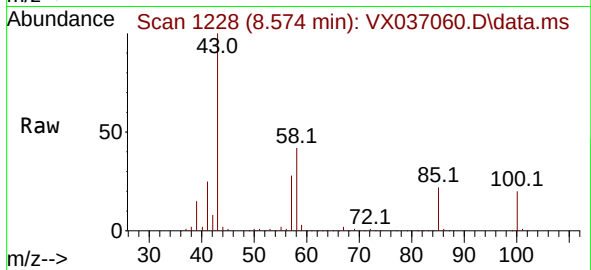
#51
4-Methyl-2-Pentanone
Concen: 106.496 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 293917
Ion Ratio Lower Upper
43 100
58 42.3 30.4 45.6

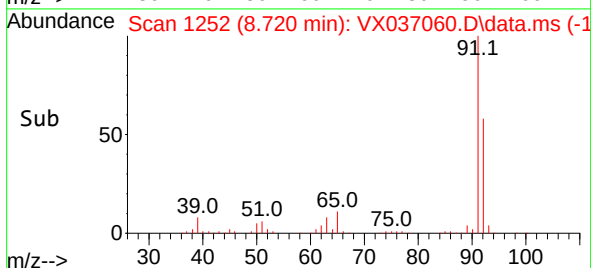
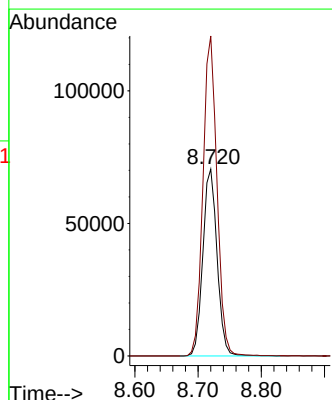
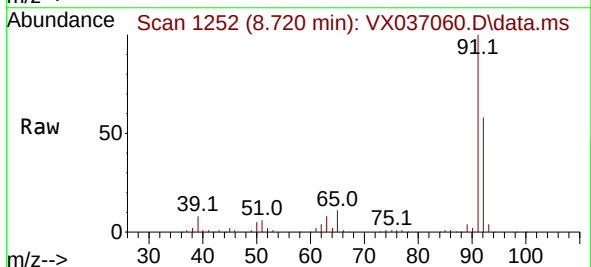
Manual Integrations
APPROVED

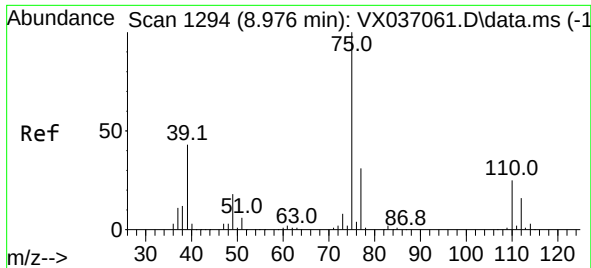
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#52
Toluene
Concen: 20.755 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 92 Resp: 110221
Ion Ratio Lower Upper
92 100
91 169.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.632 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 65694

Ion Ratio Lower Upper

75 100

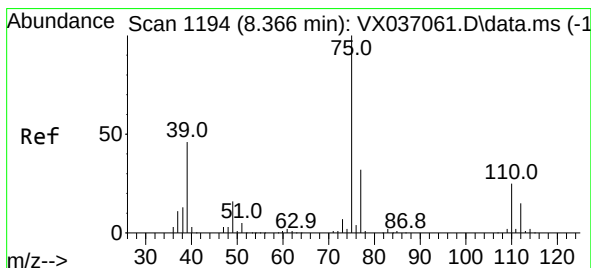
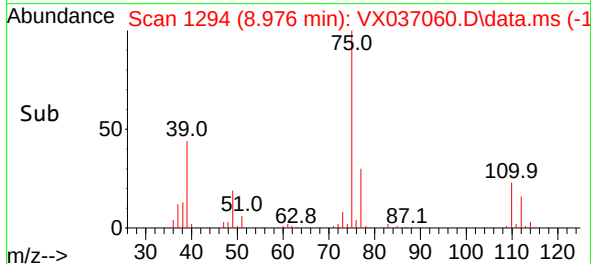
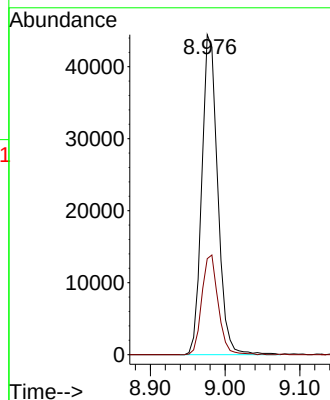
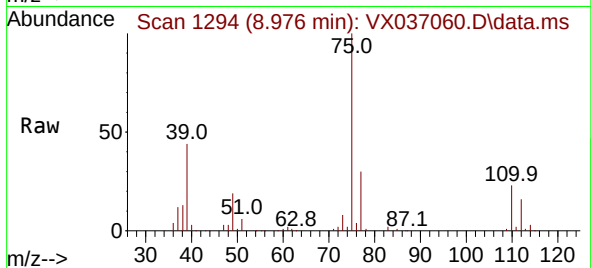
77 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#54

cis-1,3-Dichloropropene

Concen: 20.569 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

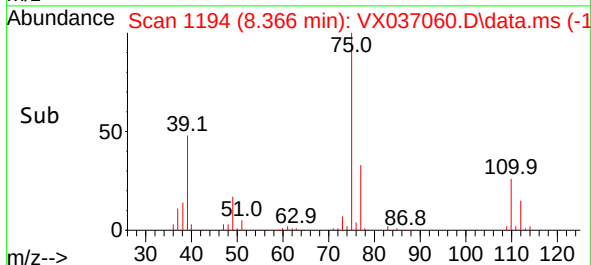
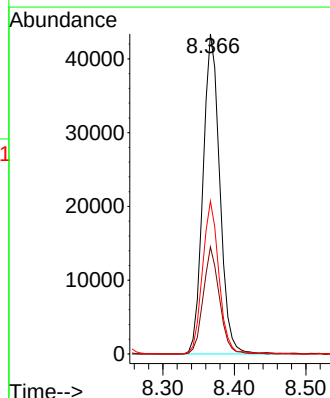
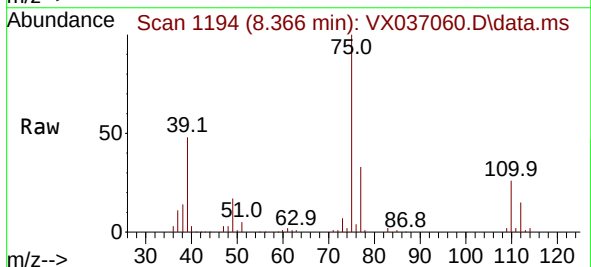
Tgt Ion: 75 Resp: 70775

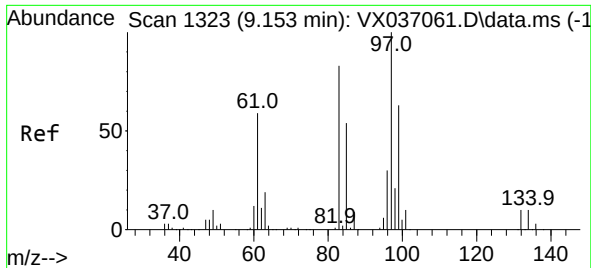
Ion Ratio Lower Upper

75 100

77 33.5 25.3 37.9

39 47.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.668 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

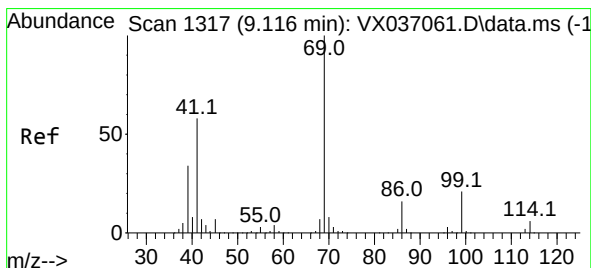
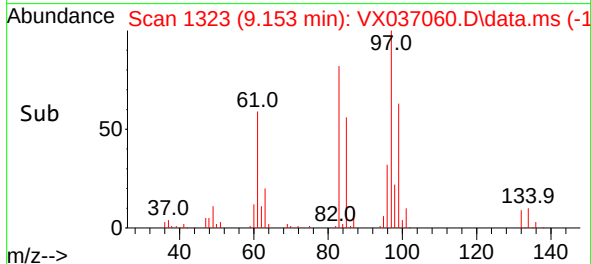
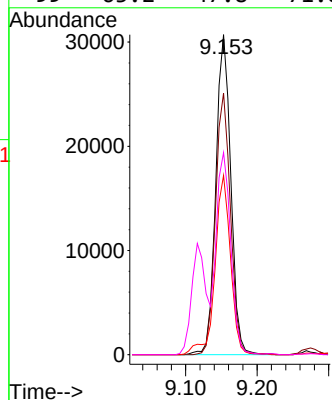
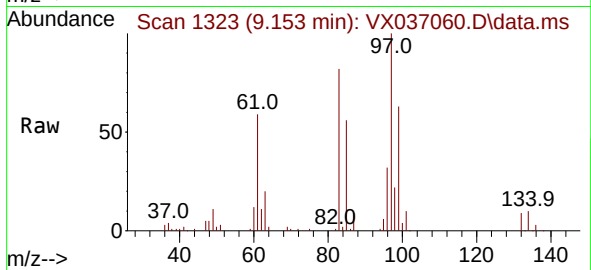
Tgt Ion: 97 Resp: 4469
Ion Ratio Lower Upper
97 100
83 81.8 65.8 98.8
85 56.0 41.6 62.4
99 63.2 47.8 71.8

Manual Integrations

APPROVED

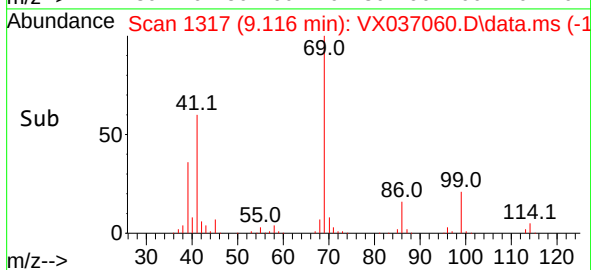
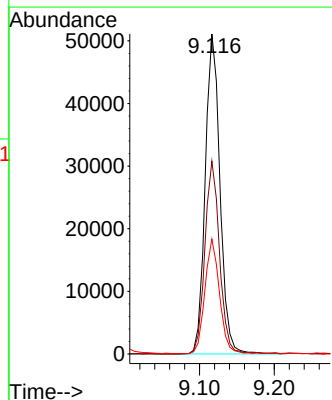
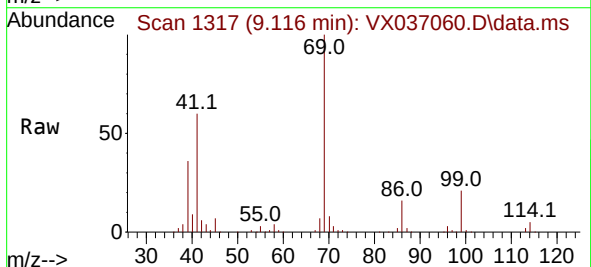
Reviewed By :John Carlone 08/18/2023

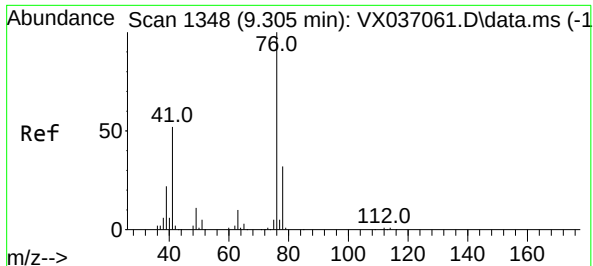
Supervised By :Semsettin Yesilyurt 08/18/2023



#56
Ethyl methacrylate
Concen: 20.697 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 69 Resp: 70106
Ion Ratio Lower Upper
69 100
41 60.0 56.8 85.2
39 35.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.490 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 74694

Ion Ratio Lower Upper

76 100

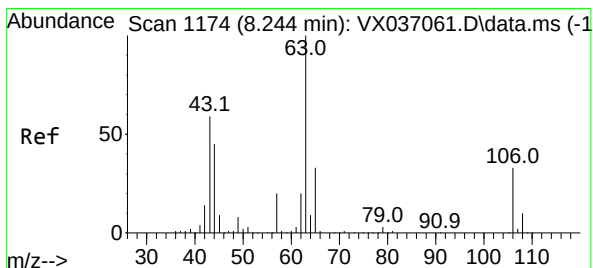
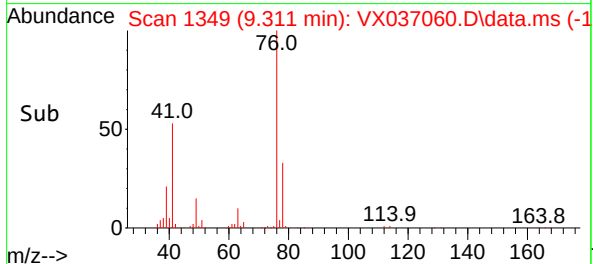
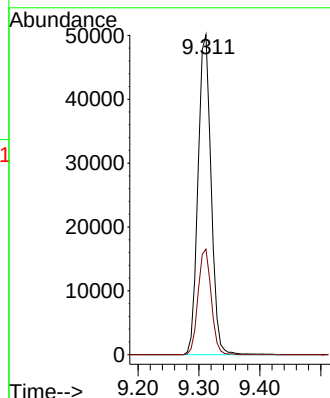
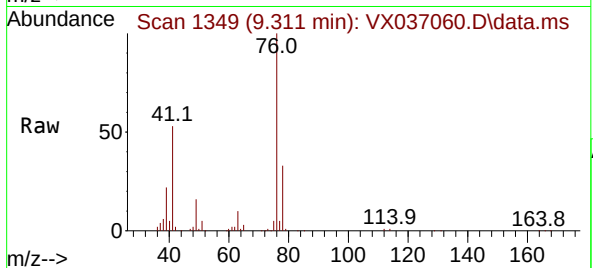
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.507 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037060.D

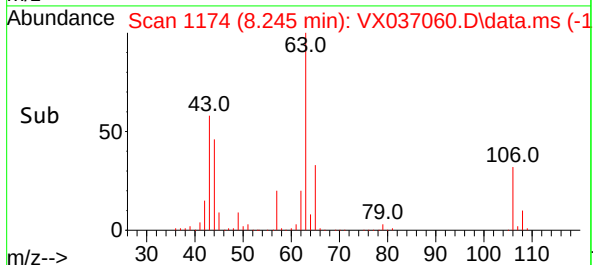
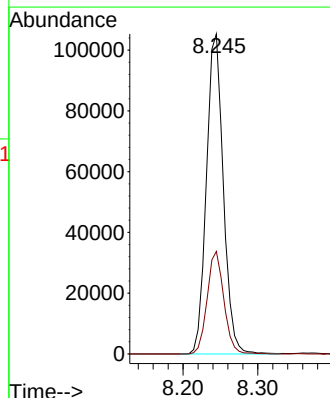
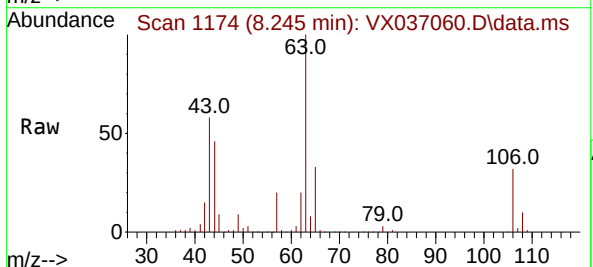
Acq: 17 Aug 2023 14:46

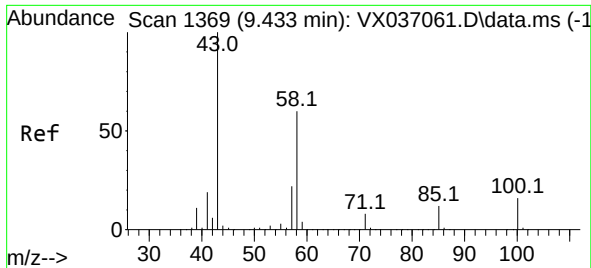
Tgt Ion: 63 Resp: 165000

Ion Ratio Lower Upper

63 100

106 31.7 22.5 33.7





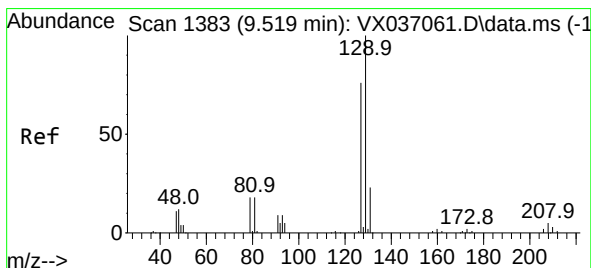
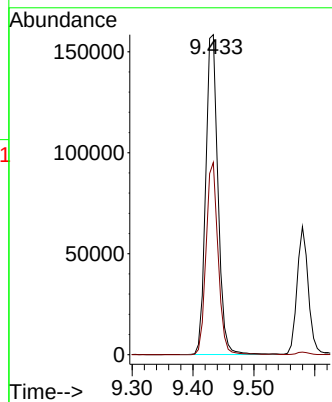
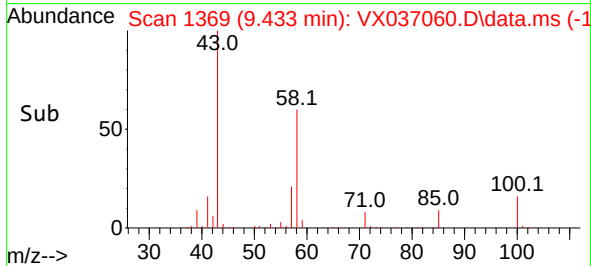
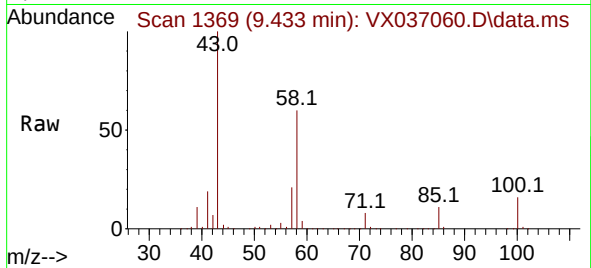
#59
2-Hexanone
Concen: 105.499 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 222000
Ion Ratio Lower Upper
43 100
58 58.9 26.2 78.5

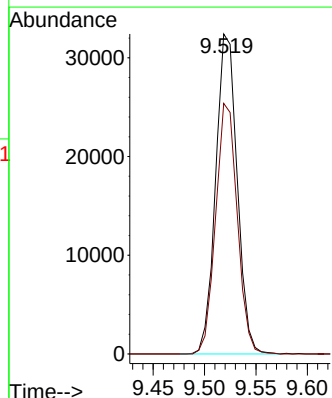
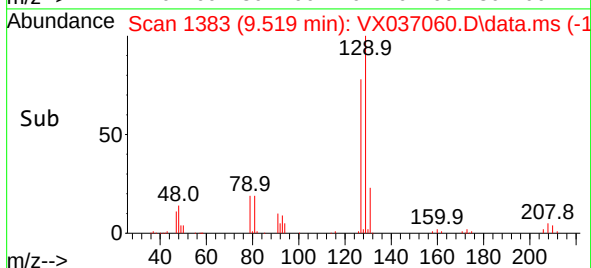
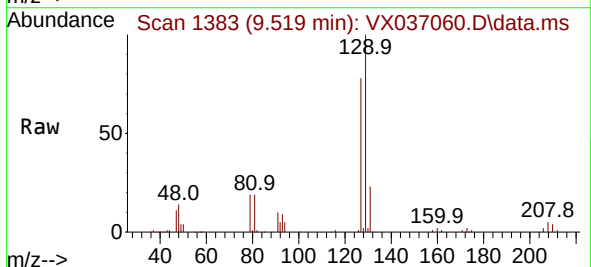
Manual Integrations
APPROVED

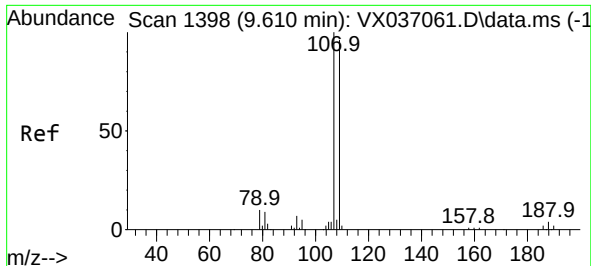
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#60
Dibromochloromethane
Concen: 20.444 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion:129 Resp: 47069
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.852 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

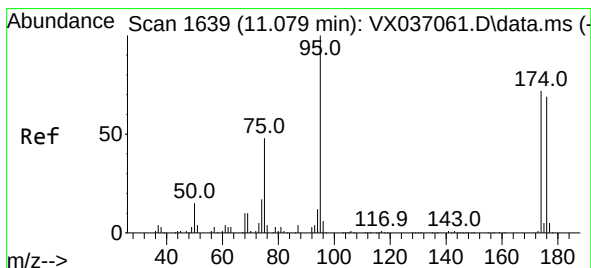
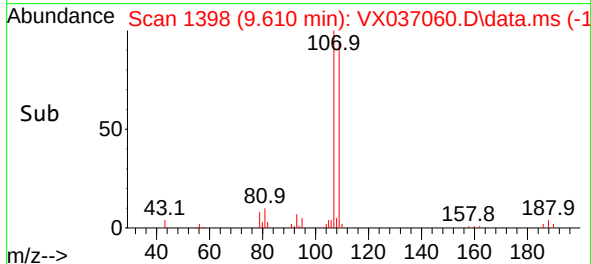
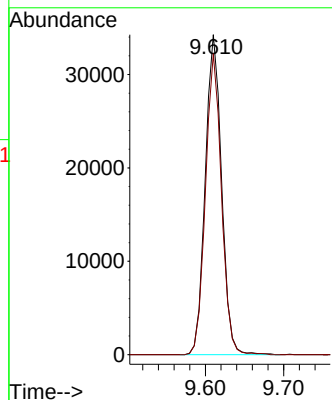
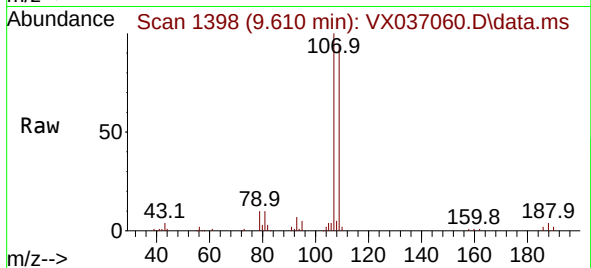
VSTDICC020

Tgt Ion:107 Resp: 4937
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8

Manual Integrations

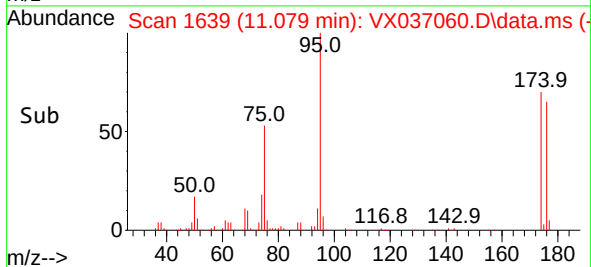
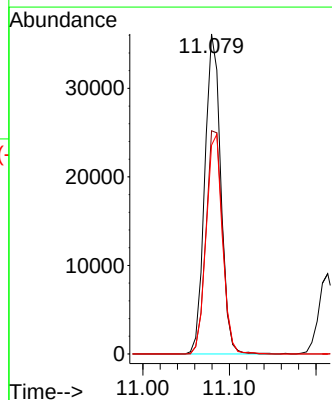
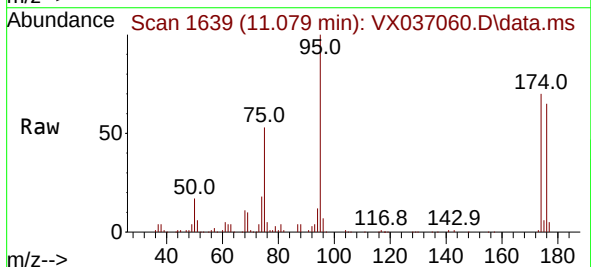
APPROVED

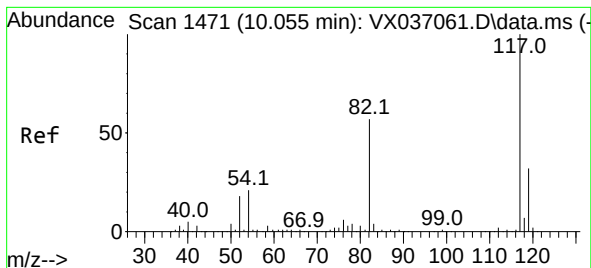
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#62
4-Bromofluorobenzene
Concen: 16.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

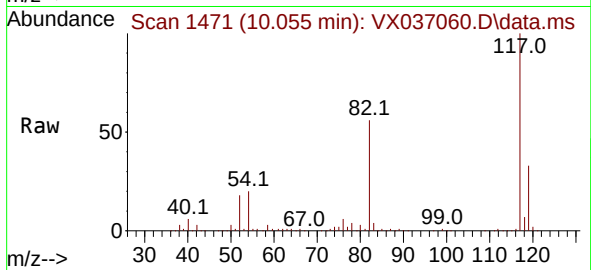
Tgt Ion: 95 Resp: 46288
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 69.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

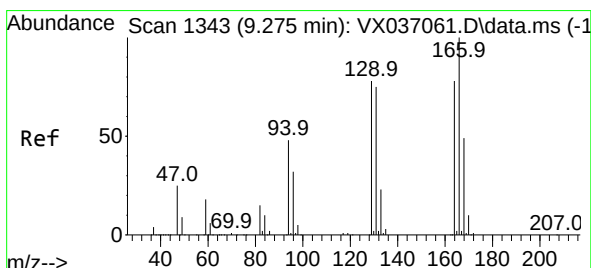
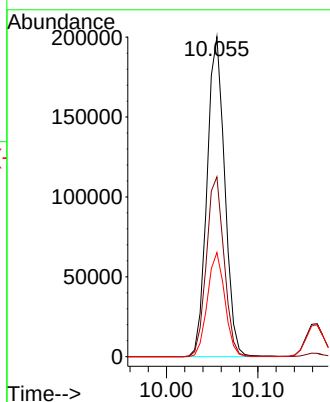
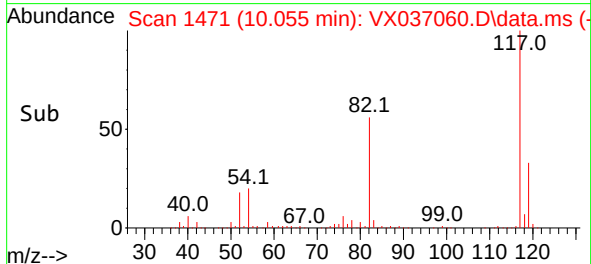
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 26863
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.6 25.5 38.3

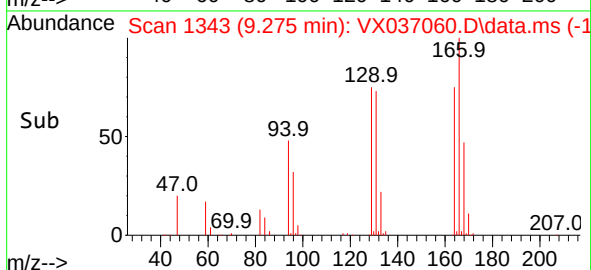
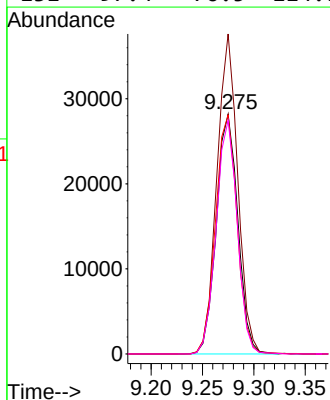
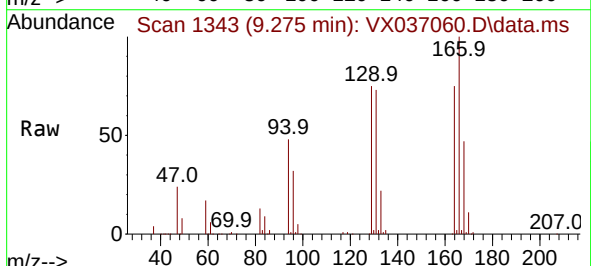
Manual Integrations
APPROVED

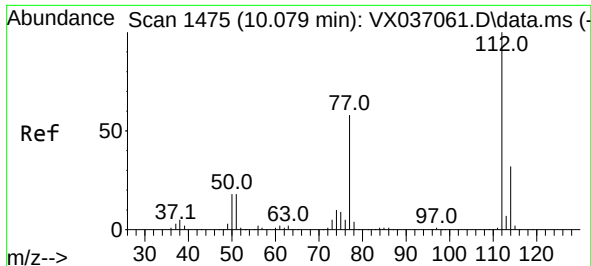
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#64
Tetrachloroethene
Concen: 20.915 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion:164 Resp: 40987
Ion Ratio Lower Upper
164 100
166 133.5 102.7 154.1
129 99.7 80.4 120.6
131 97.4 76.5 114.7





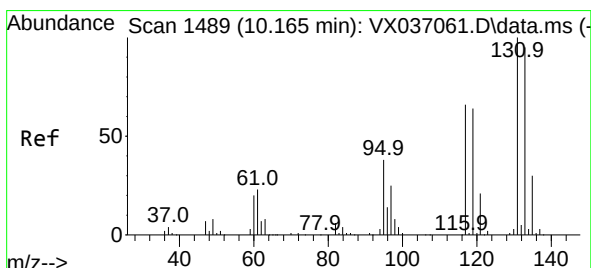
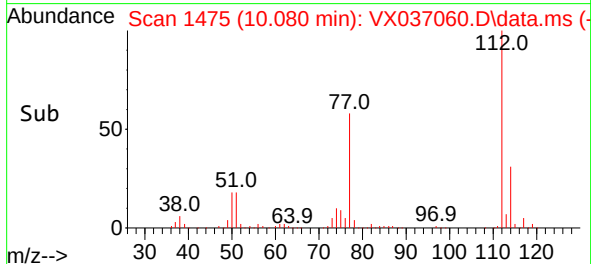
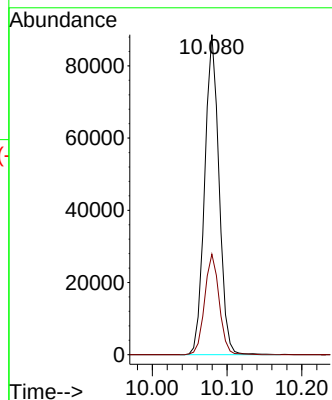
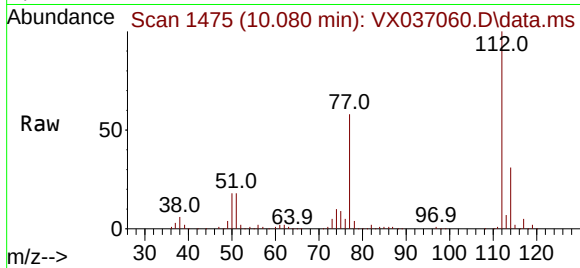
#65
Chlorobenzene
Concen: 20.809 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 118145
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

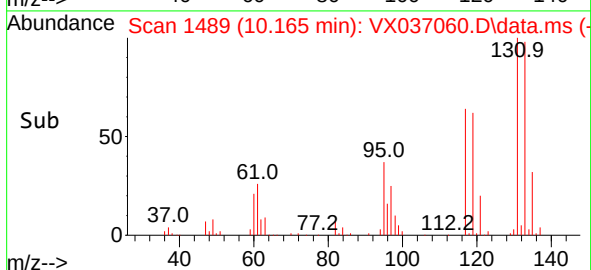
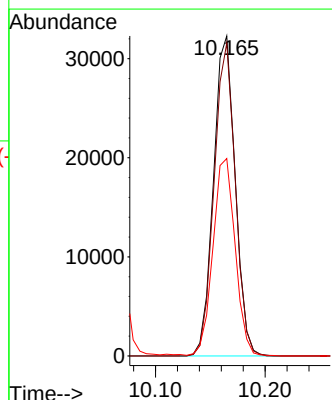
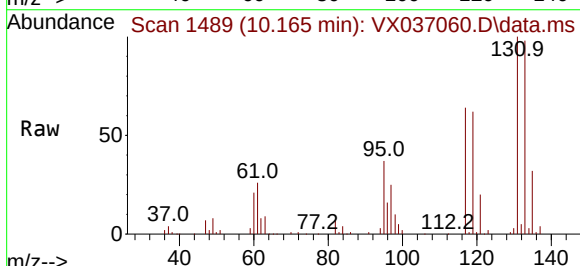
Manual Integrations
APPROVED

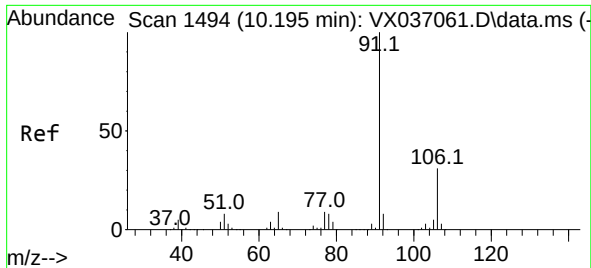
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.191 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

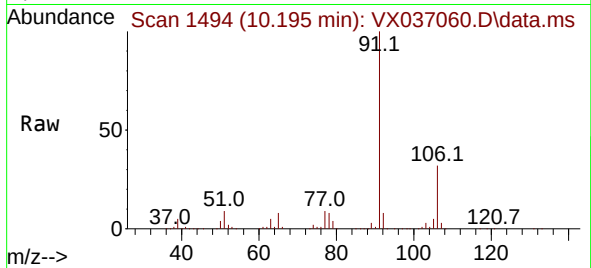
Tgt Ion:131 Resp: 44406
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 63.4 32.2 96.6





#67
Ethyl Benzene
Concen: 20.884 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

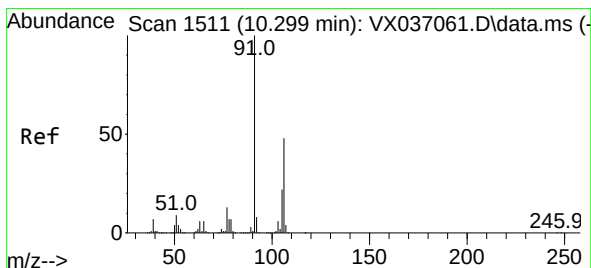
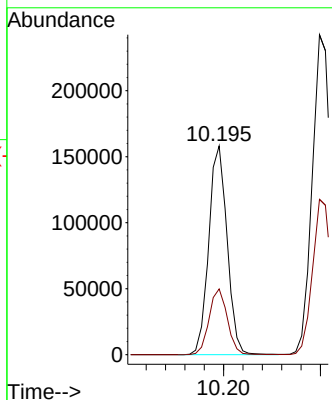
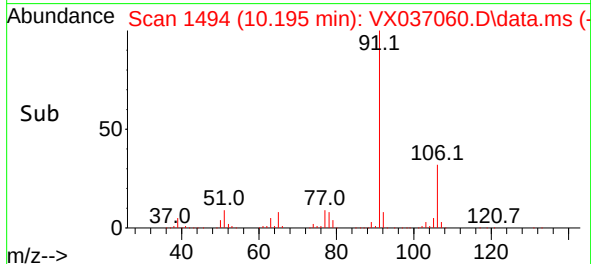
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 20863
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

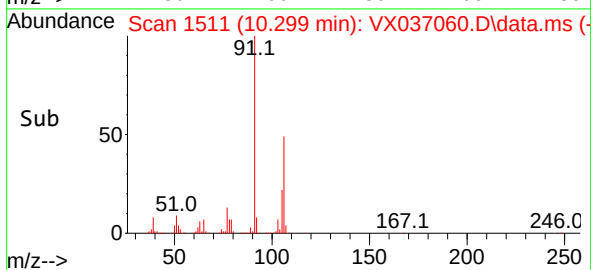
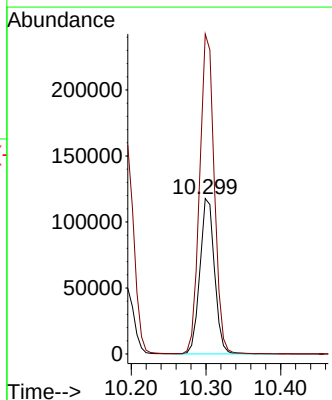
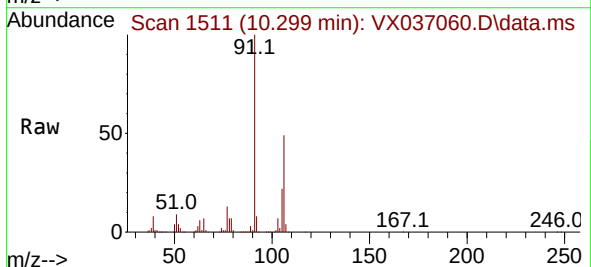
Manual Integrations
APPROVED

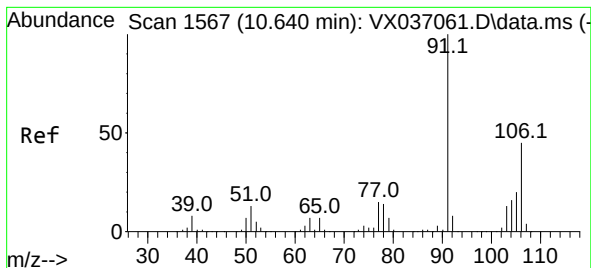
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#68
m/p-Xylenes
Concen: 41.419 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion:106 Resp: 159797
Ion Ratio Lower Upper
106 100
91 206.6 165.5 248.3





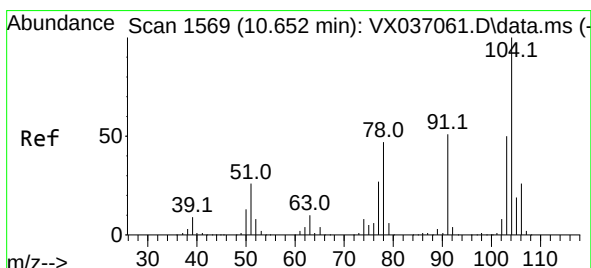
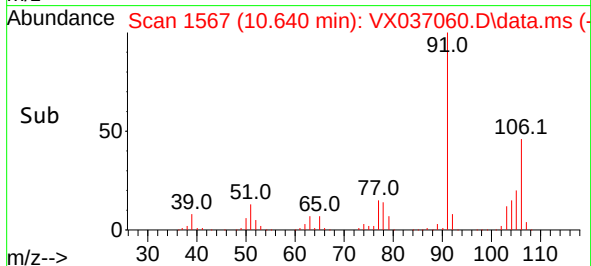
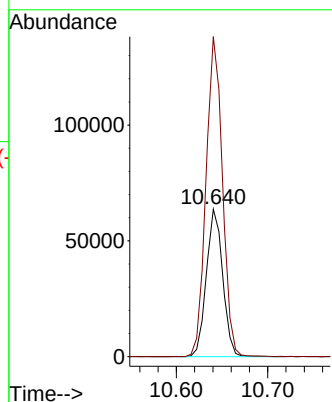
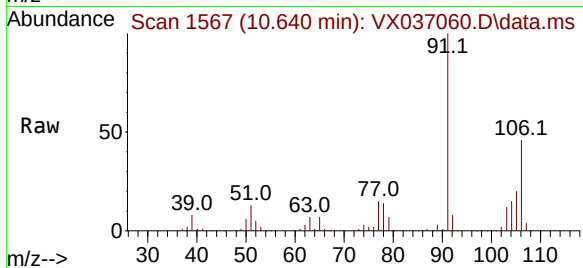
#69
o-Xylene
Concen: 20.780 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 7909
Ion Ratio Lower Upper
106 100
91 218.5 108.9 326.8

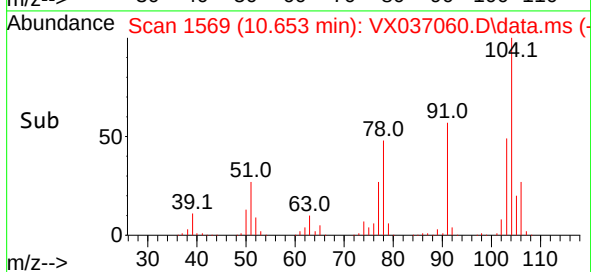
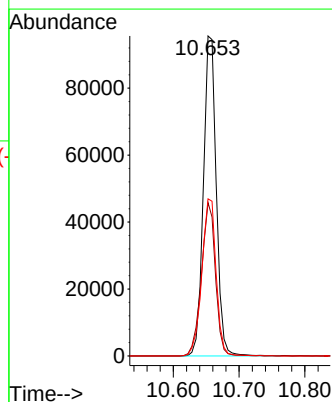
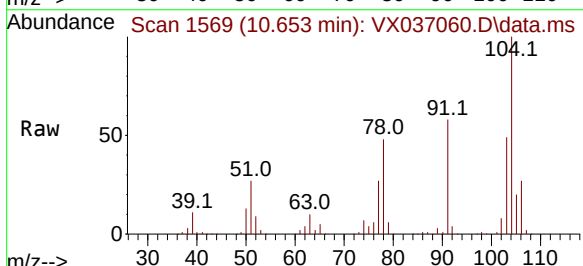
Manual Integrations
APPROVED

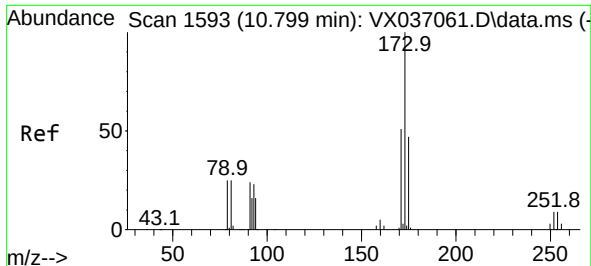
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#70
Styrene
Concen: 20.784 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

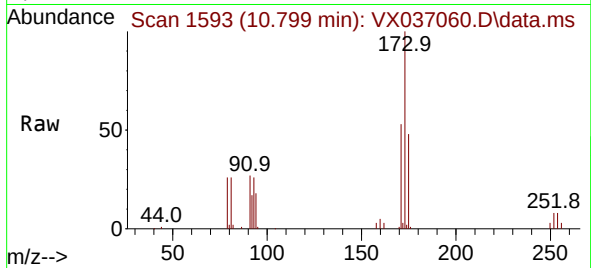
Tgt Ion:104 Resp: 130314
Ion Ratio Lower Upper
104 100
78 52.1 43.6 65.4
103 54.3 43.6 65.4





#71
Bromoform
Concen: 20.825 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

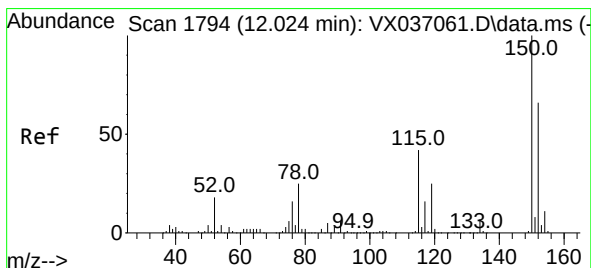
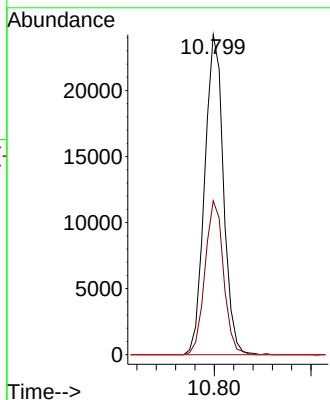
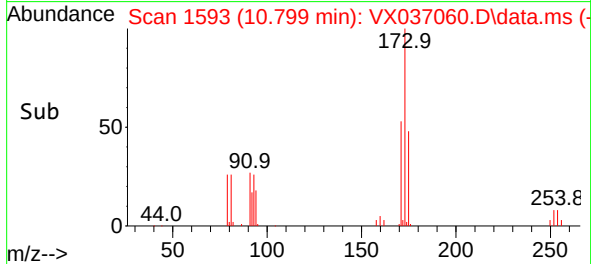
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



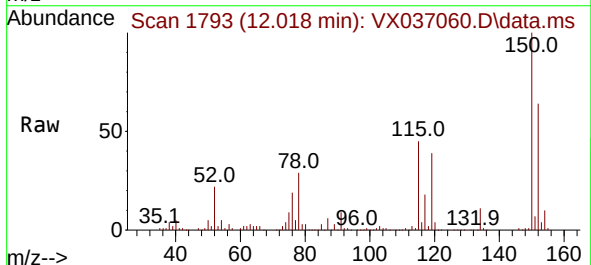
Tgt Ion:173 Resp: 3264
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

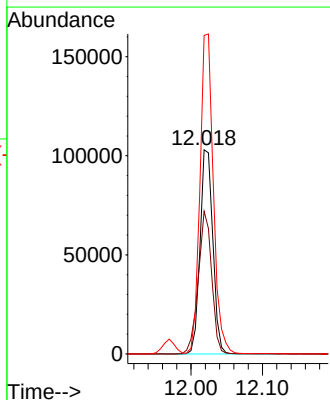
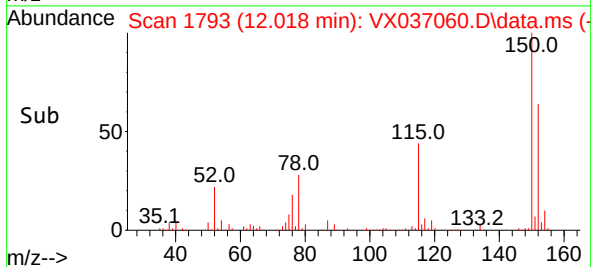
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

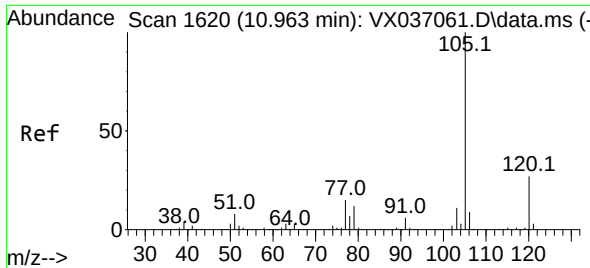


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46



Tgt Ion:152 Resp: 128371
Ion Ratio Lower Upper
152 100
115 73.3 43.3 129.9
150 163.4 0.0 345.0





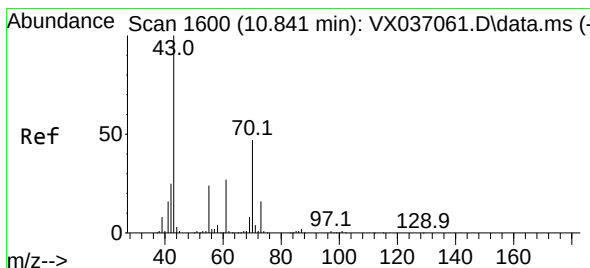
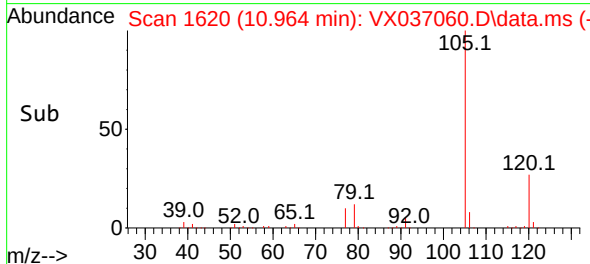
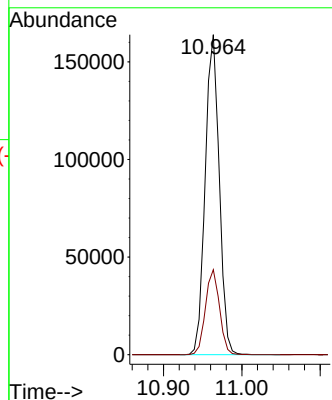
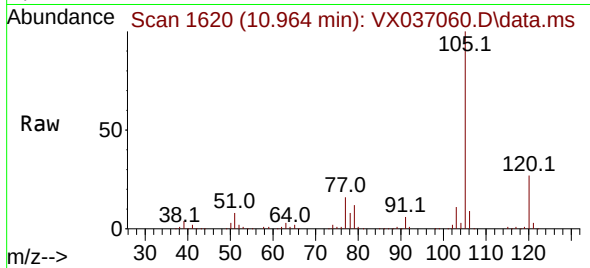
#73
Isopropylbenzene
Concen: 21.822 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 203612
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

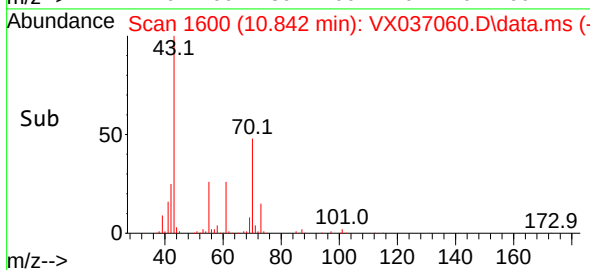
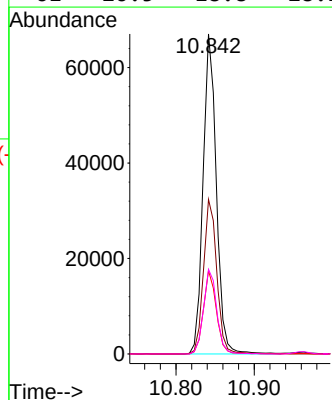
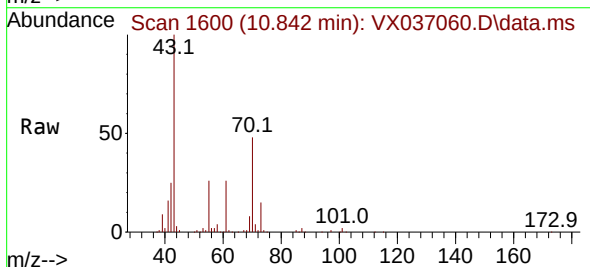
Manual Integrations
APPROVED

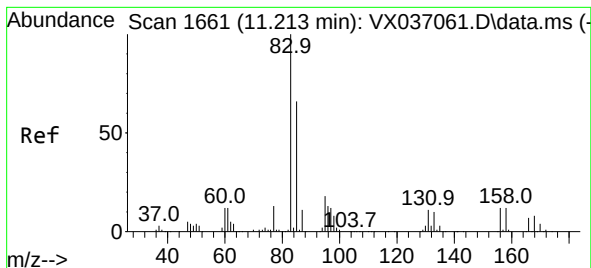
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#74
N-ethyl acetate
Concen: 21.740 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 43 Resp: 78818
Ion Ratio Lower Upper
43 100
70 48.7 32.9 49.3
55 25.5 19.3 28.9
61 26.5 18.8 28.2





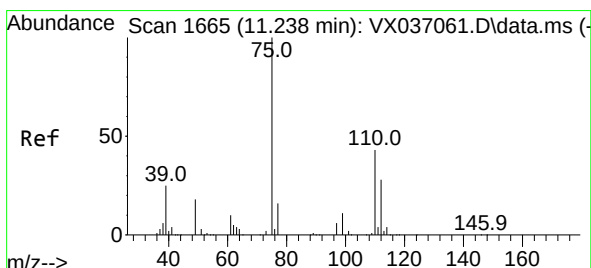
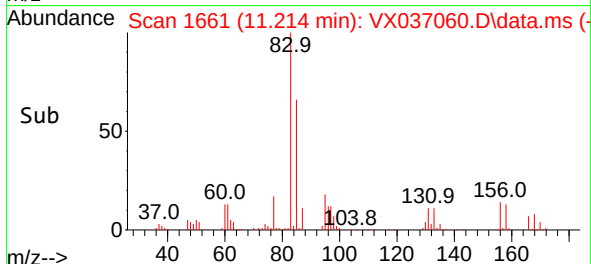
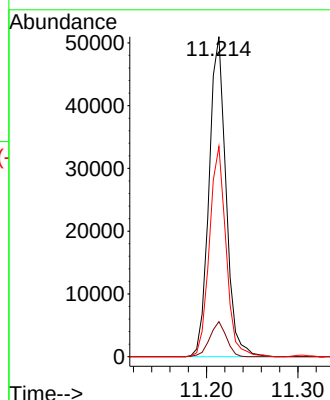
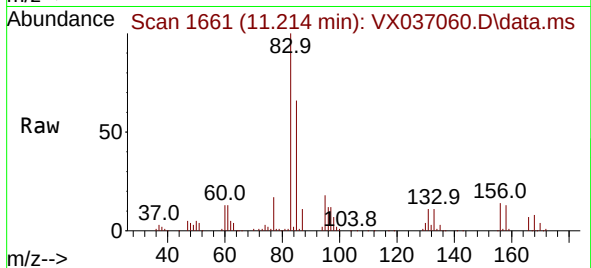
#75
1,1,2,2-Tetrachloroethane
Concen: 20.868 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 6557
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 64.4 32.0 96.2

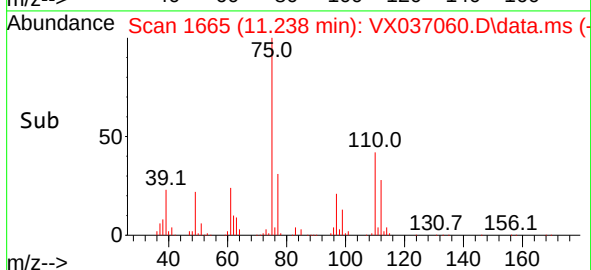
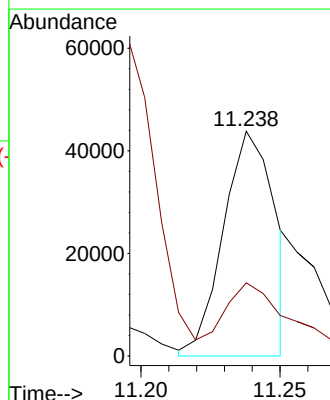
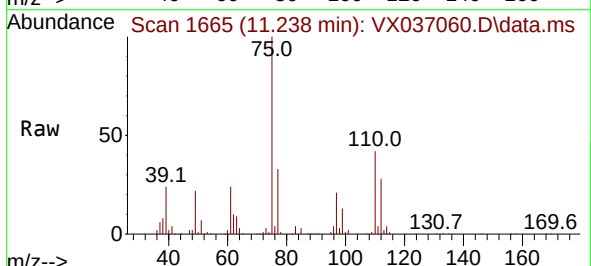
Manual Integrations
APPROVED

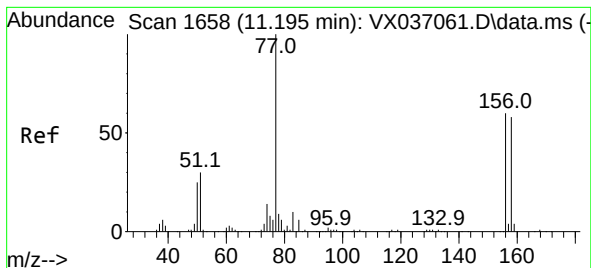
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#76
1,2,3-Trichloropropane
Concen: 20.644 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion: 75 Resp: 56437
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 21.074 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

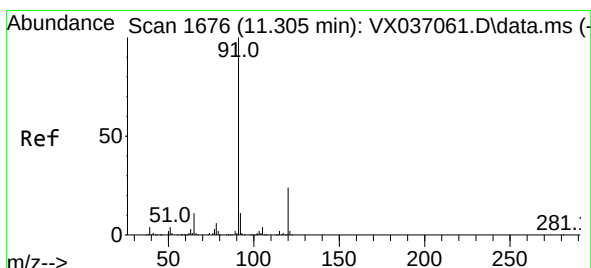
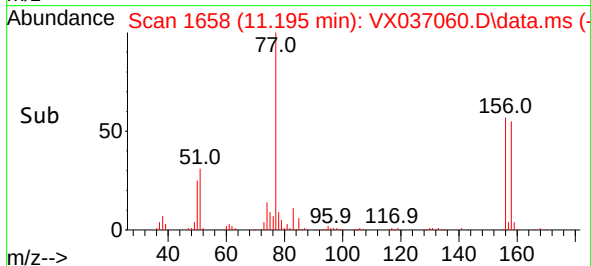
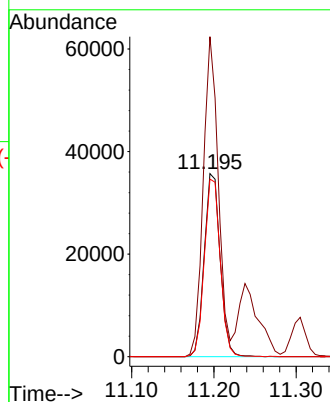
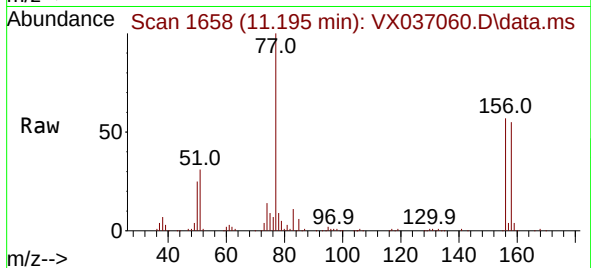
Tgt Ion:	156	Resp:	48024
Ion Ratio	Lower	Upper	
156	100		
77	164.9	88.4	265.3
158	97.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#78

n-propylbenzene

Concen: 21.886 ug/l

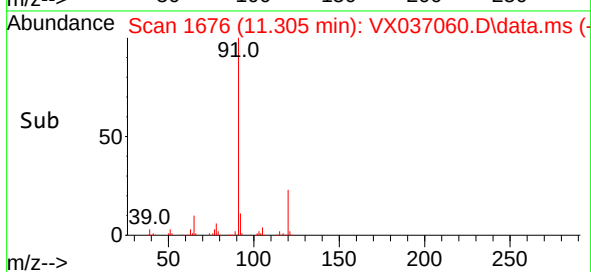
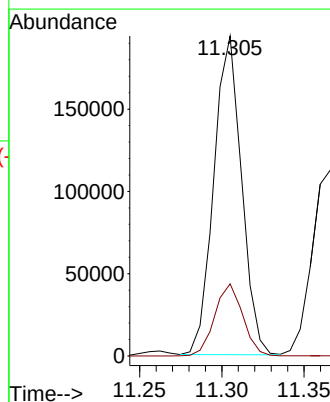
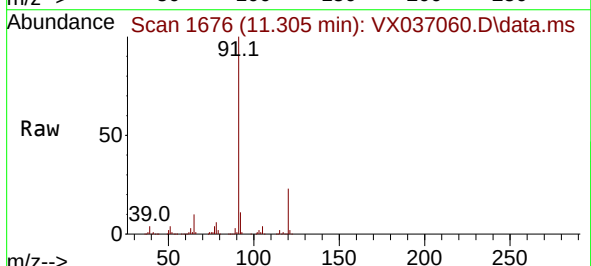
RT: 11.305 min Scan# 1676

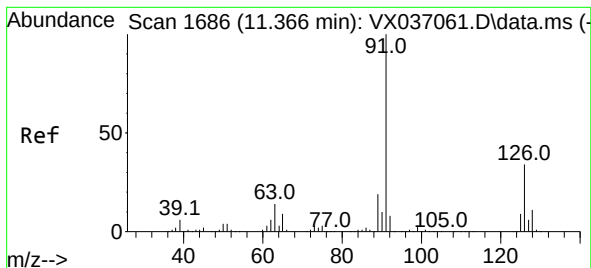
Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

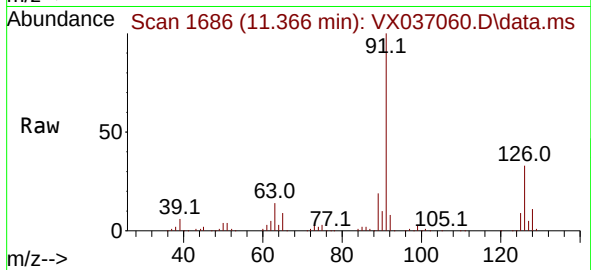
Tgt Ion:	91	Resp:	227389
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





#79
2-Chlorotoluene
Concen: 21.308 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

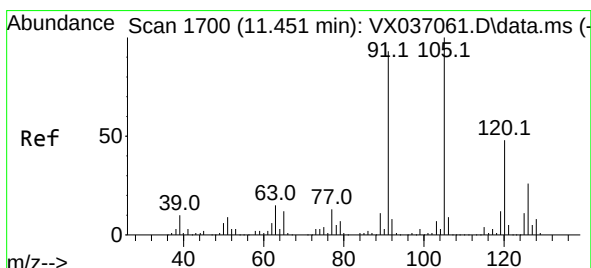
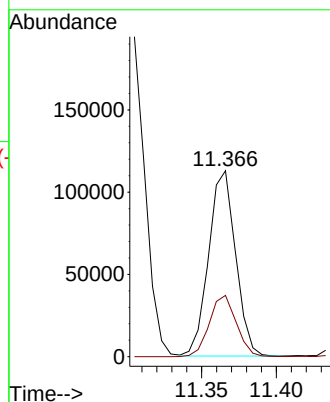
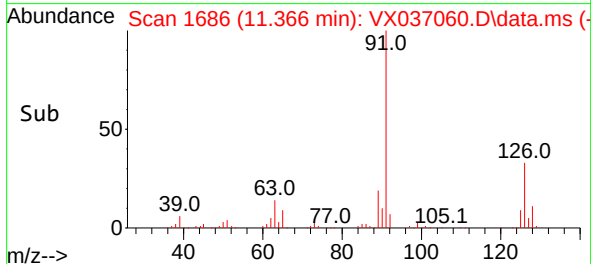
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



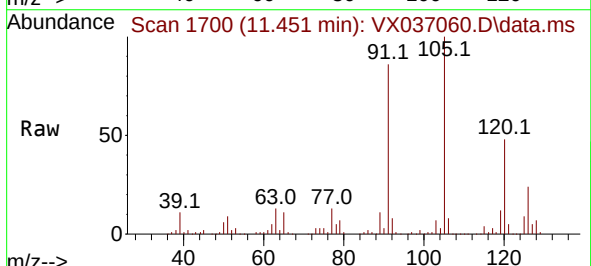
Tgt Ion: 91 Resp: 141479
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

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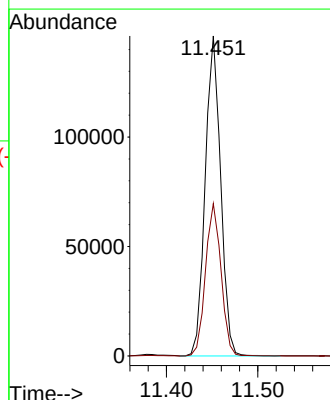
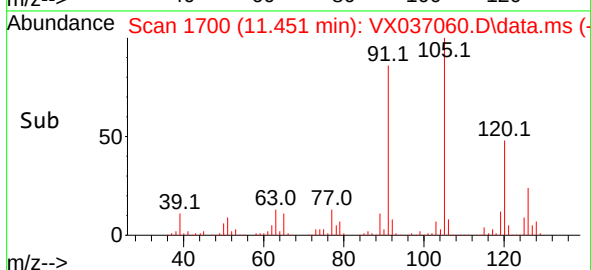
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

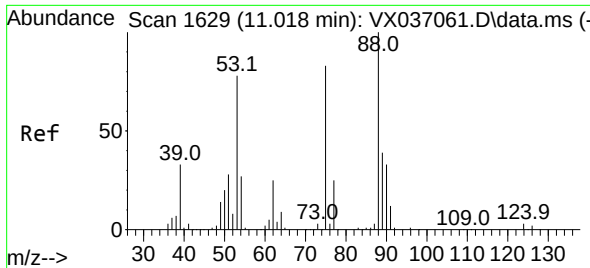


#80
1,3,5-Trimethylbenzene
Concen: 21.950 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46



Tgt Ion:105 Resp: 170847
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





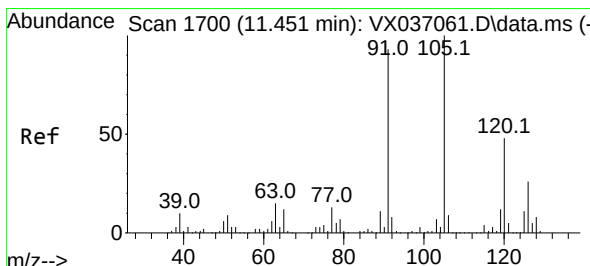
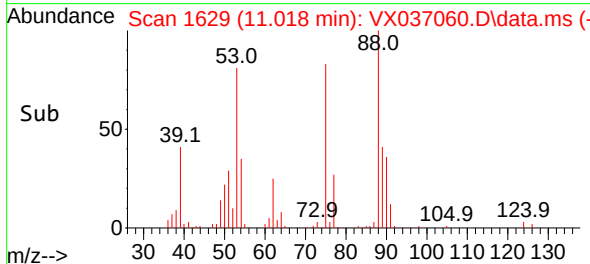
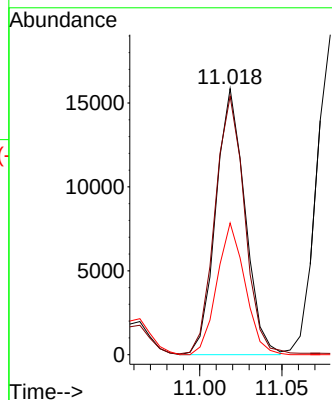
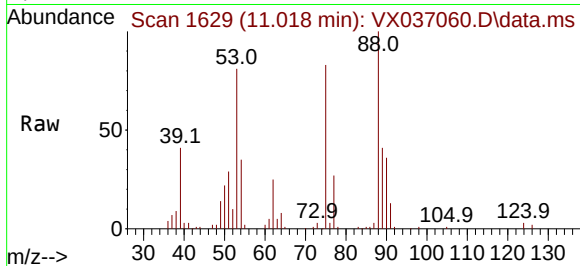
#81
trans-1,4-Dichloro-2-butene
Concen: 19.924 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 19502
Ion Ratio Lower Upper
75 100
53 99.7 90.5 135.7
89 47.7 36.9 55.3

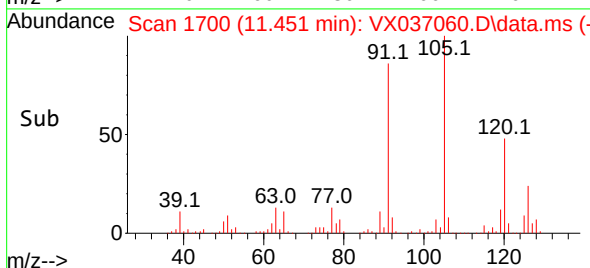
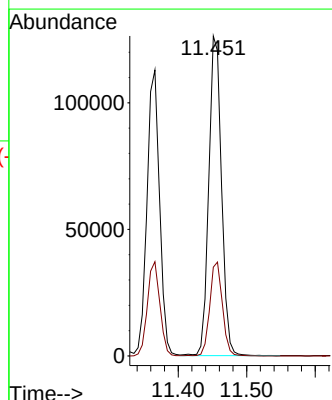
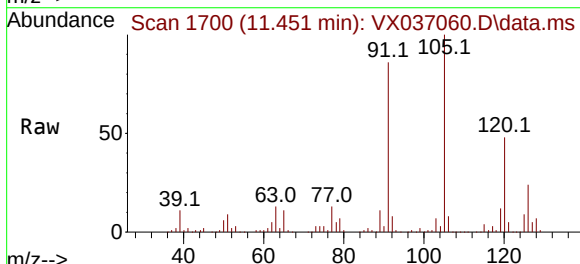
Manual Integrations
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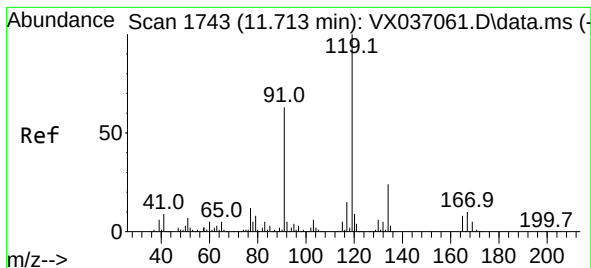
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#82
4-Chlorotoluene
Concen: 21.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

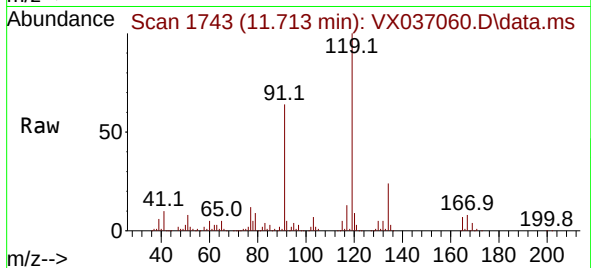
Tgt Ion: 91 Resp: 163264
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.494 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

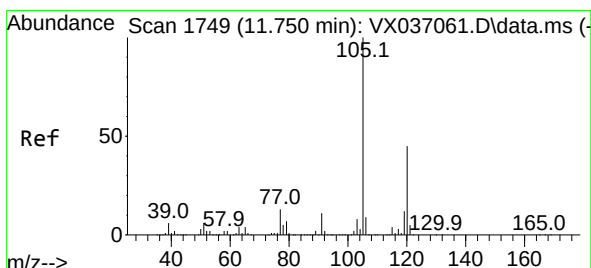
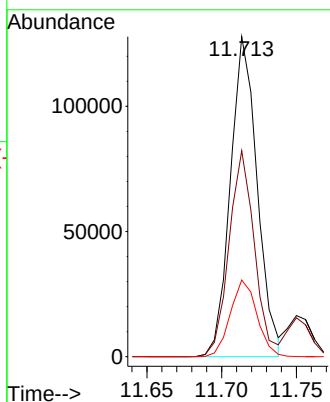
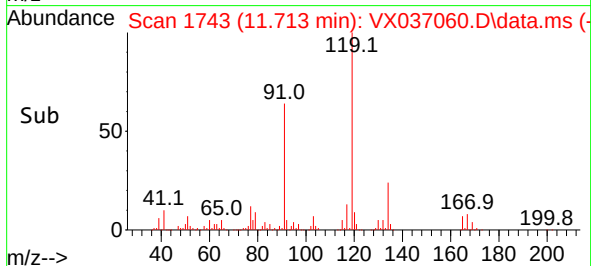
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



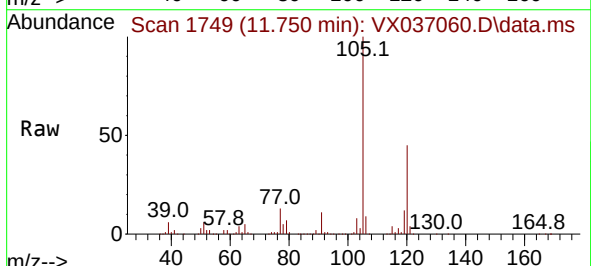
Tgt Ion:119 Resp: 159549
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 23.9 11.7 35.0

Manual Integrations
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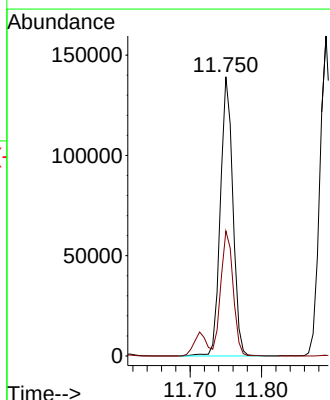
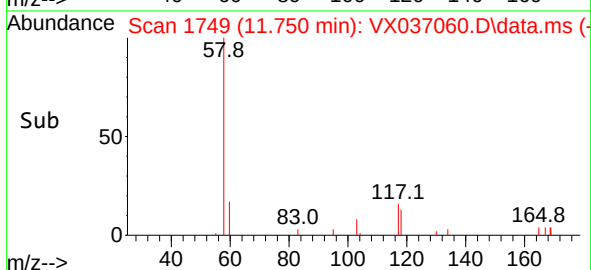
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

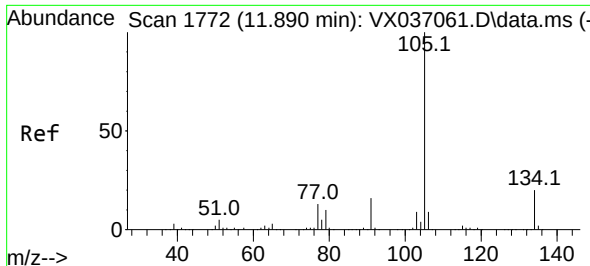


#84
1,2,4-Trimethylbenzene
Concen: 21.449 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46



Tgt Ion:105 Resp: 168728
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6





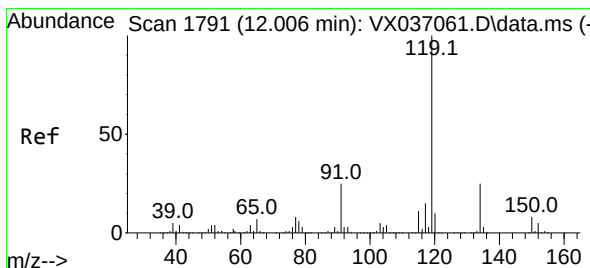
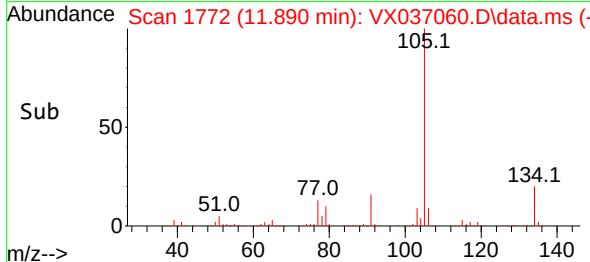
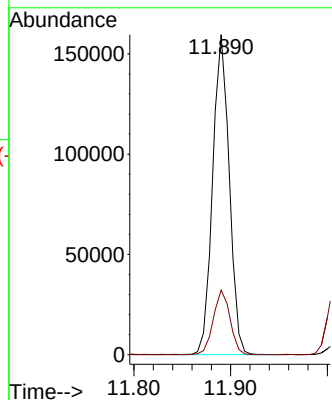
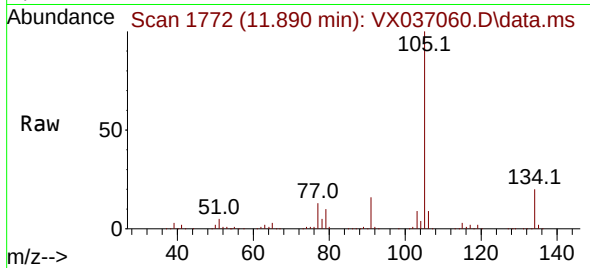
#85
 sec-Butylbenzene
 Concen: 21.936 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037060.D
 Acq: 17 Aug 2023 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 19019
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

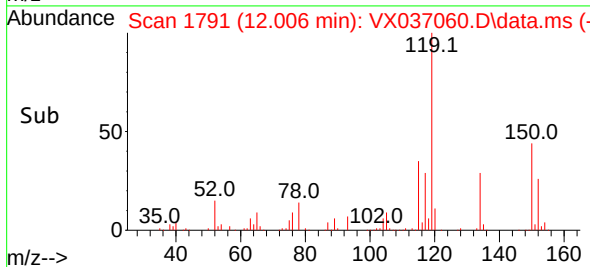
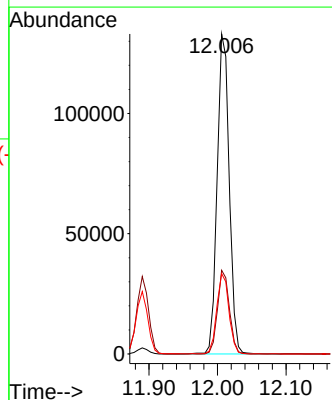
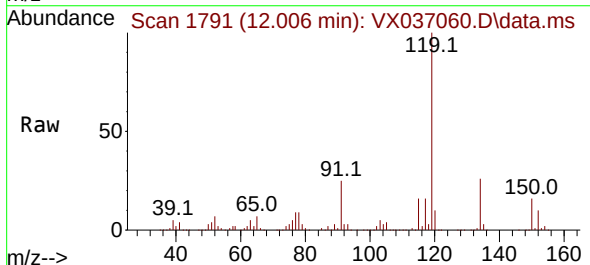
Manual Integrations
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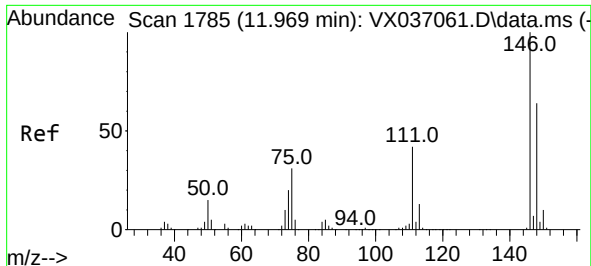
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#86
 p-Isopropyltoluene
 Concen: 21.838 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037060.D
 Acq: 17 Aug 2023 14:46

Tgt Ion:119 Resp: 162994
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.711 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 88362

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.1

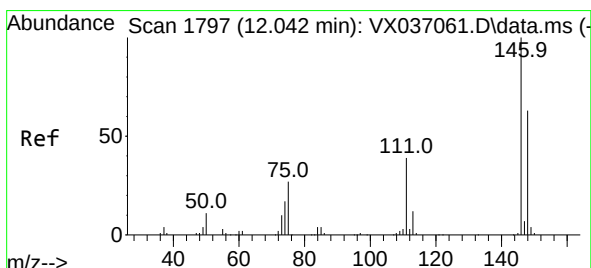
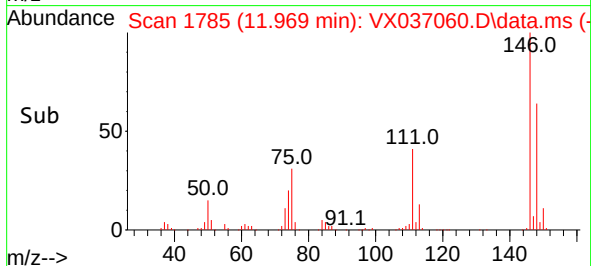
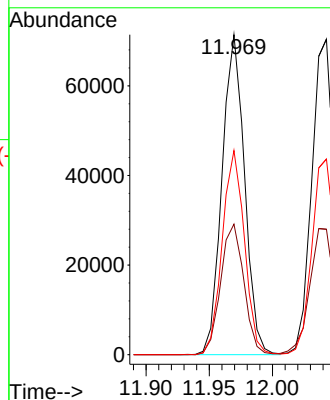
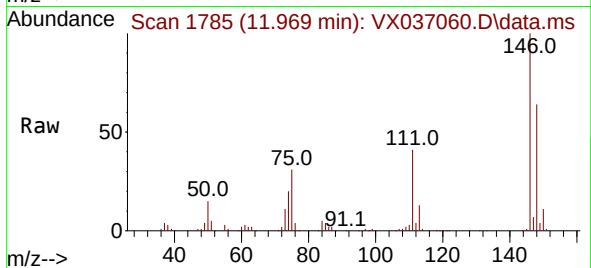
148 62.9 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#88

1,4-Dichlorobenzene

Concen: 20.758 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

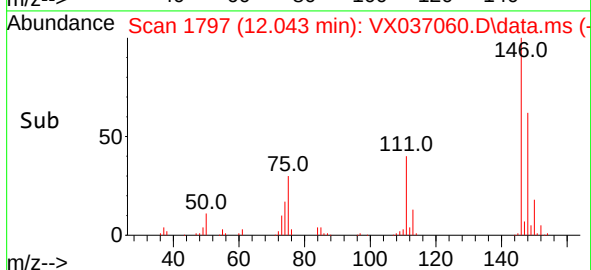
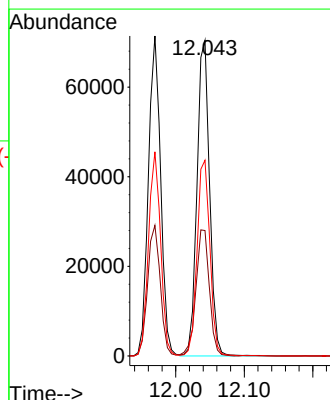
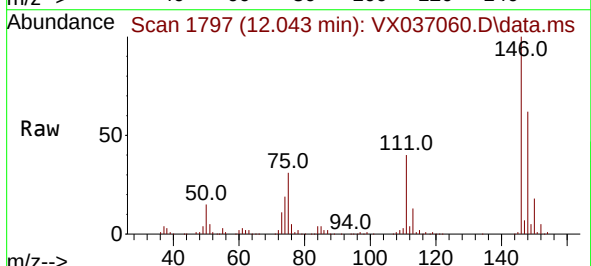
Tgt Ion:146 Resp: 89964

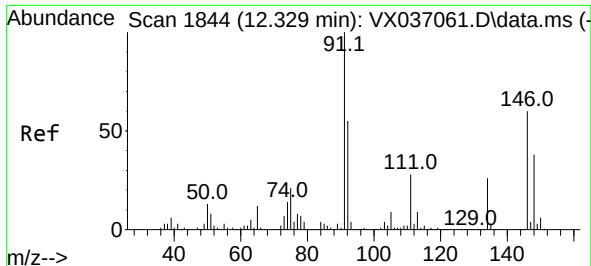
Ion Ratio Lower Upper

146 100

111 42.9 21.3 63.7

148 63.1 31.8 95.4





#89

n-Butylbenzene

Concen: 21.471 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037060.D

Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 132860

Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.0

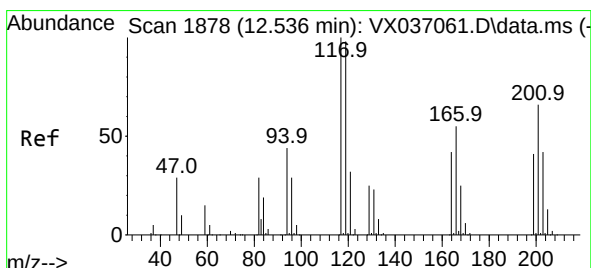
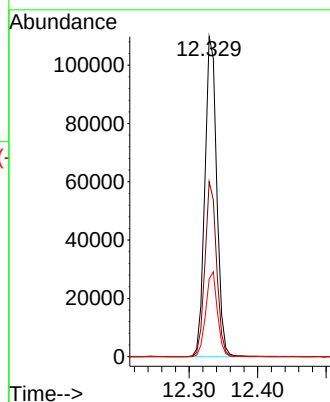
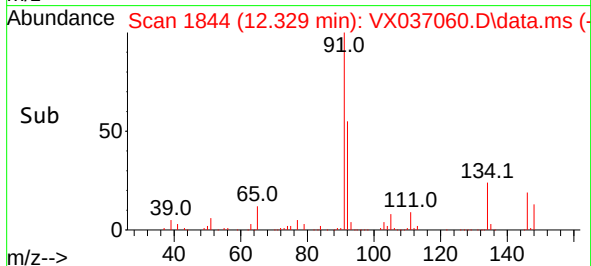
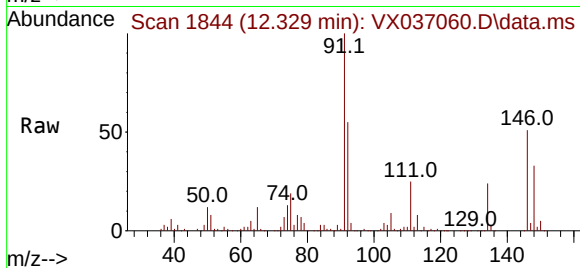
134 26.1 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#90

Hexachloroethane

Concen: 21.177 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037060.D

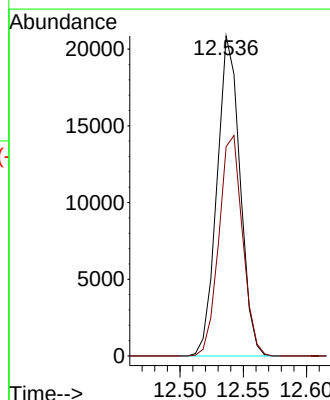
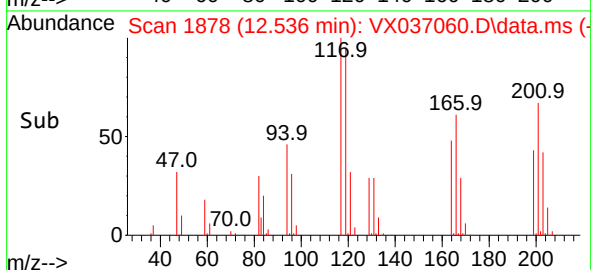
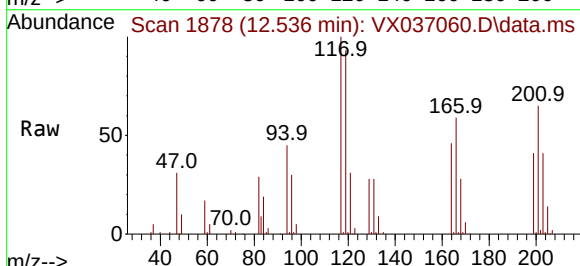
Acq: 17 Aug 2023 14:46

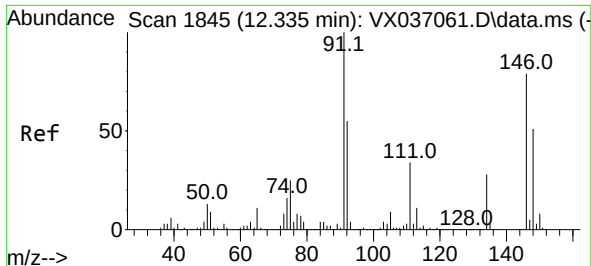
Tgt Ion:117 Resp: 26382

Ion Ratio Lower Upper

117 100

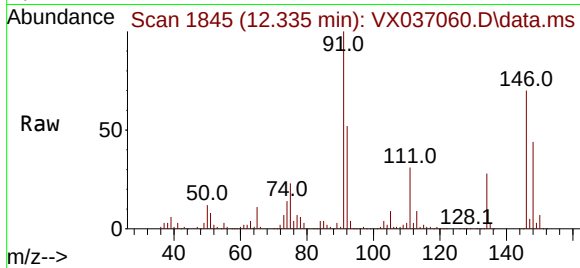
201 70.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.608 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

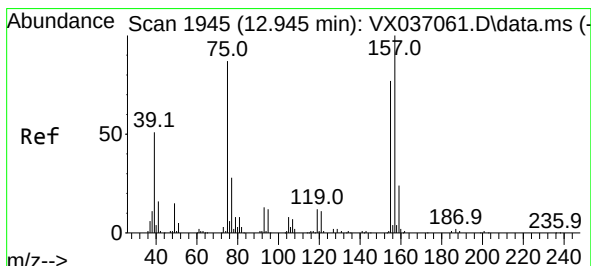
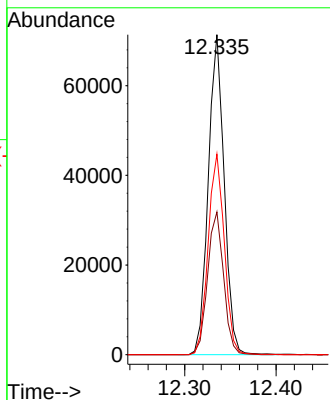
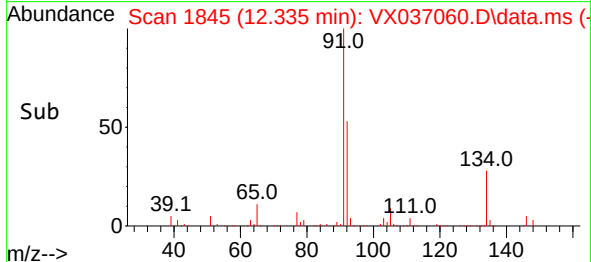
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



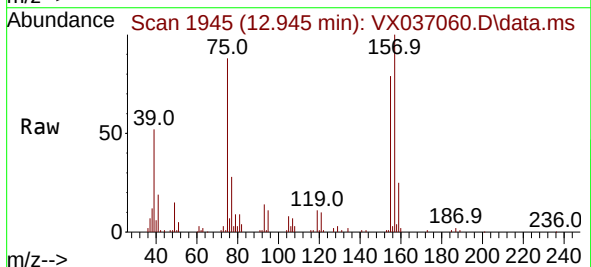
Tgt Ion:146 Resp: 86090
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
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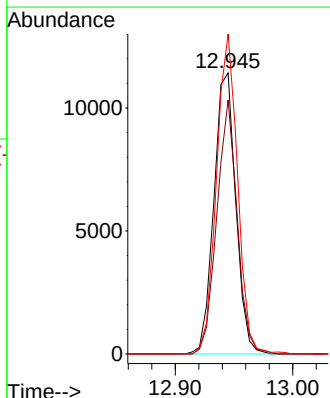
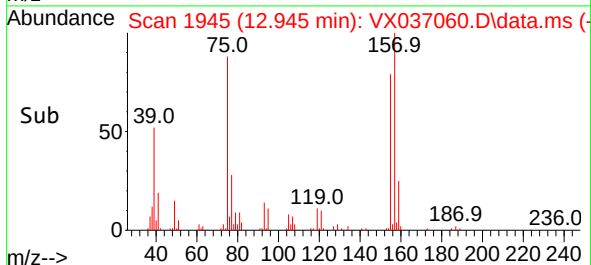
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

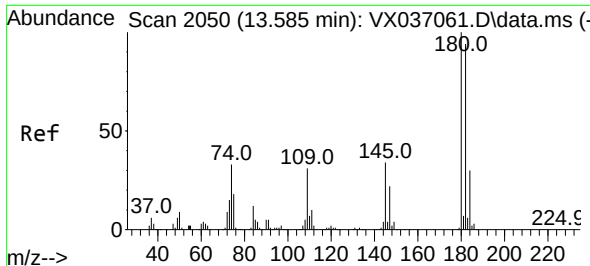


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.234 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46



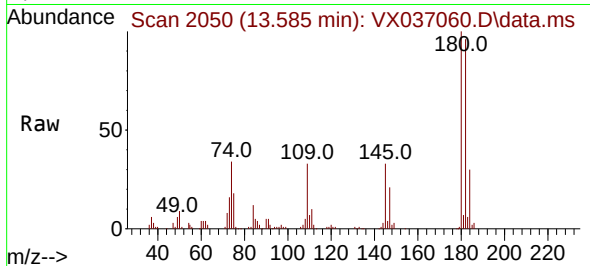
Tgt Ion: 75 Resp: 14774
Ion Ratio Lower Upper
75 100
155 84.2 36.1 108.5
157 109.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.300 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

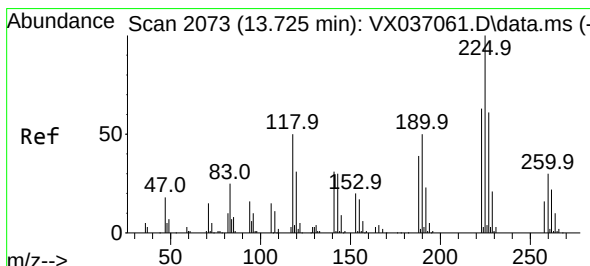
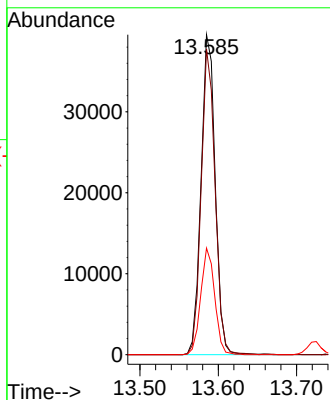
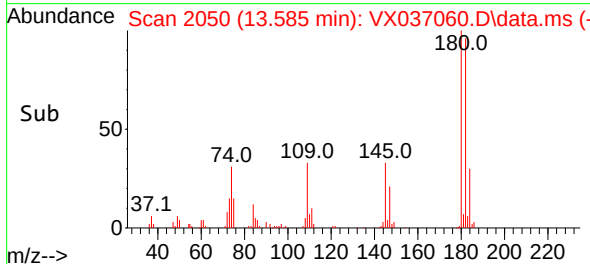
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



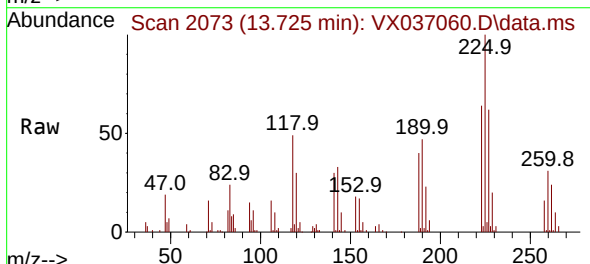
Tgt Ion:180 Resp: 4962
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.8
145 32.9 18.0 54.0

Manual Integrations
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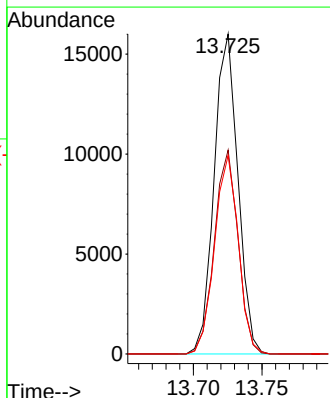
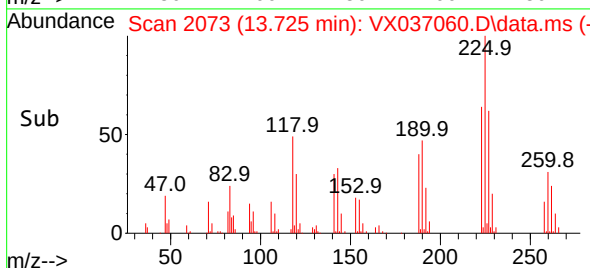
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

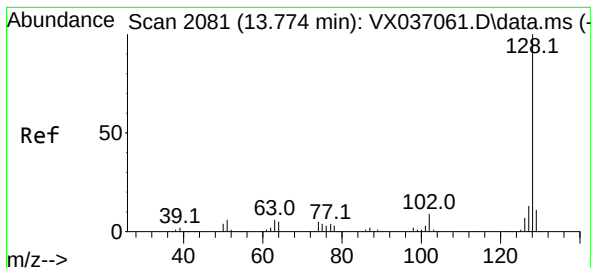


#94
Hexachlorobutadiene
Concen: 20.430 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46



Tgt Ion:225 Resp: 19293
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 62.0 32.5 97.5





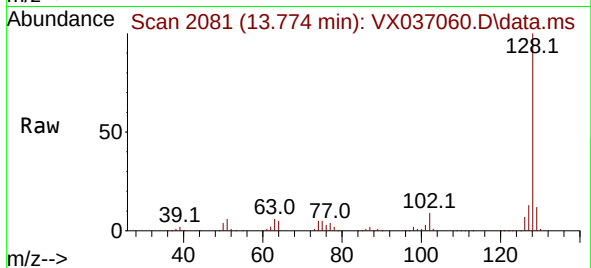
#95
Naphthalene
Concen: 19.007 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



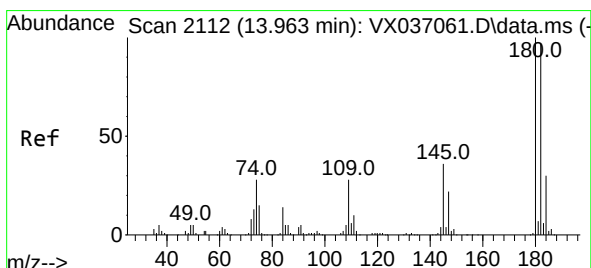
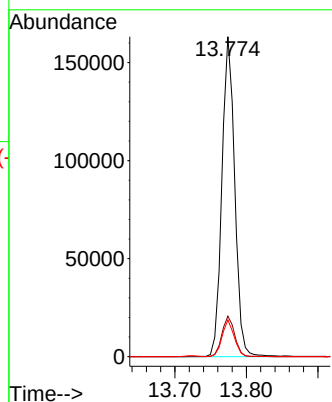
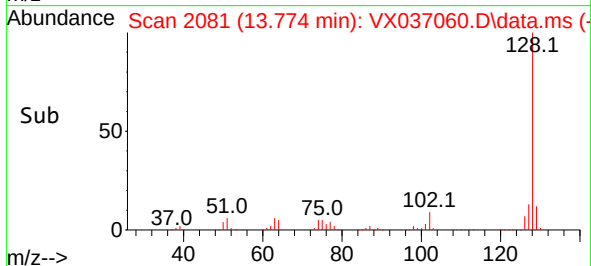
Tgt Ion:128 Resp: 20352
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.377 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037060.D
Acq: 17 Aug 2023 14:46

Tgt Ion:180 Resp: 49489
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 35.9 17.8 53.5

