

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036532.D
 Acq On : 13 Jul 2023 17:54
 Operator : JC/MD
 Sample : VX0714WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

Quant Time: Jul 14 04:37:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	30829	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	164487	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	153943	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	73773	28.832	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.100%		
60) 4-Bromofluorobenzene	11.079	95	74423	29.804	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.333%		
63) Toluene-d8	8.653	98	207975	29.359	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.867%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23523	13.656	ug/l	100
3) Chloromethane	1.301	50	41980	17.814	ug/l	96
4) Vinyl Chloride	1.374	62	38686	15.920	ug/l	96
5) Bromomethane	1.611	94	44798	18.001	ug/l	92
6) Chloroethane	1.685	64	27611	16.693	ug/l	93
7) Trichlorofluoromethane	1.886	101	62918	15.959	ug/l	99
8) Diethyl Ether	2.136	74	29915	18.263	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	26203	14.680	ug/l	98
10) 1,1-Dichloroethene	2.319	96	29238	16.206	ug/l	94
11) Methyl Iodide	2.453	142	38682	18.816	ug/l	99
12) Methyl Acetate	2.709	43	80913	19.081	ug/l	97
13) Acrolein	2.239	56	38533	110.765	ug/l	92
14) Acrylonitrile	3.068	53	112930	95.006	ug/l	96
15) Acetone	2.386	58	32116	95.434	ug/l	98
16) Carbon Disulfide	2.514	76	72614	16.590	ug/l	98
17) Allyl chloride	2.666	41	56382	17.617	ug/l	94
18) Methylene Chloride	2.788	84	38817	17.869	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	33507	16.992	ug/l	99
20) Diisopropyl ether	3.764	45	121827	18.677	ug/l #	95
21) 1,1-Dichloroethane	3.611	63	68240	17.945	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	42938	18.092	ug/l	99
23) tert-Butyl Alcohol	2.983	59	52152	94.482	ug/l #	1
24) Methyl tert-Butyl Ether	3.117	73	123117	18.766	ug/l	99
25) Chloroform	5.099	83	71893	18.286	ug/l	97
26) Cyclohexane	5.471	56	43289	14.838	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	44469	17.928	ug/l	99
30) 2-Butanone	4.562	43	161384	103.333	ug/l	100
31) 2,2-Dichloropropane	4.477	77	48720	17.911	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	53658	18.205	ug/l	99
33) Carbon Tetrachloride	5.678	117	43054	17.122	ug/l	99
34) Benzene	6.037	78	149873	19.602	ug/l	98
35) Methacrylonitrile	4.922	41	31910	19.693	ug/l	99
36) 1,2-Dichloroethane	6.086	62	59783	20.365	ug/l	100
37) Trichloroethene	7.129	130	38174	18.971	ug/l	100
38) Methylcyclohexane	7.385	83	45626	15.812	ug/l	97
39) 1,2-Dichloropropane	7.434	63	40399	19.493	ug/l	100
40) Dibromomethane	7.580	93	30364	20.227	ug/l	98
41) Bromodichloromethane	7.824	83	52343	19.212	ug/l	95
42) Vinyl Acetate	3.721	43	485181	102.850	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	63421	20.862	ug/l	98
44) Isopropyl Acetate	6.342	43	99766	20.578	ug/l	99
45) 1,4-Dioxane	7.684	88	23000	417.943	ug/l #	1
46) Methyl methacrylate	7.696	41	48564	20.959	ug/l	93
47) n-amyl Acetate	10.842	43	83672	20.347	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	58391	19.540	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	63333	19.620	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	41587	20.408	ug/l	95
51) Ethyl methacrylate	9.116	69	65820	20.573	ug/l	97
52) 1,3-Dichloropropane	9.311	76	70622	20.535	ug/l	99
53) Dibromochloromethane	9.525	129	40667	19.771	ug/l	99
54) 1,2-Dibromoethane	9.610	107	45195	21.112	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	181705	105.603	ug/l	99
56) Bromoform	10.799	173	28378	19.830	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	323764	101.706	ug/l	100
59) 2-Hexanone	9.433	43	245936	101.553	ug/l	99
61) Tetrachloroethene	9.275	164	32318	17.528	ug/l	98
62) Toluene	8.720	91	162409	18.803	ug/l	99
64) Chlorobenzene	10.079	112	100871	18.759	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	37641	19.382	ug/l	98
66) Ethyl Benzene	10.195	91	171699	18.291	ug/l	97
67) m/p-Xylenes	10.305	106	133891	36.586	ug/l	98
68) o-Xylene	10.640	106	68863	18.960	ug/l	98
69) Styrene	10.659	104	111523	18.938	ug/l	99
70) Isopropylbenzene	10.963	105	162332	17.945	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	66290	20.077	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	61521m	20.108	ug/l	
73) Bromobenzene	11.201	156	43766	19.572	ug/l	97
74) n-propylbenzene	11.305	91	187680	17.627	ug/l	99
75) 2-Chlorotoluene	11.366	91	120482	18.608	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	141451	18.197	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19078	18.989	ug/l	96
78) 4-Chlorotoluene	11.457	91	137660	18.673	ug/l	99
79) tert-butylbenzene	11.713	119	130270	17.657	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	142391	18.487	ug/l	99
81) sec-Butylbenzene	11.890	105	157236	16.932	ug/l	99
82) p-Isopropyltoluene	12.012	119	133145	17.233	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	78391	18.847	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	78234	18.876	ug/l	98
85) n-Butylbenzene	12.335	91	112726	16.028	ug/l	98
86) Hexachloroethane	12.542	117	21281	16.636	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	80874	19.385	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	13863	18.673	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	45984	17.478	ug/l	98
90) Hexachlorobutadiene	13.725	225	14859	15.549	ug/l	98
91) Naphthalene	13.774	128	174158	18.866	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	48776	18.367	ug/l	96

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

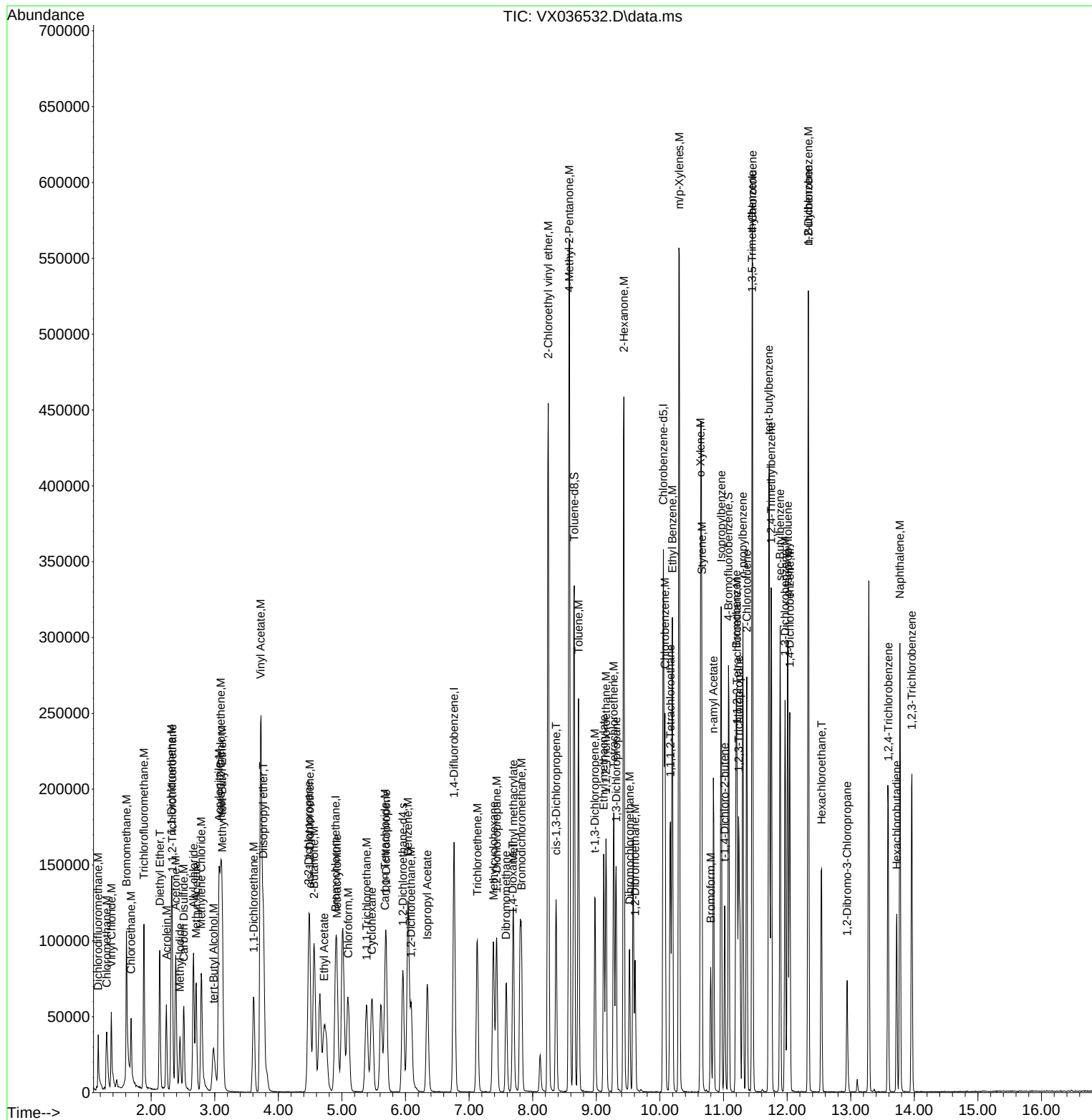
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
Data File : VX036532.D
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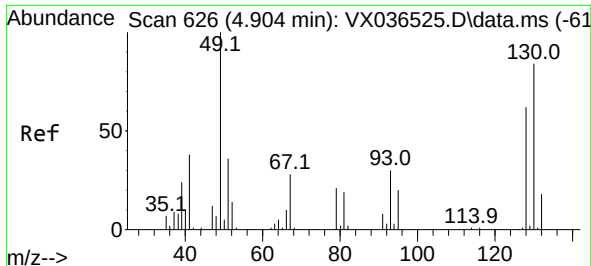
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

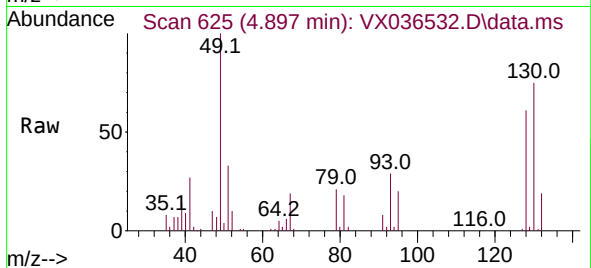
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 14 04:32:22 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

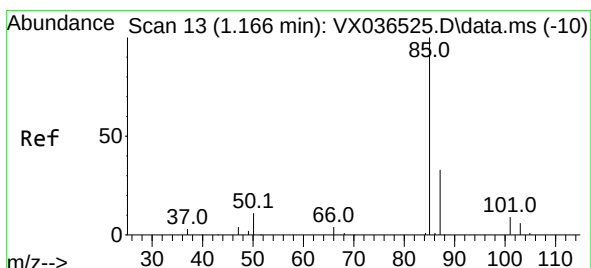
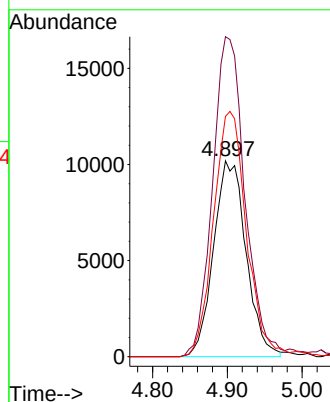
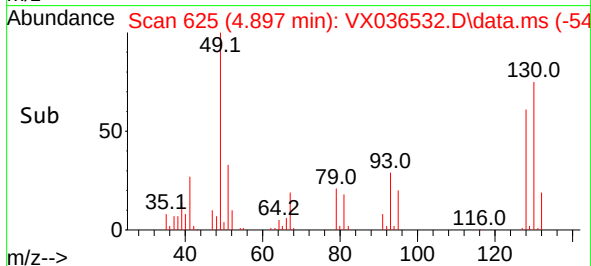
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion:128 Resp: 30829
Ion Ratio Lower Upper
128 100
49 162.2 0.0 406.3
130 126.6 0.0 328.0

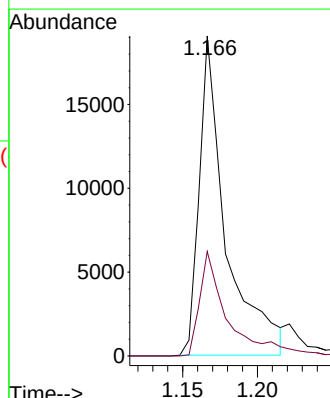
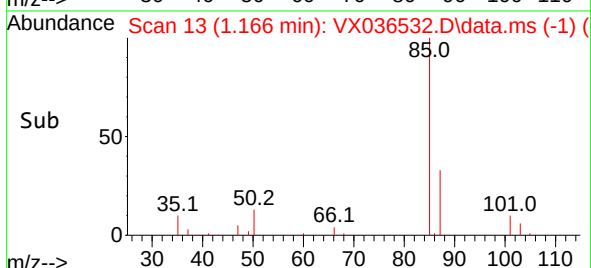
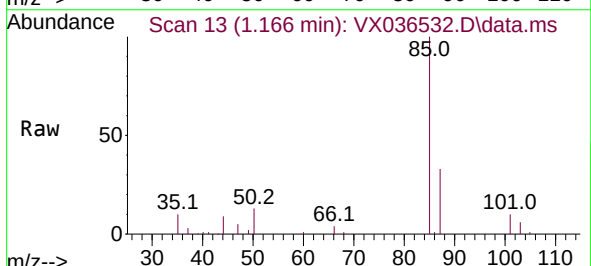
Manual Integrations
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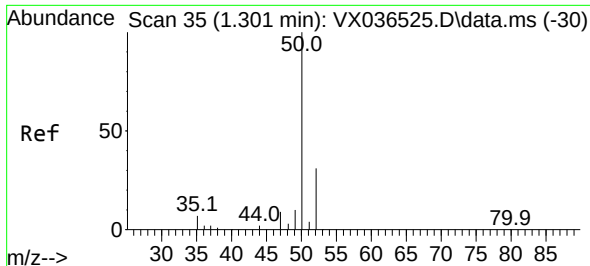
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 13.656 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

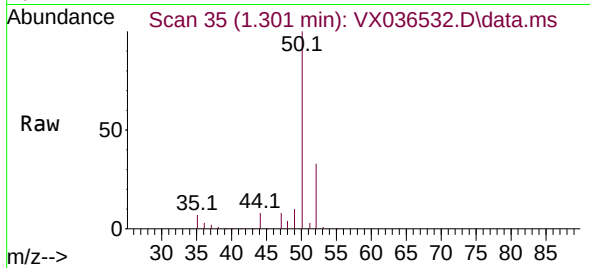
Tgt Ion: 85 Resp: 23523
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.4





#3
Chloromethane
Concen: 17.814 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

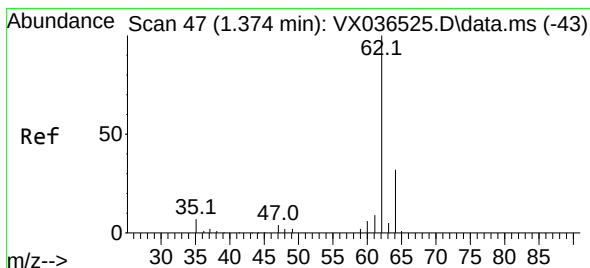
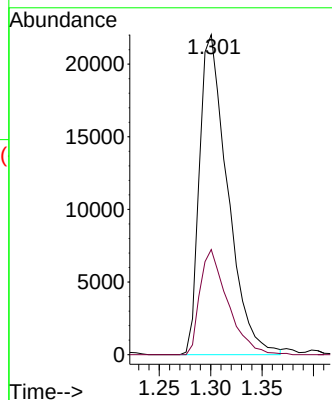
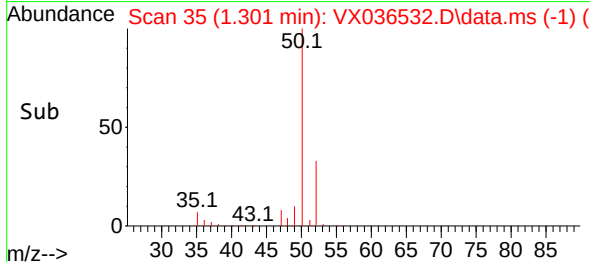
Instrument :
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VX0714WBSD01



Tgt Ion: 50 Resp: 41980
Ion Ratio Lower Upper
50 100
52 32.9 24.5 36.7

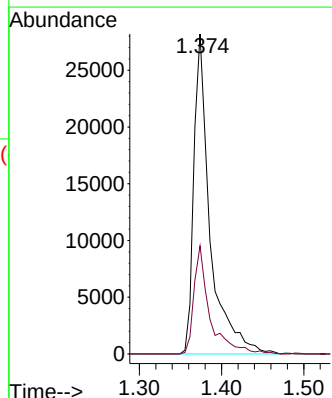
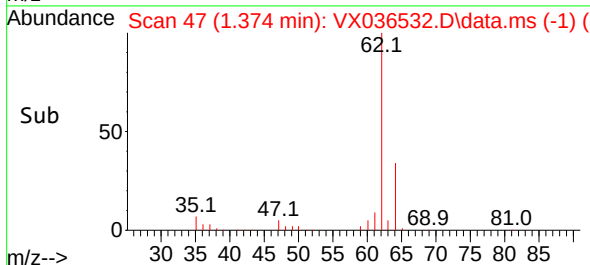
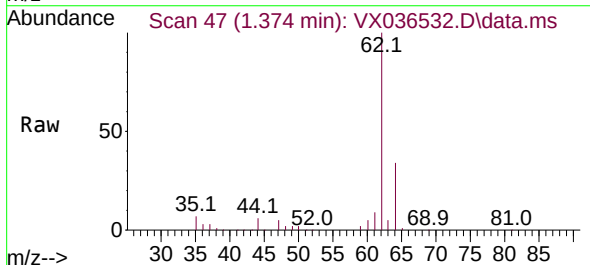
Manual Integrations
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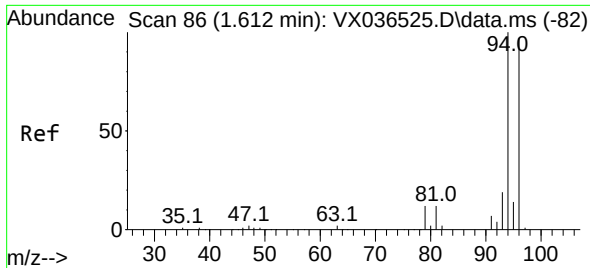
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 15.920 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

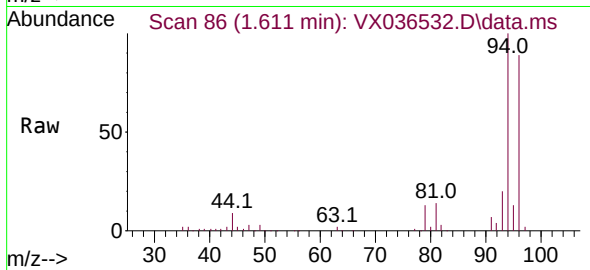
Tgt Ion: 62 Resp: 38686
Ion Ratio Lower Upper
62 100
64 33.7 25.3 37.9





#5
Bromomethane
Concen: 18.001 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

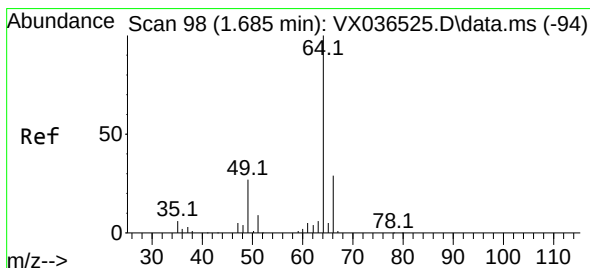
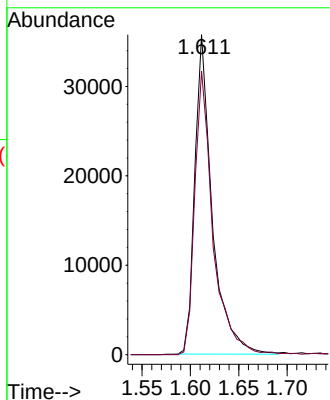
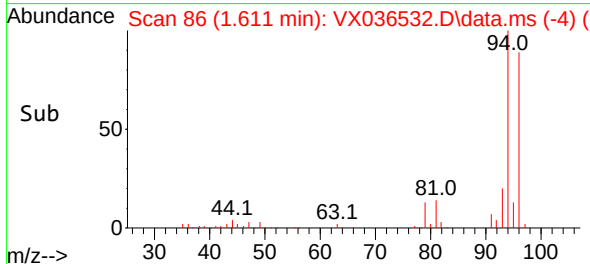
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 44798
Ion Ratio Lower Upper
94 100
96 88.8 77.4 116.2

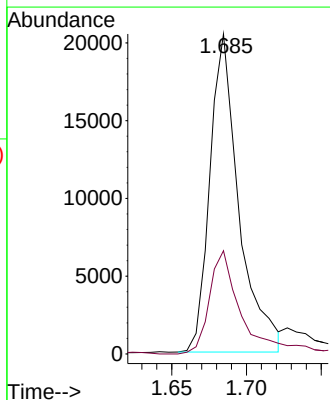
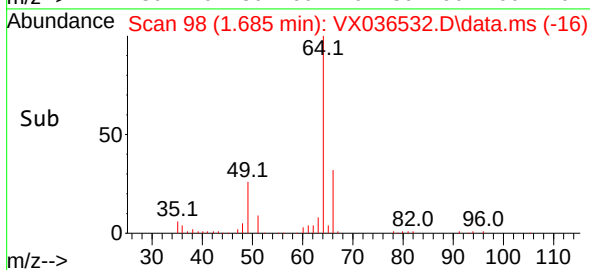
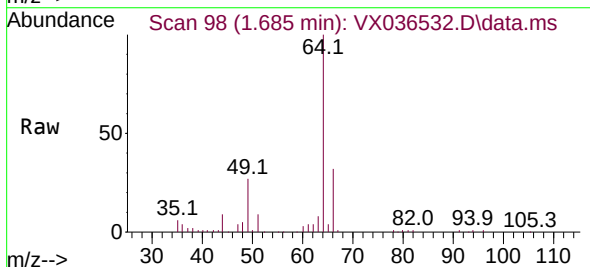
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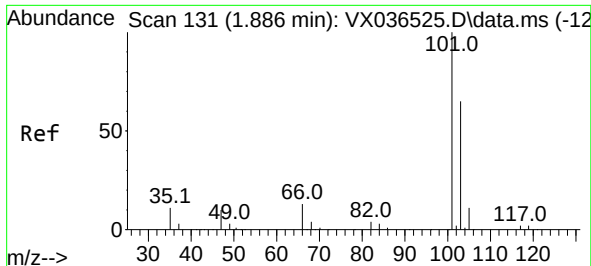
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 16.693 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

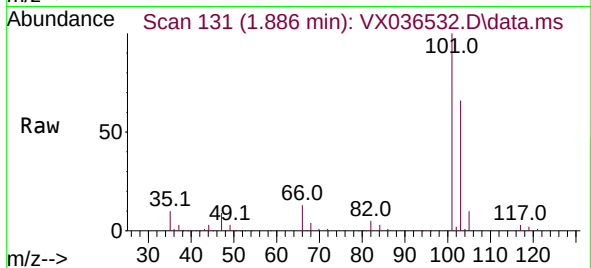
Tgt Ion: 64 Resp: 27611
Ion Ratio Lower Upper
64 100
66 32.4 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 15.959 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036532.D
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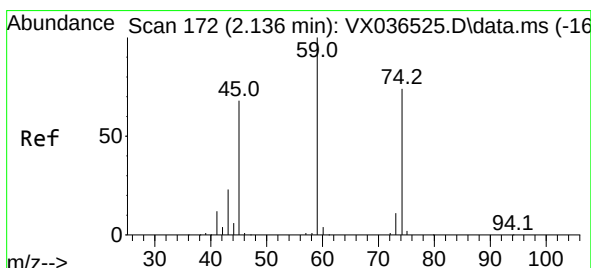
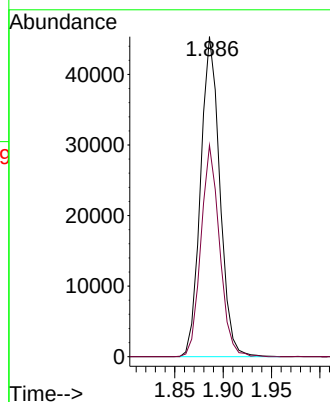
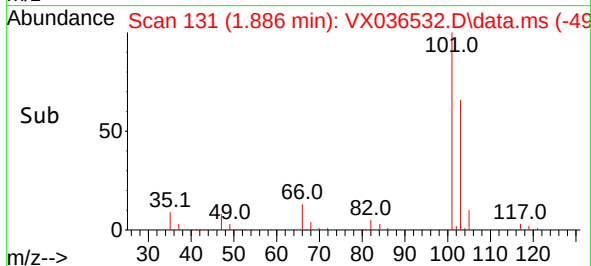
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 62918
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.2

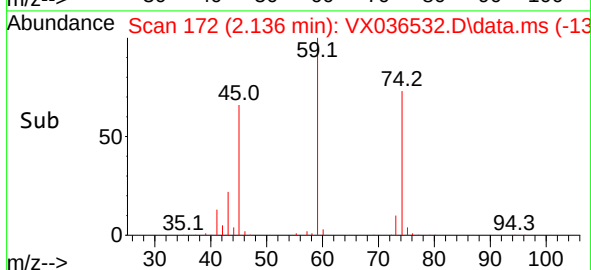
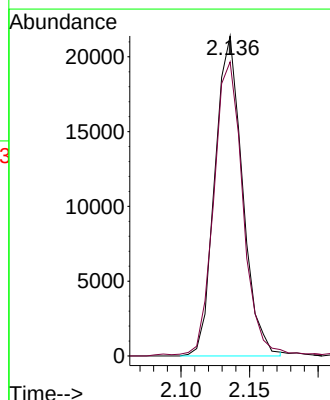
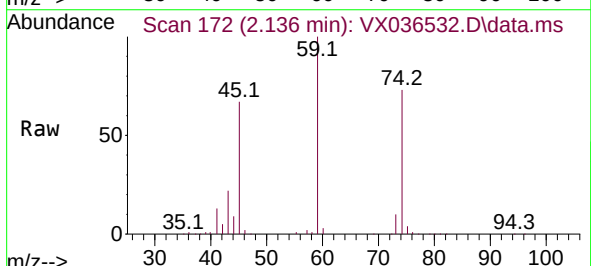
Manual Integrations
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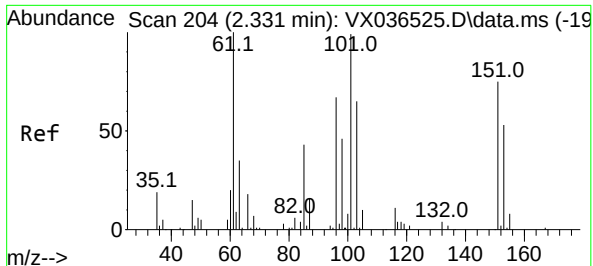
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#8
 Diethyl Ether
 Concen: 18.263 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036532.D
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Tgt Ion: 74 Resp: 29915
 Ion Ratio Lower Upper
 74 100
 45 97.4 19.9 178.9





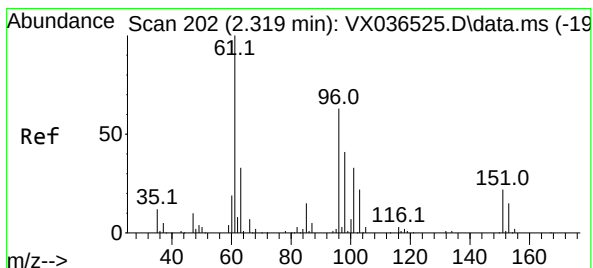
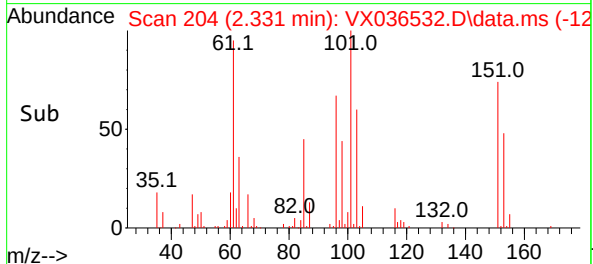
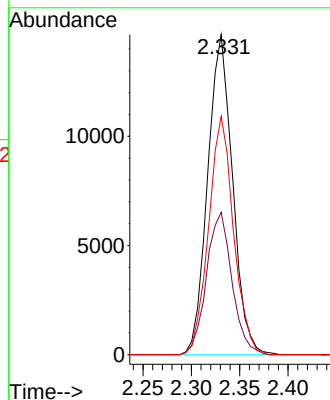
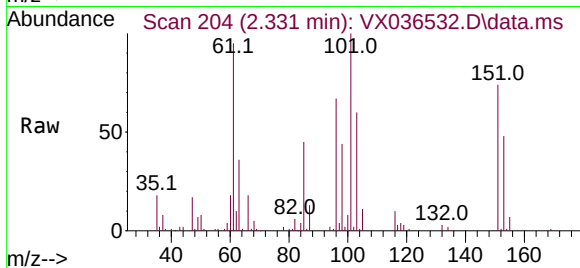
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1,1,2-Trichlorotrifluoroethane
Concen: 14.680 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 2620
Ion Ratio Lower Upper
101 100
85 45.6 0.0 91.0
151 74.6 0.0 155.4

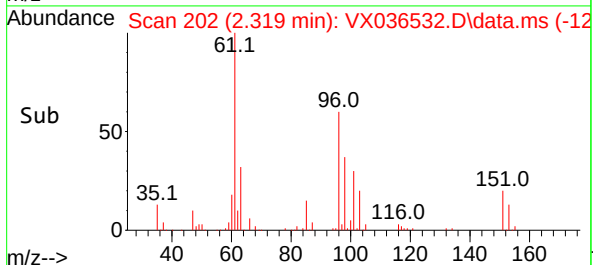
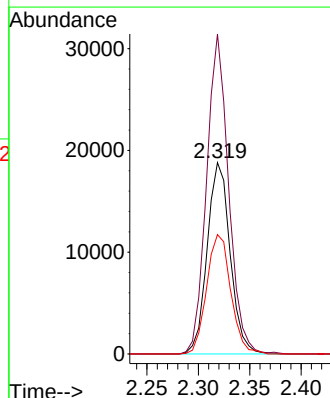
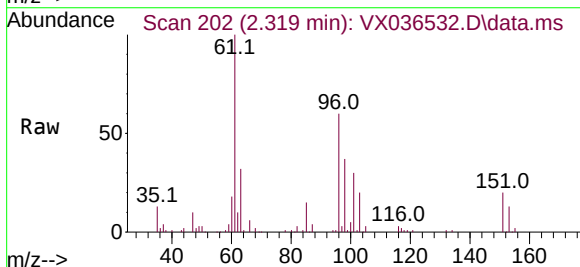
Manual Integrations
APPROVED

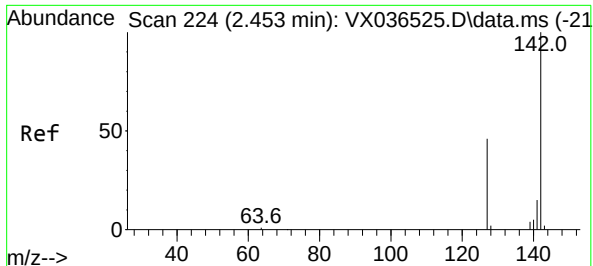
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 16.206 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

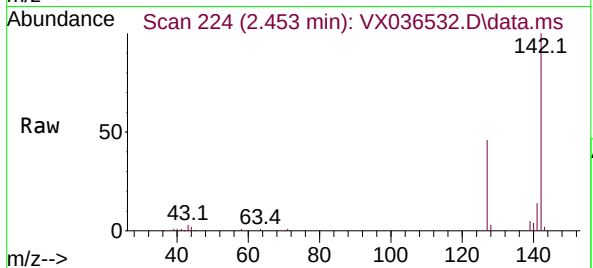
Tgt Ion: 96 Resp: 29238
Ion Ratio Lower Upper
96 100
61 167.2 127.2 190.8
98 62.4 52.7 79.1





#11
Methyl Iodide
Concen: 18.816 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

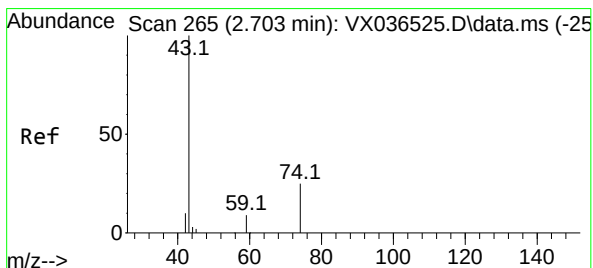
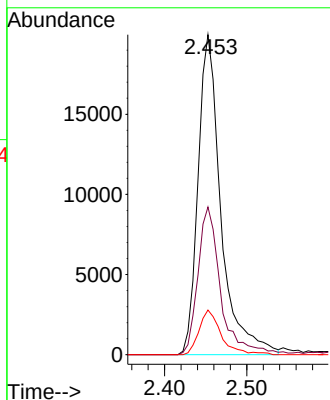
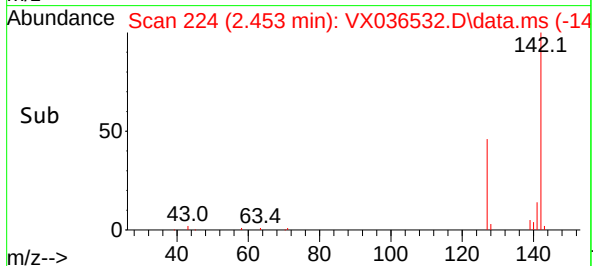
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion:142 Resp: 3868
Ion Ratio Lower Upper
142 100
127 46.2 22.9 68.8
141 14.0 7.5 22.6

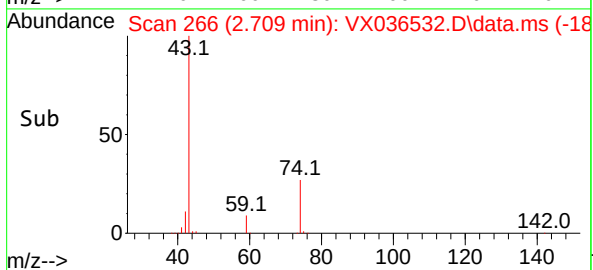
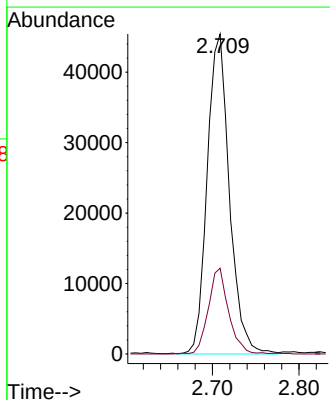
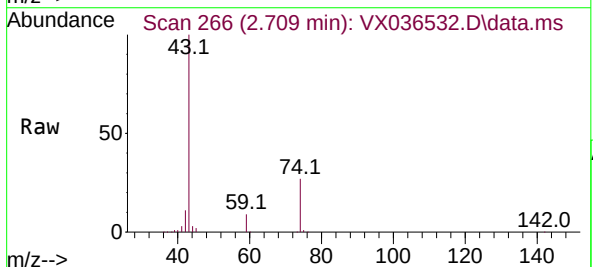
Manual Integrations
APPROVED

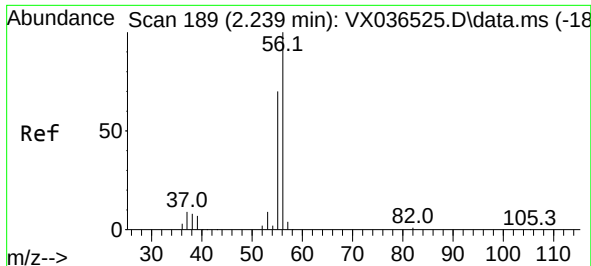
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#12
Methyl Acetate
Concen: 19.081 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

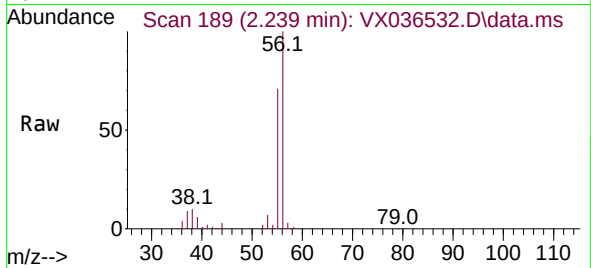
Tgt Ion: 43 Resp: 80913
Ion Ratio Lower Upper
43 100
74 26.7 20.3 30.5





#13
Acrolein
Concen: 110.765 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

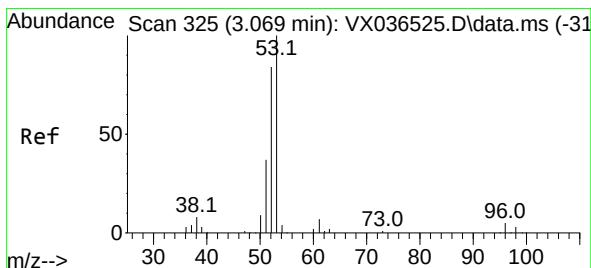
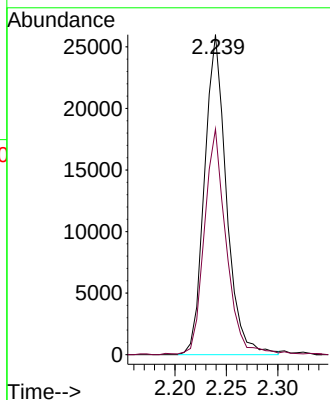
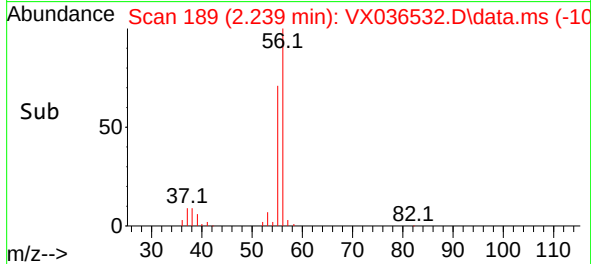
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion: 56 Resp: 3853
Ion Ratio Lower Upper
56 100
55 68.0 59.7 89.5

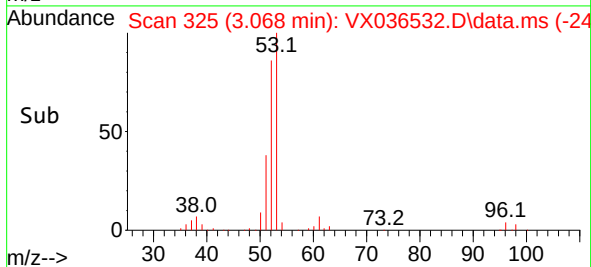
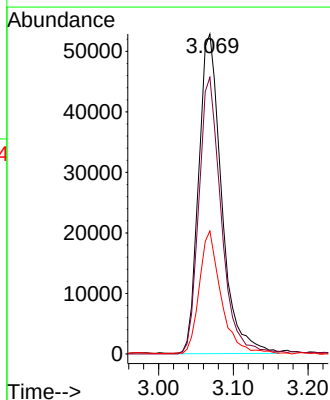
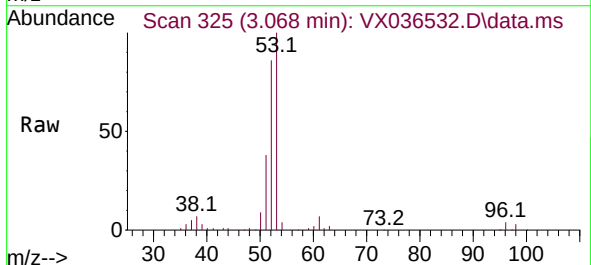
Manual Integrations
APPROVED

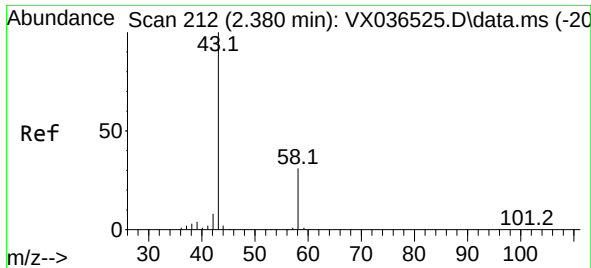
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Acrylonitrile
Concen: 95.006 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 53 Resp: 112930
Ion Ratio Lower Upper
53 100
52 84.3 40.0 119.9
51 35.7 18.2 54.6





#15

Acetone

Concen: 95.434 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 58 Resp: 32110

Ion Ratio Lower Upper

58 100

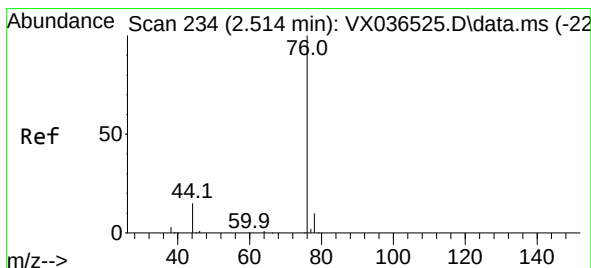
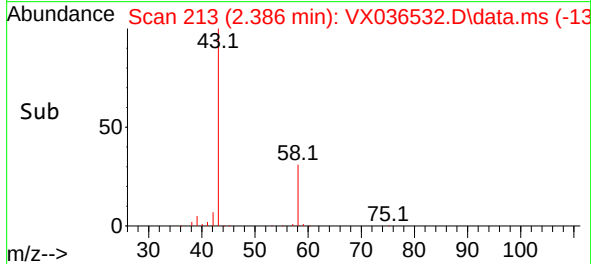
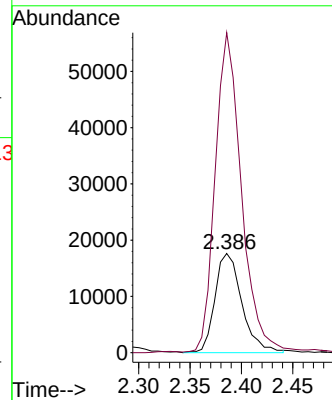
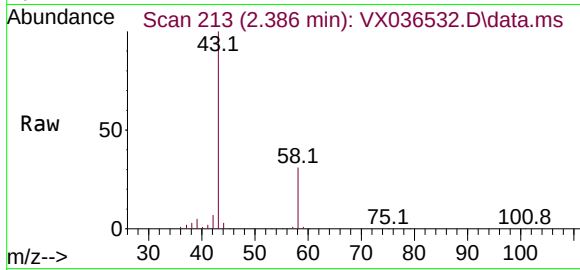
43 321.6 261.0 391.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#16

Carbon Disulfide

Concen: 16.590 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX036532.D

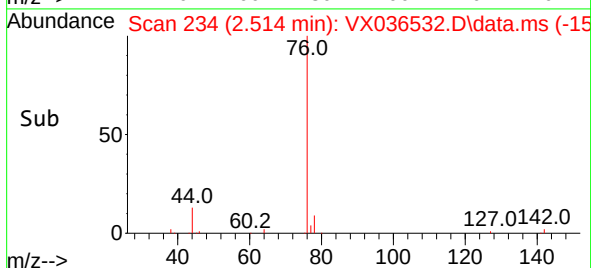
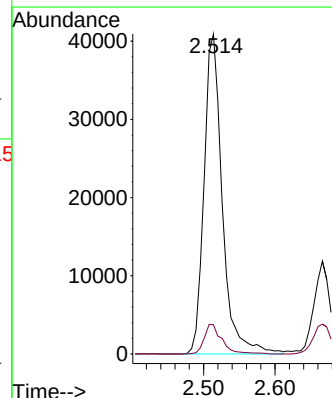
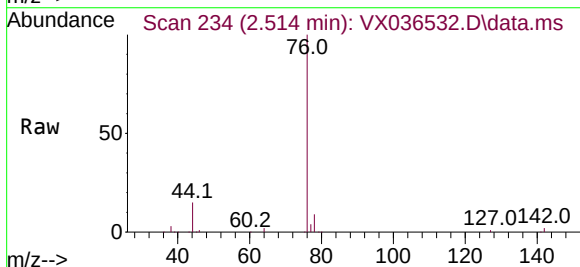
Acq: 13 Jul 2023 17:54

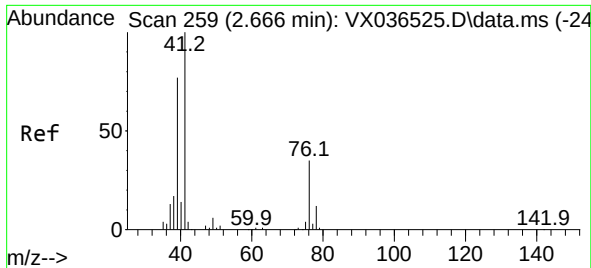
Tgt Ion: 76 Resp: 72614

Ion Ratio Lower Upper

76 100

78 9.1 8.0 12.0





#17

Allyl chloride

Concen: 17.617 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 41 Resp: 5638

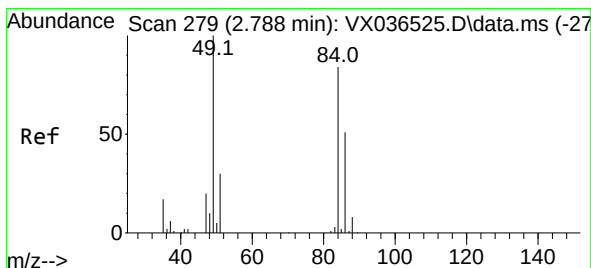
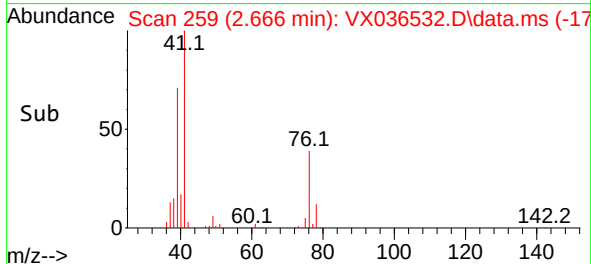
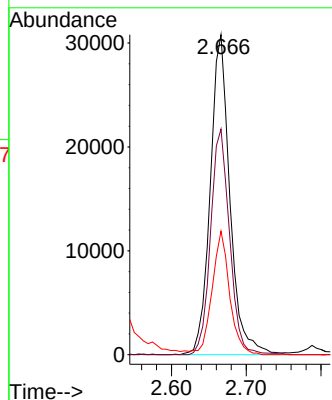
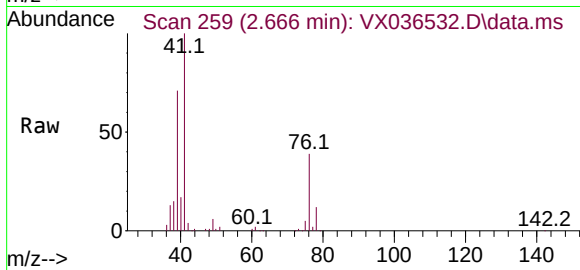
Ion	Ratio	Lower	Upper
41	100		
39	70.5	38.5	115.3
76	38.6	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#18

Methylene Chloride

Concen: 17.869 ug/l

RT: 2.788 min Scan# 279

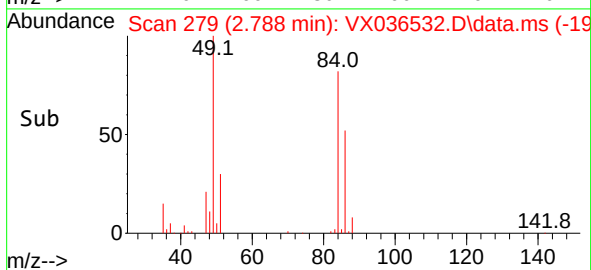
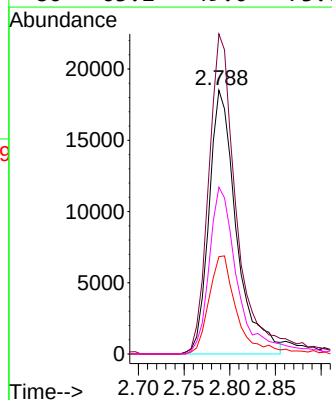
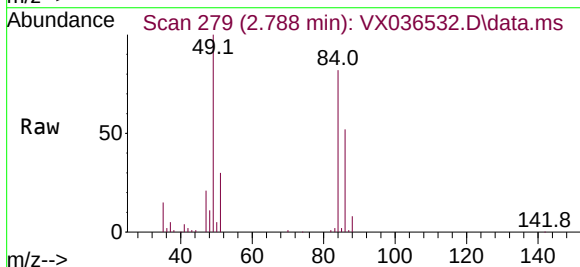
Delta R.T. -0.000 min

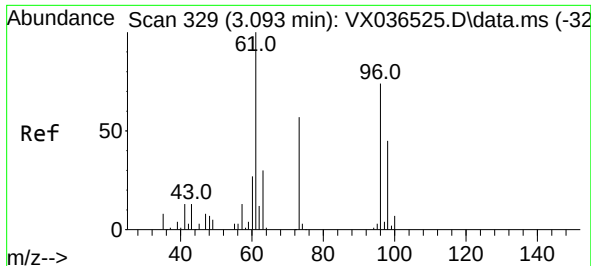
Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Tgt Ion: 84 Resp: 38817

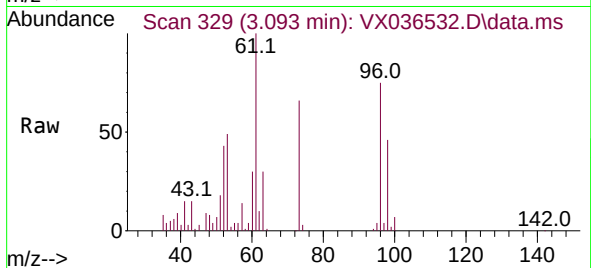
Ion	Ratio	Lower	Upper
84	100		
49	121.3	95.4	143.0
51	36.9	28.3	42.5
86	63.2	49.0	73.6





#19
trans-1,2-Dichloroethene
Concen: 16.992 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

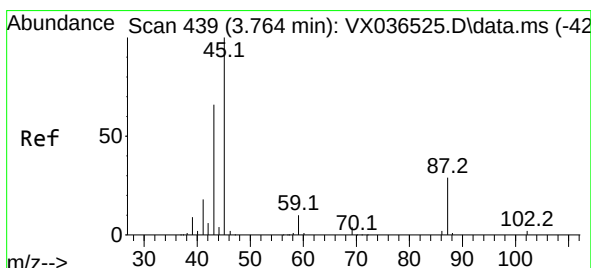
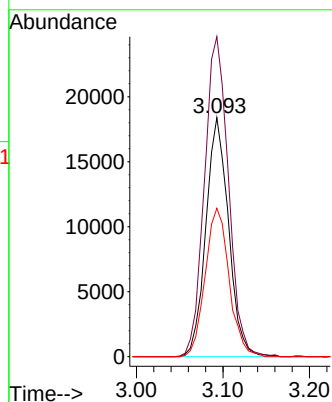
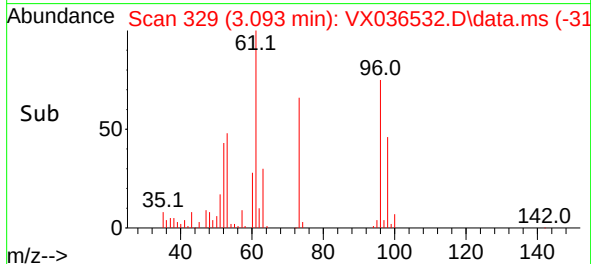
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion: 96 Resp: 3350
Ion Ratio Lower Upper
96 100
61 133.8 108.7 163.1
98 62.0 49.1 73.7

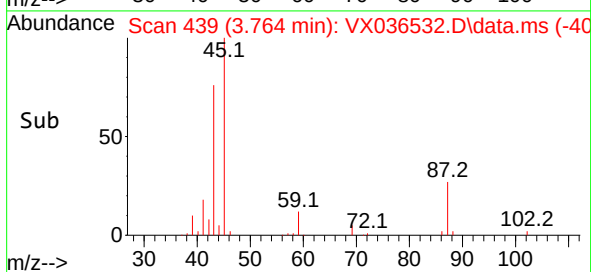
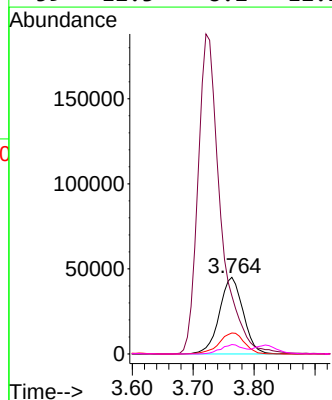
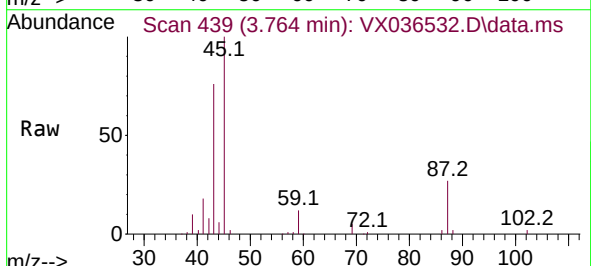
Manual Integrations
APPROVED

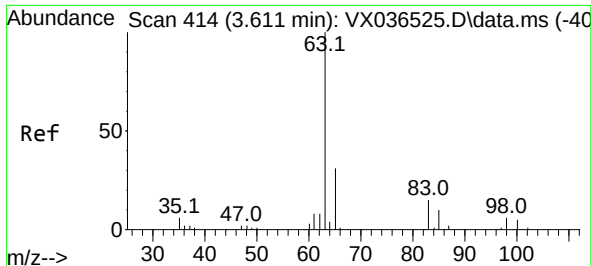
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#20
Diisopropyl ether
Concen: 18.677 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 45 Resp: 121827
Ion Ratio Lower Upper
45 100
43 74.9 55.8 83.6
87 27.4 23.0 34.4
59 12.3 8.2 12.2#





#21

1,1-Dichloroethane

Concen: 17.945 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 63 Resp: 68240

Ion Ratio Lower Upper

63 100

98 7.4 3.2 9.6

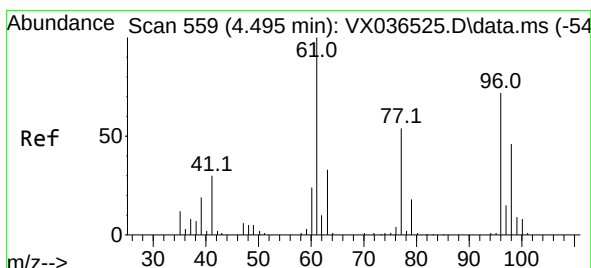
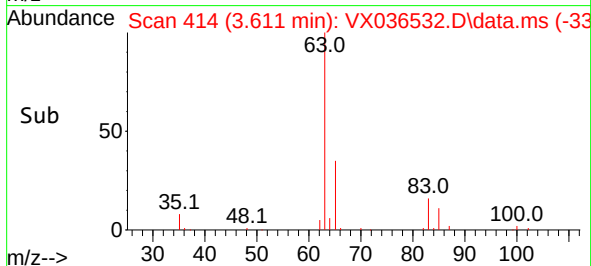
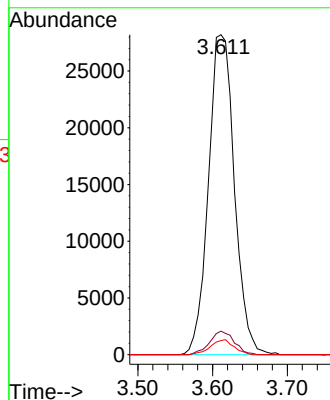
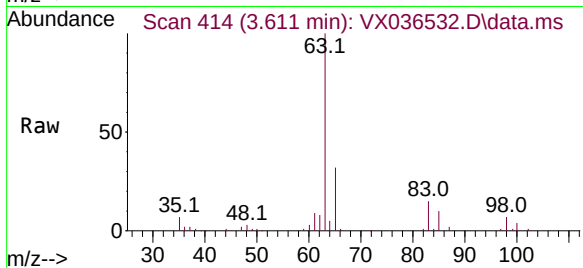
100 4.4 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#22

cis-1,2-Dichloroethene

Concen: 18.092 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

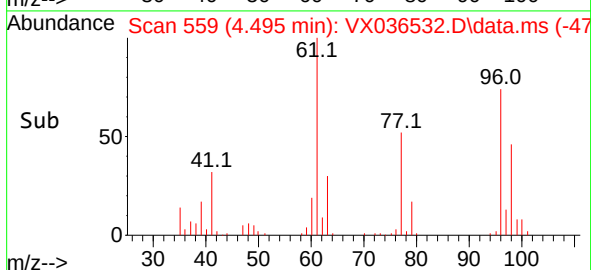
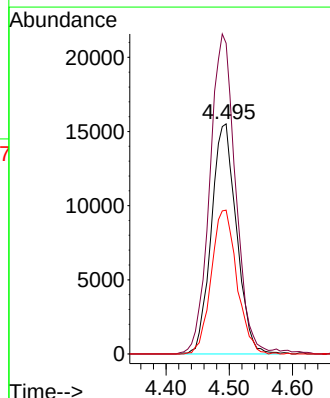
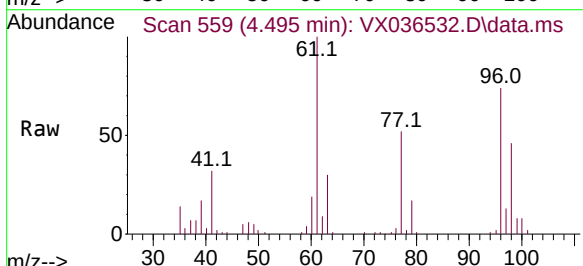
Tgt Ion: 96 Resp: 42938

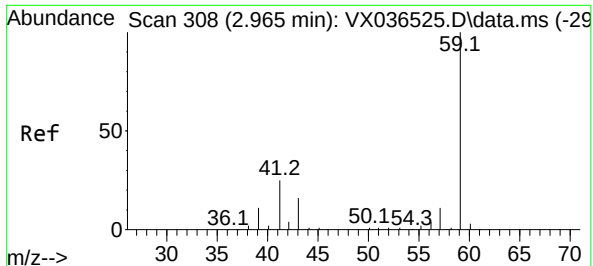
Ion Ratio Lower Upper

96 100

61 141.7 114.0 171.0

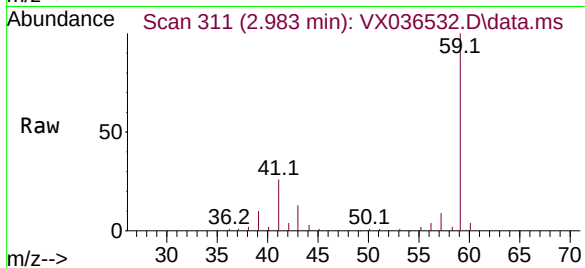
98 63.4 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 94.482 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

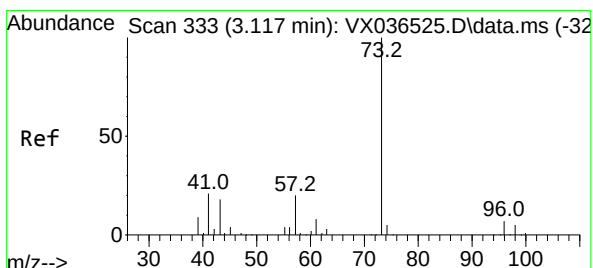
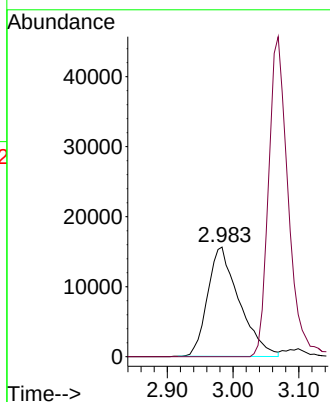
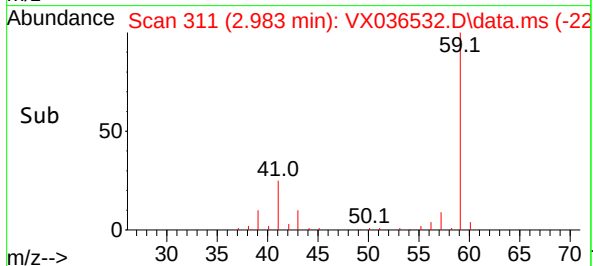
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion: 59 Resp: 52152
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

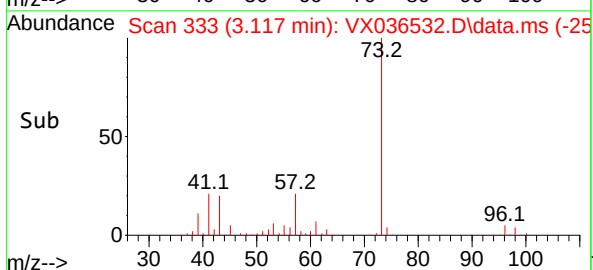
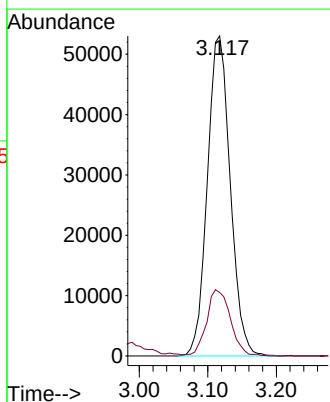
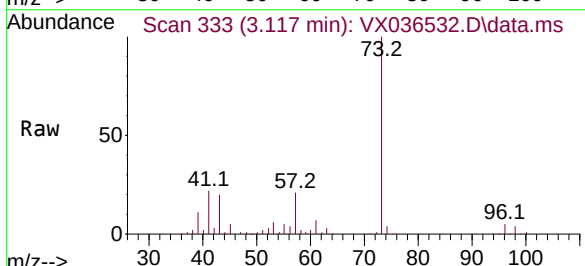
Manual Integrations
APPROVED

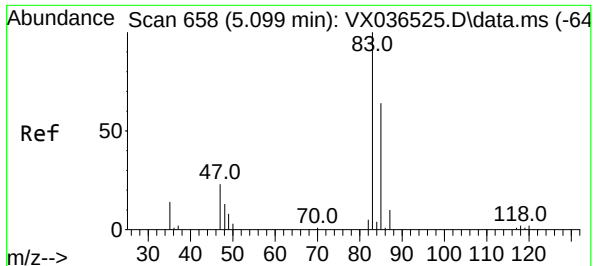
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 18.766 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 73 Resp: 123117
Ion Ratio Lower Upper
73 100
43 21.5 16.8 25.2





#25

Chloroform

Concen: 18.286 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 83 Resp: 7189

Ion Ratio Lower Upper

83 100

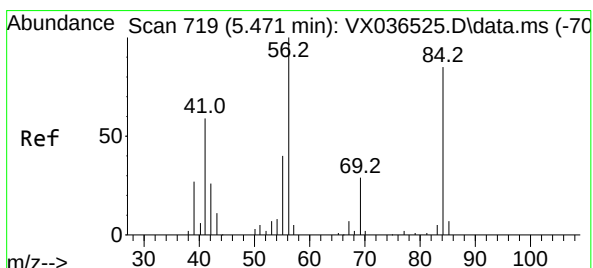
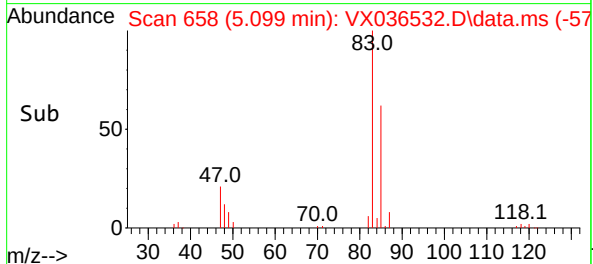
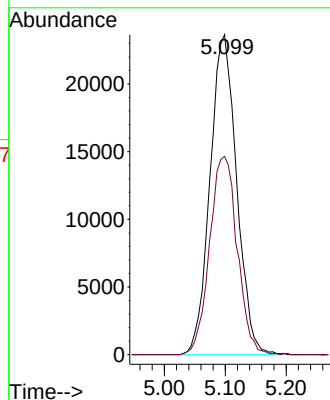
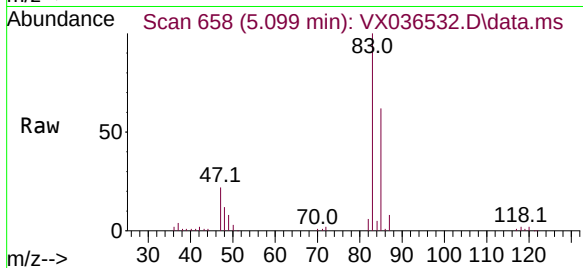
85 62.0 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#26

Cyclohexane

Concen: 14.838 ug/l

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

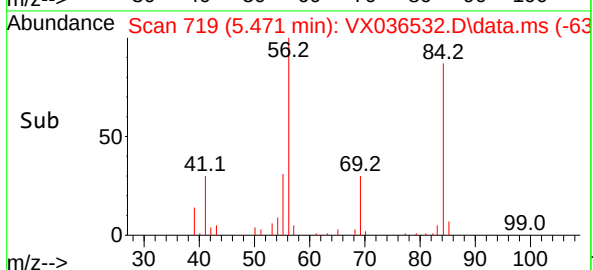
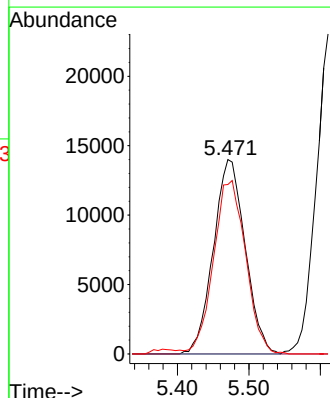
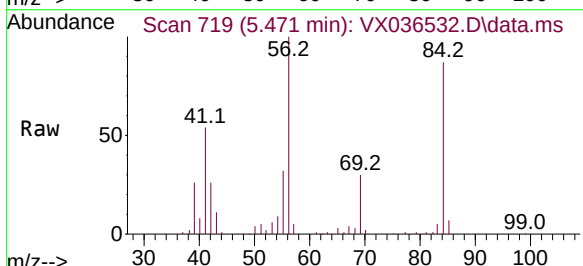
Tgt Ion: 56 Resp: 43289

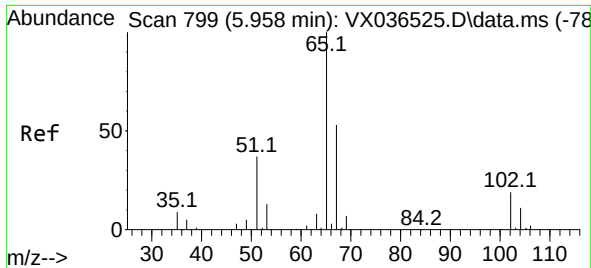
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.0 71.4 107.2





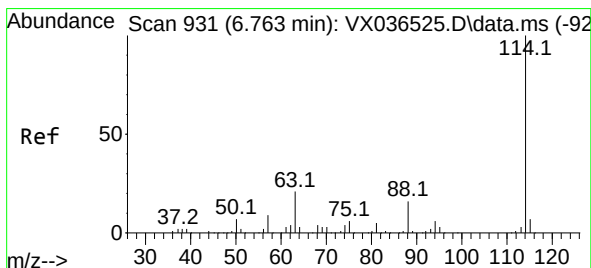
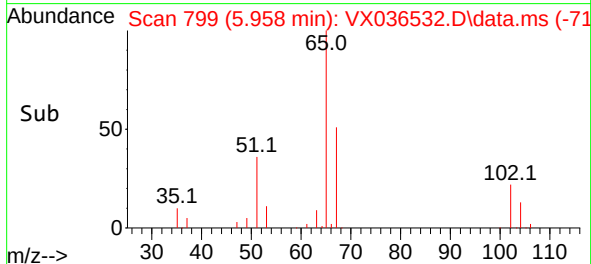
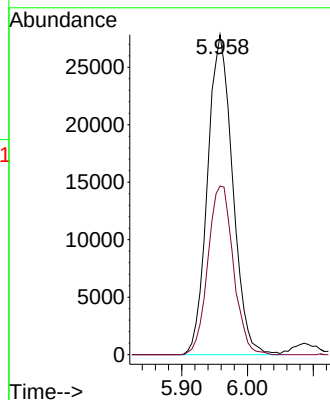
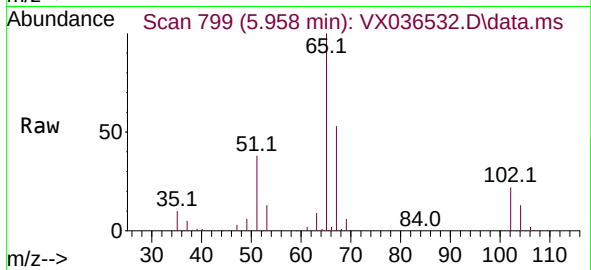
#27
1,2-Dichloroethane-d4
Concen: 28.832 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tgt Ion: 65 Resp: 7377
Ion Ratio Lower Upper
65 100
67 53.5 42.1 63.1

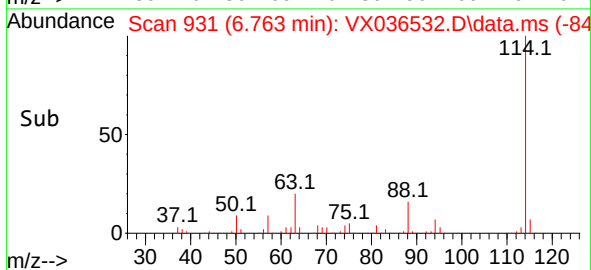
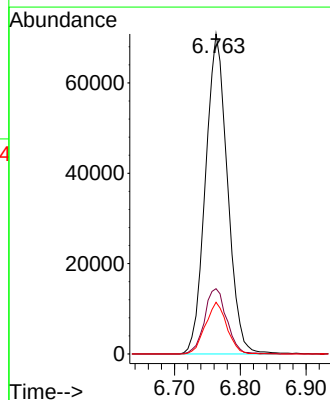
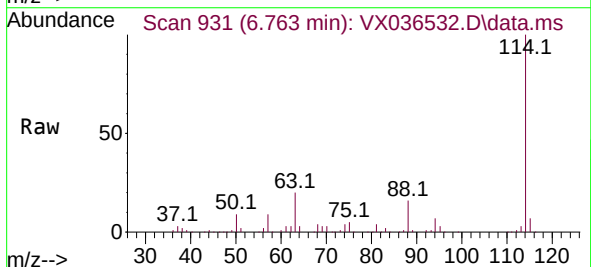
Manual Integrations
APPROVED

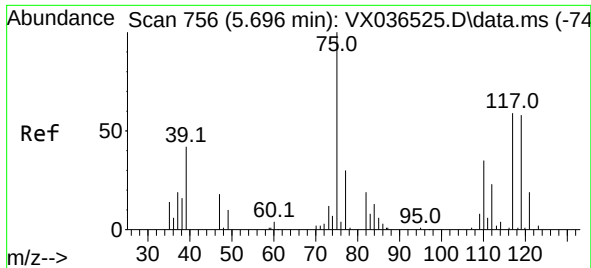
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion:114 Resp: 164487
Ion Ratio Lower Upper
114 100
63 20.6 16.6 24.8
88 15.7 12.9 19.3





#29

1,1-Dichloropropene

Concen: 17.928 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

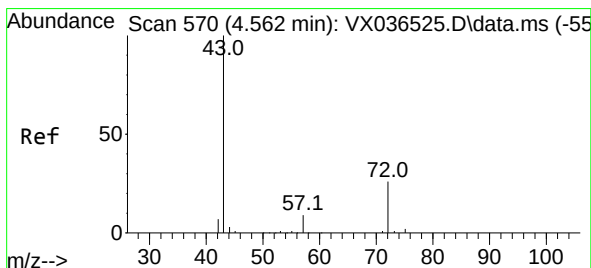
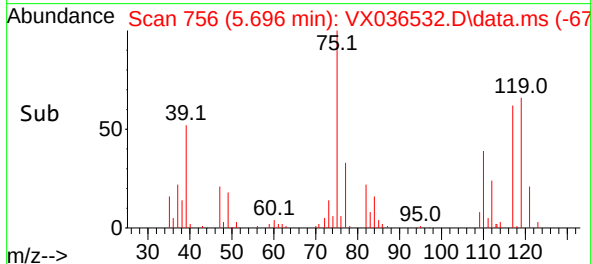
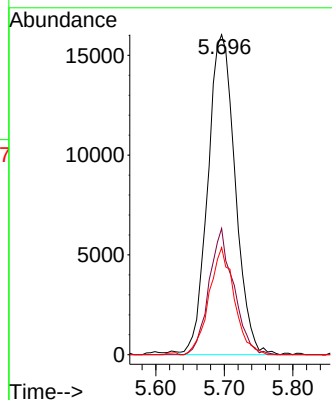
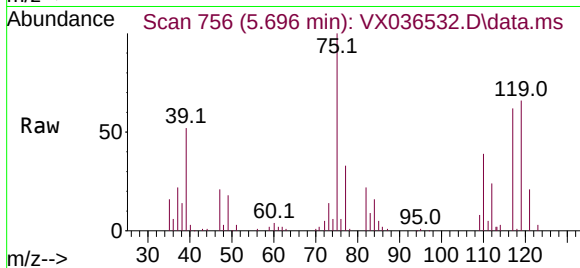
Tgt Ion: 75	Resp: 44469
Ion Ratio	Lower Upper
75 100	
110 35.3	0.0 70.4
77 30.8	0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

2-Butanone

Concen: 103.333 ug/l

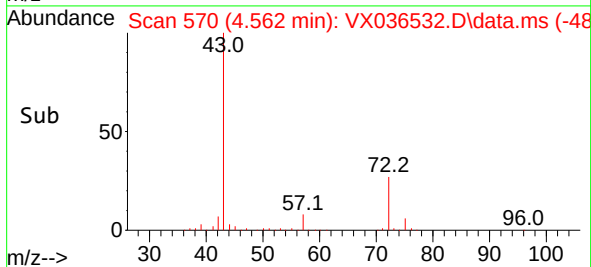
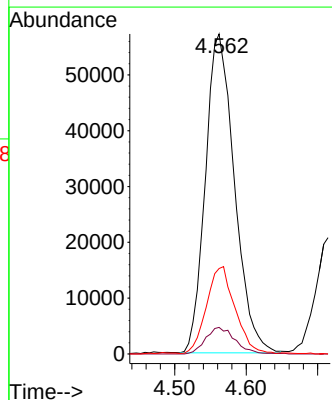
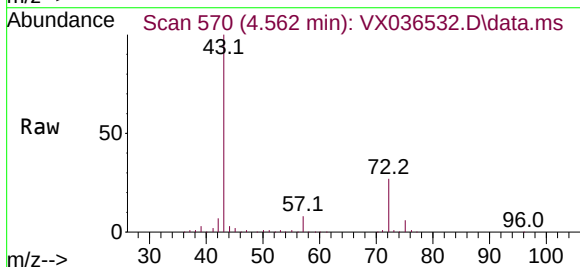
RT: 4.562 min Scan# 570

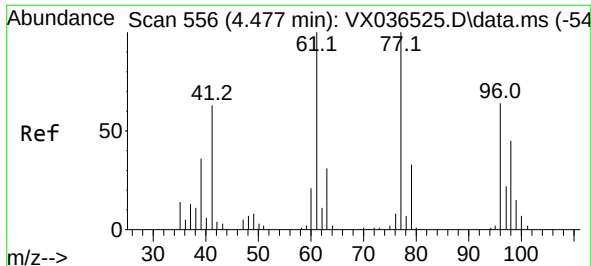
Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Tgt Ion: 43	Resp: 161384
Ion Ratio	Lower Upper
43 100	
57 8.4	6.4 9.6
72 26.9	21.6 32.4





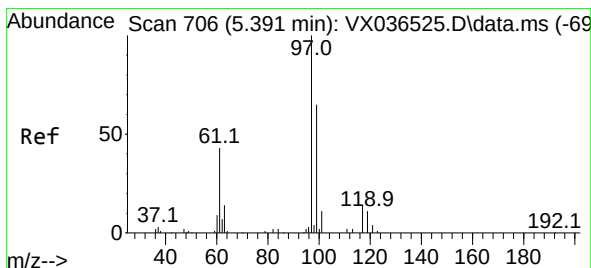
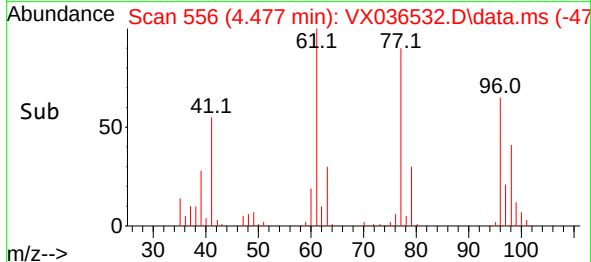
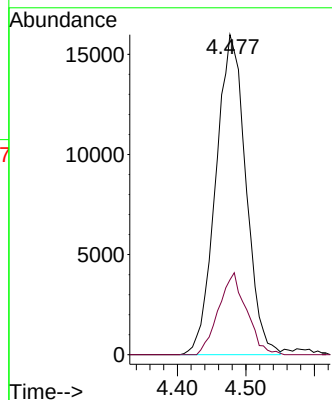
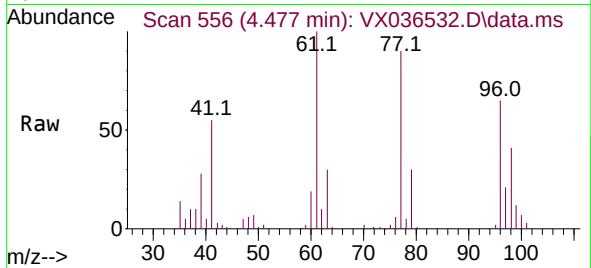
#31
2,2-Dichloropropane
Concen: 17.911 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tgt Ion: 77 Resp: 48720
Ion Ratio Lower Upper
77 100
97 23.8 18.6 27.8

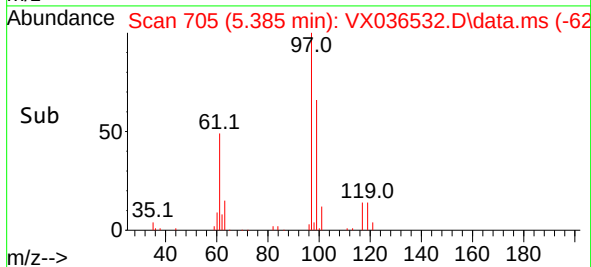
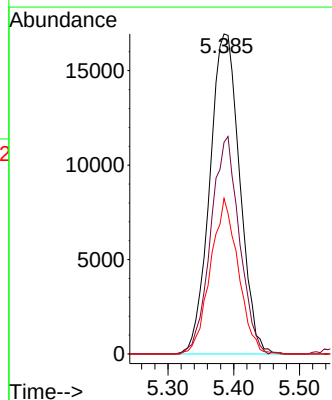
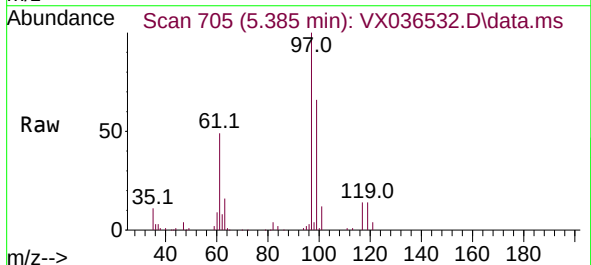
Manual Integrations
APPROVED

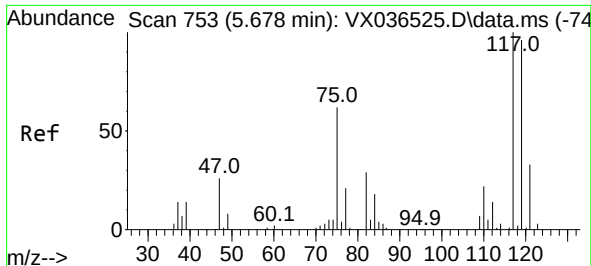
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.205 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

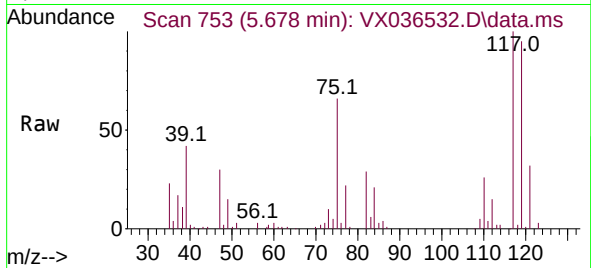
Tgt Ion: 97 Resp: 53658
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 45.1 35.8 53.8





#33
Carbon Tetrachloride
Concen: 17.122 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

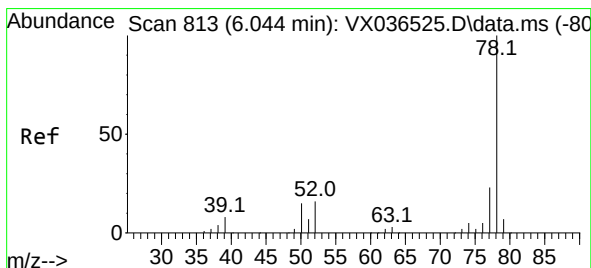
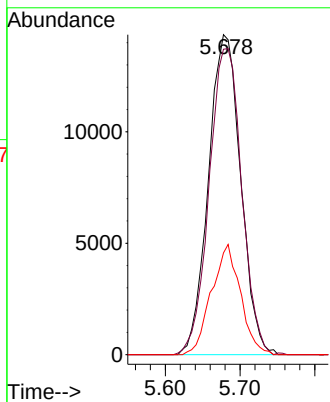
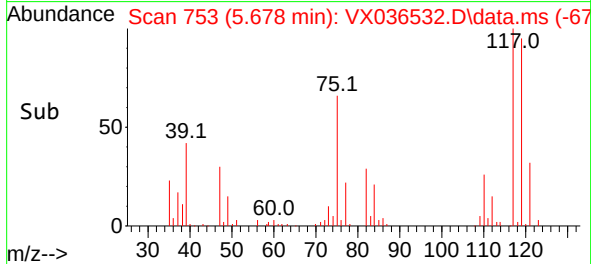
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



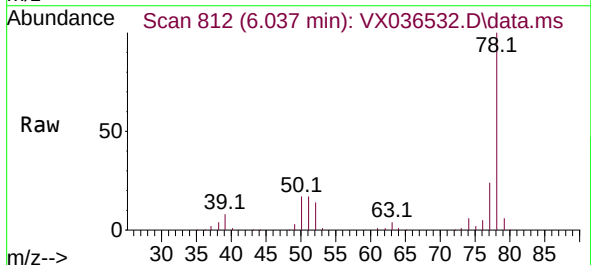
Tgt Ion:117 Resp: 43054
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
121 31.8 26.5 39.7

Manual Integrations
APPROVED

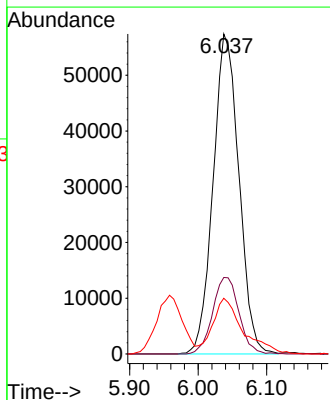
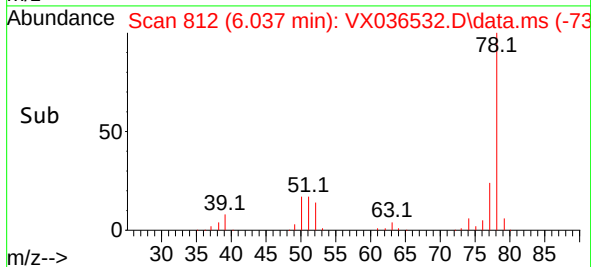
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

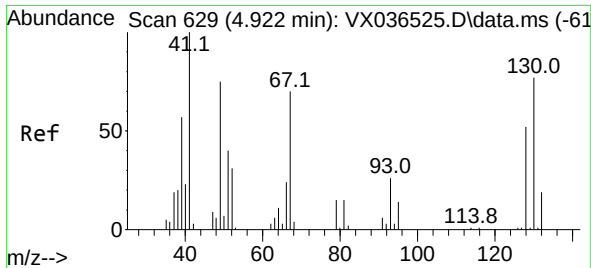


#34
Benzene
Concen: 19.602 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54



Tgt Ion: 78 Resp: 149873
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1
51 16.4 14.2 21.4





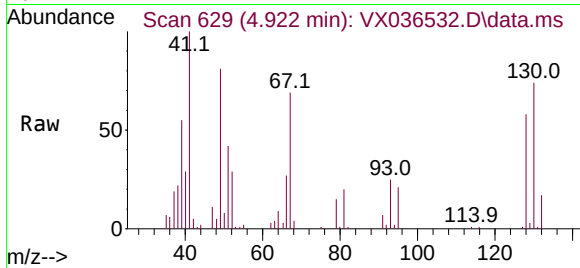
#35
Methacrylonitrile
Concen: 19.693 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01



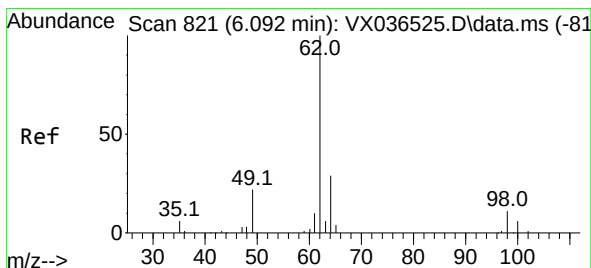
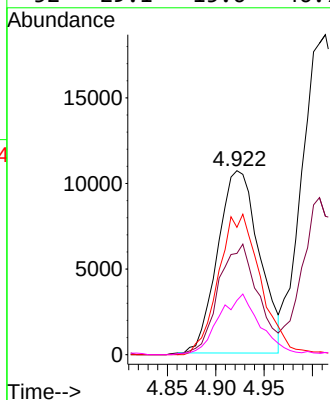
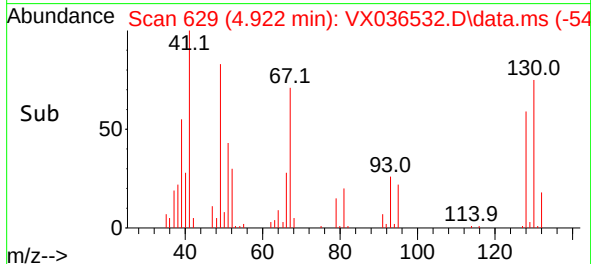
Tgt Ion: 41 Resp: 31910
Ion Ratio Lower Upper
41 100
39 55.5 28.2 84.7
67 69.9 35.0 105.1
52 29.1 15.6 46.7

Manual Integrations

APPROVED

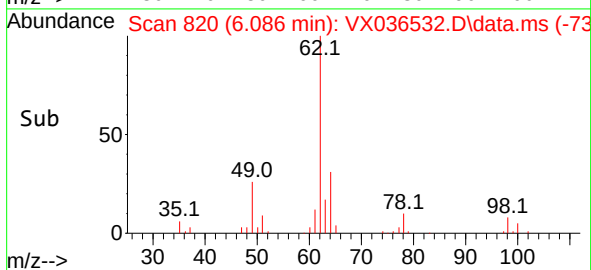
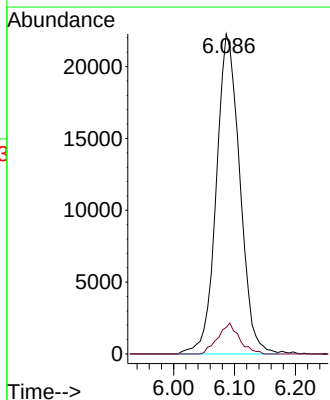
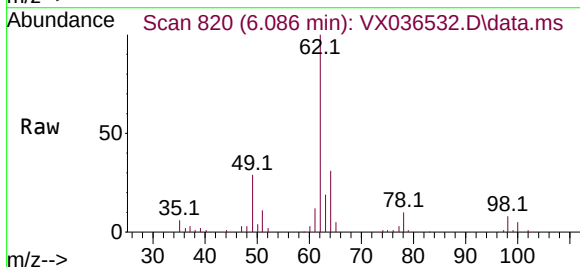
Reviewed By :John Carlone 07/14/2023

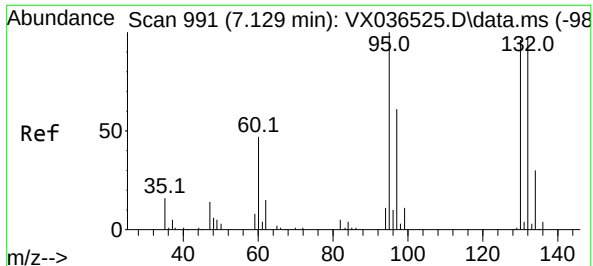
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,2-Dichloroethane
Concen: 20.365 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

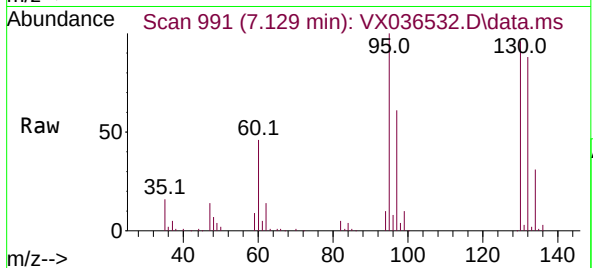
Tgt Ion: 62 Resp: 59783
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#37
Trichloroethene
Concen: 18.971 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

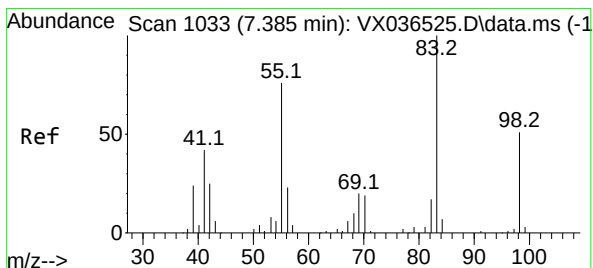
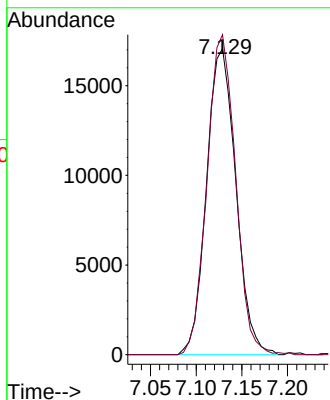
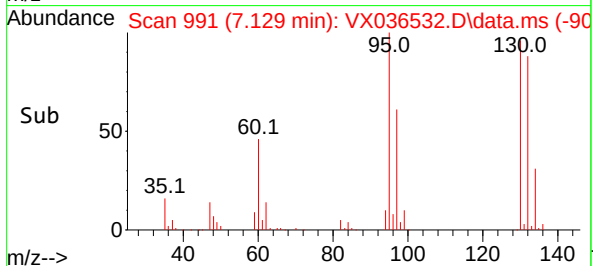
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion:130 Resp: 38174
Ion Ratio Lower Upper
130 100
95 104.5 83.2 124.8

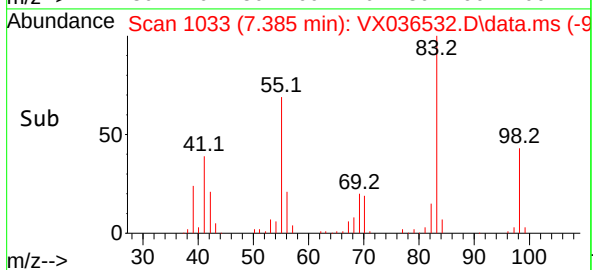
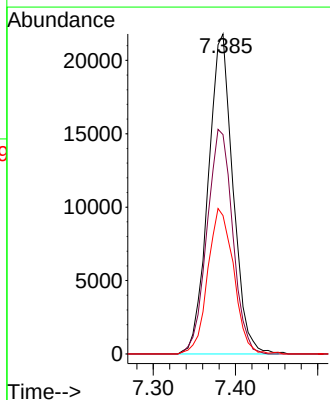
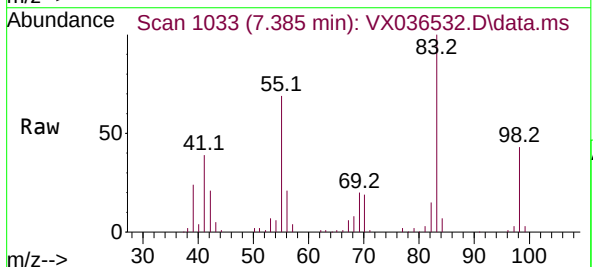
Manual Integrations
APPROVED

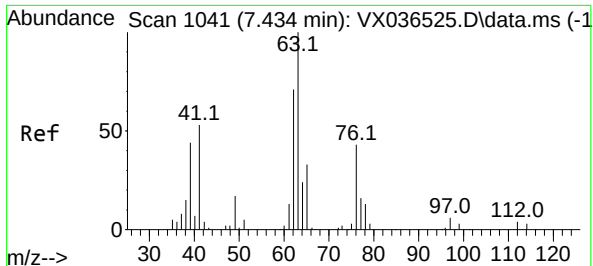
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#38
Methylcyclohexane
Concen: 15.812 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 83 Resp: 45626
Ion Ratio Lower Upper
83 100
55 72.8 38.1 114.5
98 47.4 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.493 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 63 Resp: 40399

Ion Ratio Lower Upper

63 100

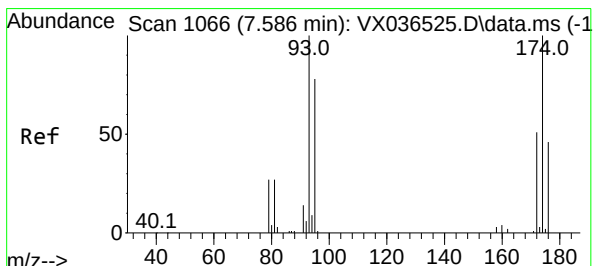
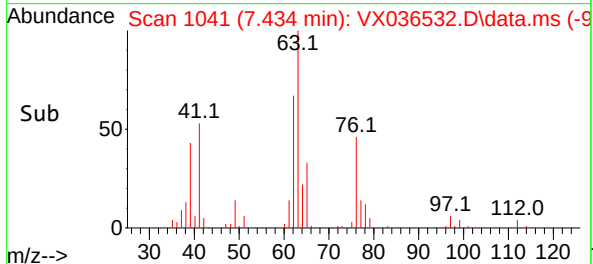
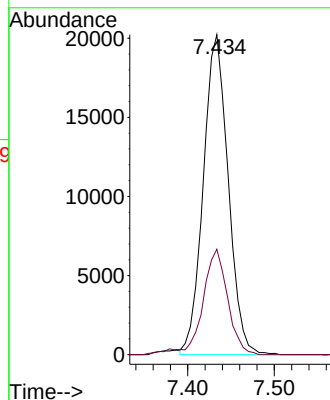
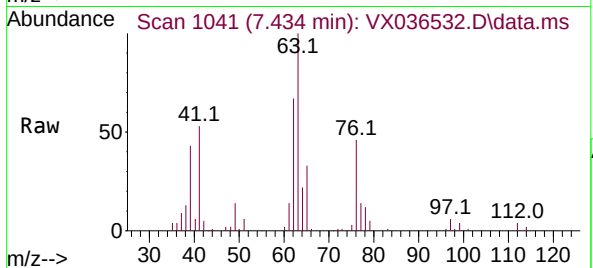
65 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 20.227 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

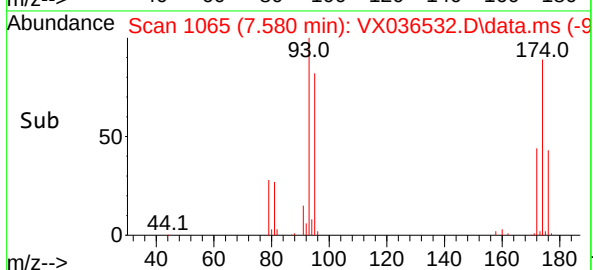
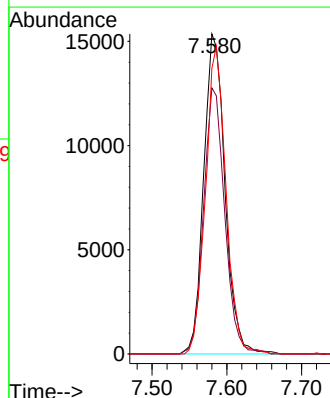
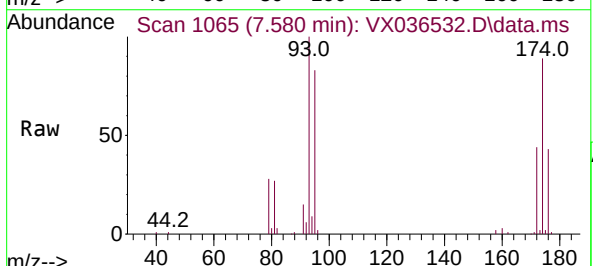
Tgt Ion: 93 Resp: 30364

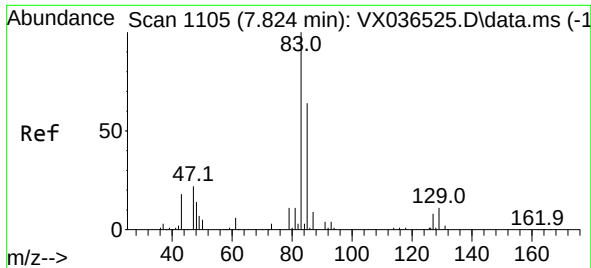
Ion Ratio Lower Upper

93 100

95 82.5 0.0 166.8

174 92.7 0.0 191.6





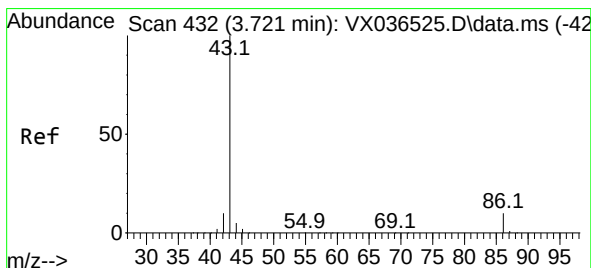
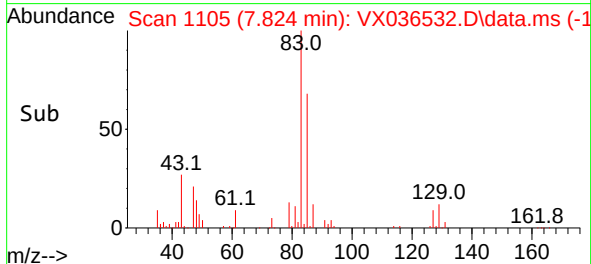
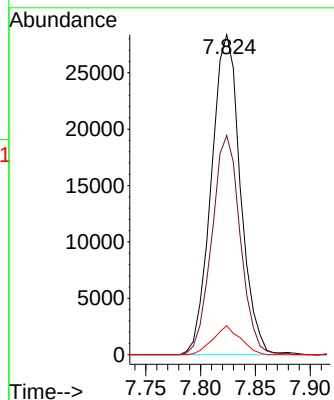
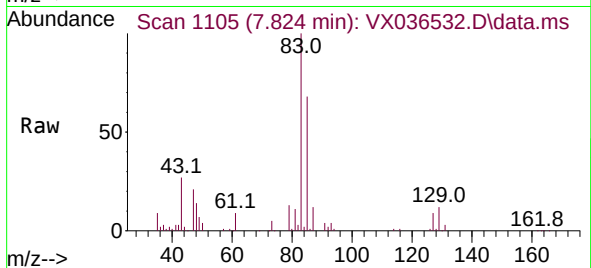
#41
Bromodichloromethane
Concen: 19.212 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument : MSVOA_X
ClientSampleId : VX0714WBSD01

Tgt Ion: 83 Resp: 5234
Ion Ratio Lower Upper
83 100
85 68.5 51.5 77.3
127 9.0 6.4 9.6

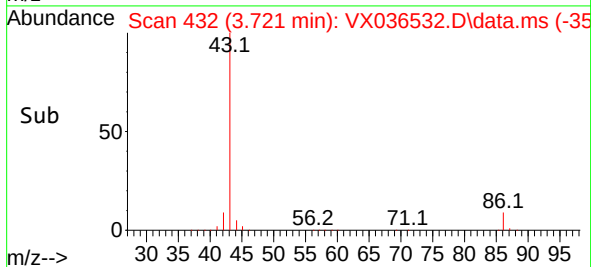
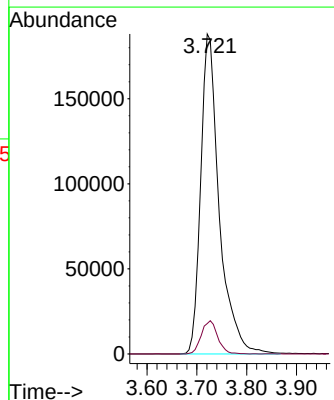
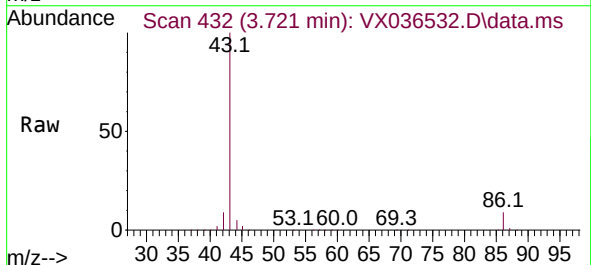
Manual Integrations
APPROVED

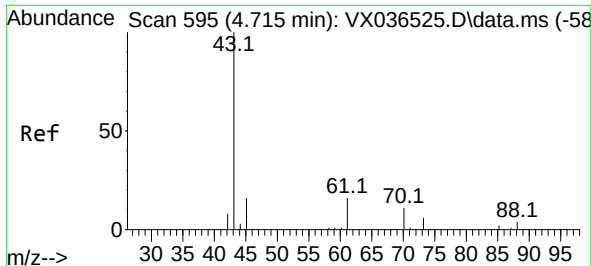
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 102.850 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 43 Resp: 485181
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.0





#43

Ethyl Acetate

Concen: 20.862 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 43 Resp: 6342

Ion Ratio Lower Upper

43 100

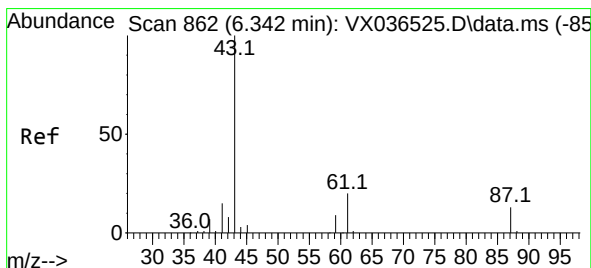
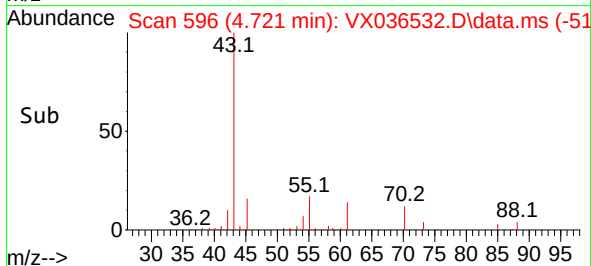
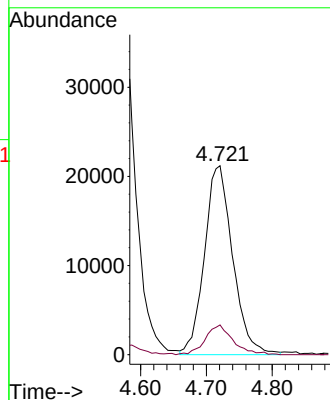
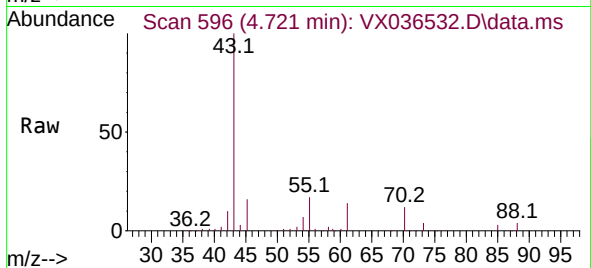
45 14.8 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#44

Isopropyl Acetate

Concen: 20.578 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX036532.D

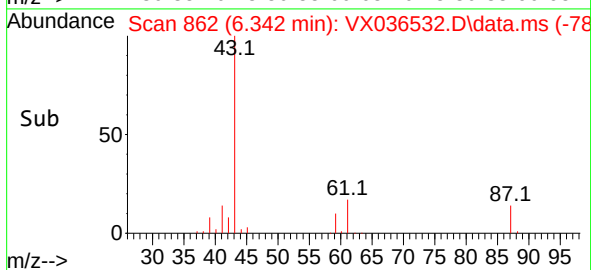
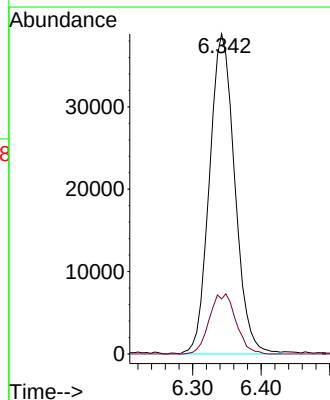
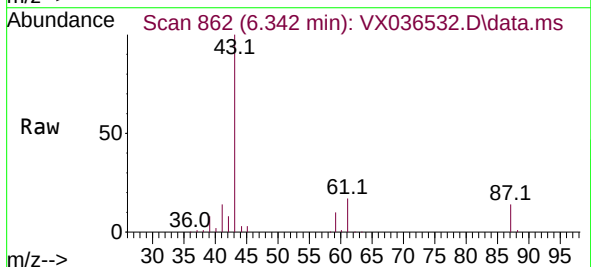
Acq: 13 Jul 2023 17:54

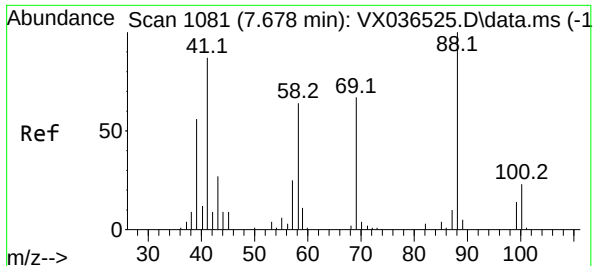
Tgt Ion: 43 Resp: 99766

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0





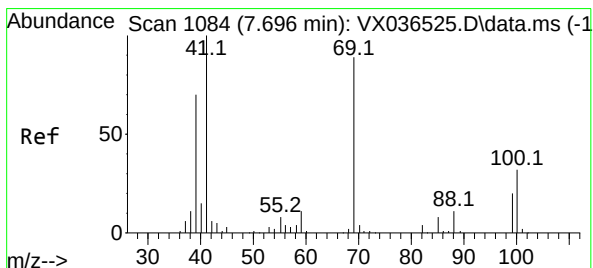
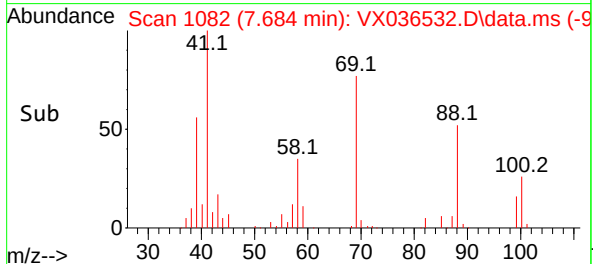
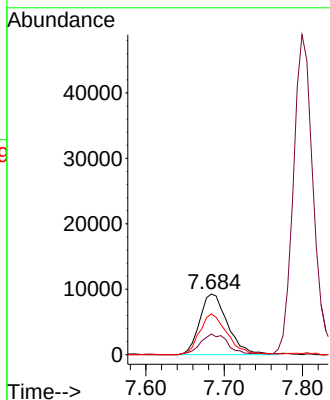
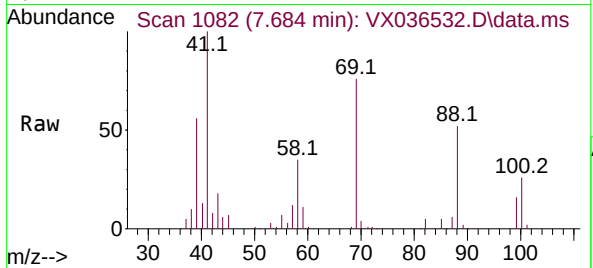
#45
1,4-Dioxane
Concen: 417.943 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tgt Ion: 88 Resp: 23000
Ion Ratio Lower Upper
88 100
43 33.1 297.5 446.3
58 66.0 1.0 1.4

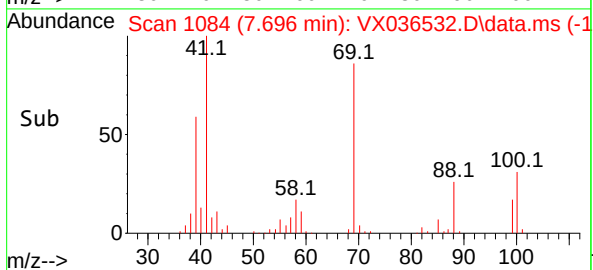
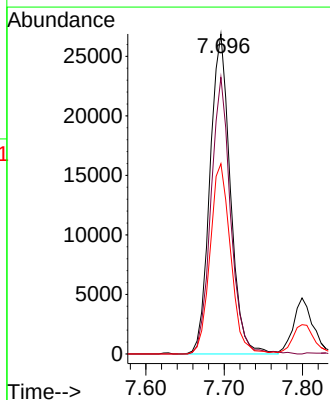
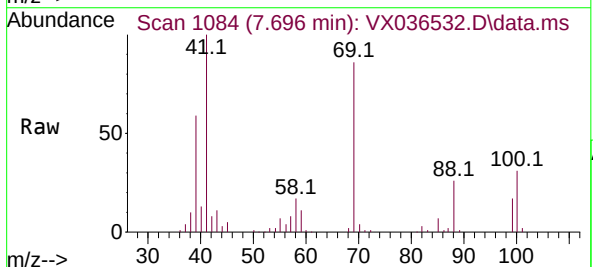
Manual Integrations
APPROVED

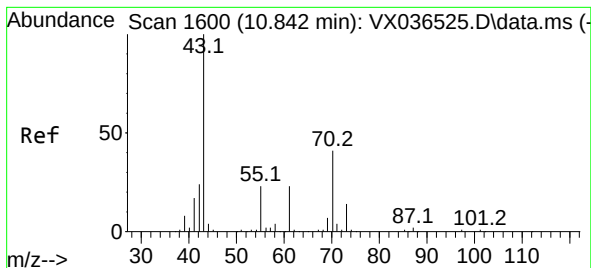
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#46
Methyl methacrylate
Concen: 20.959 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 41 Resp: 48564
Ion Ratio Lower Upper
41 100
69 86.4 44.4 133.1
39 59.4 34.9 104.7





#47

n-amyl Acetate

Concen: 20.347 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 43 Resp: 83672

Ion Ratio Lower Upper

43 100

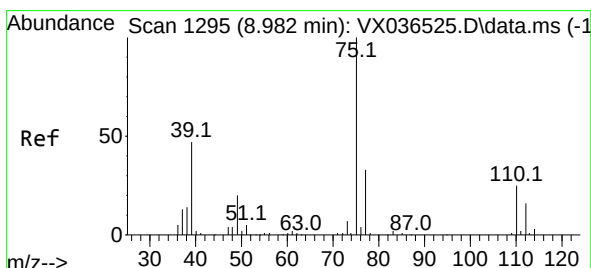
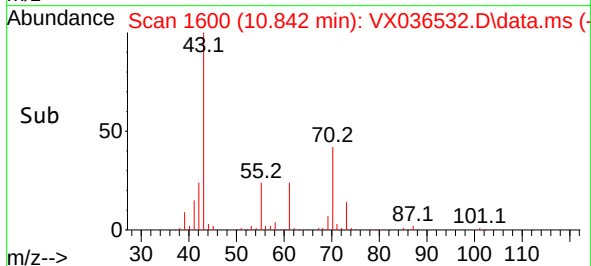
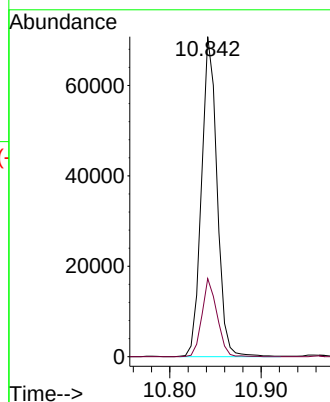
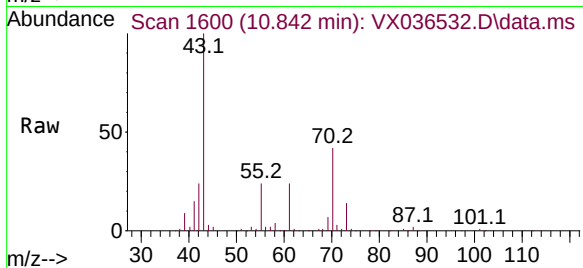
55 23.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#48

t-1,3-Dichloropropene

Concen: 19.540 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX036532.D

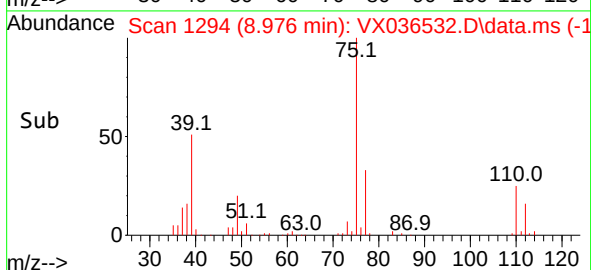
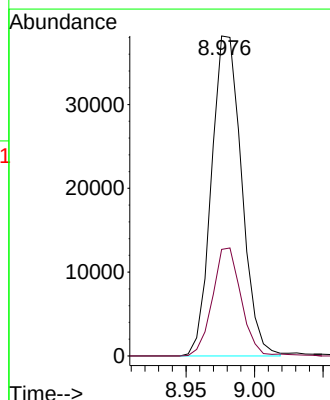
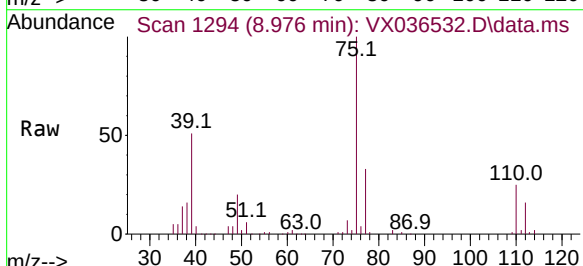
Acq: 13 Jul 2023 17:54

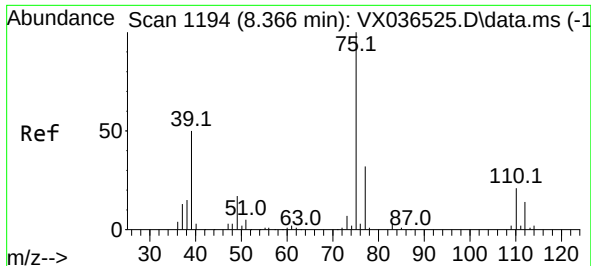
Tgt Ion: 75 Resp: 58391

Ion Ratio Lower Upper

75 100

77 33.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.620 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion: 75 Resp: 6333

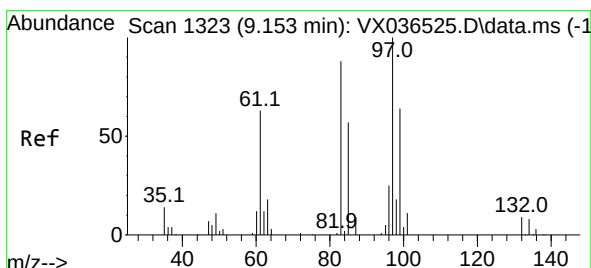
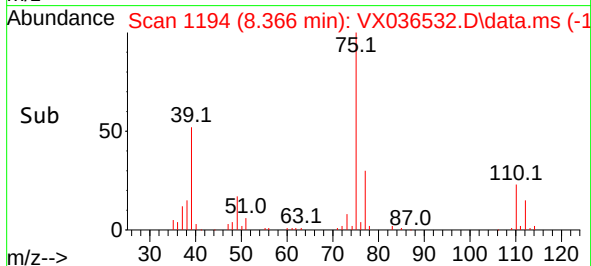
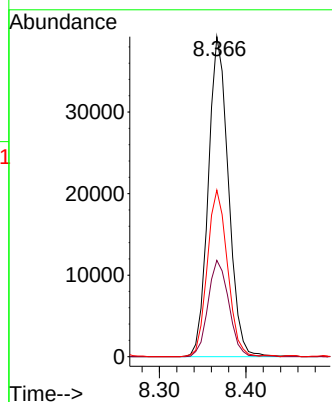
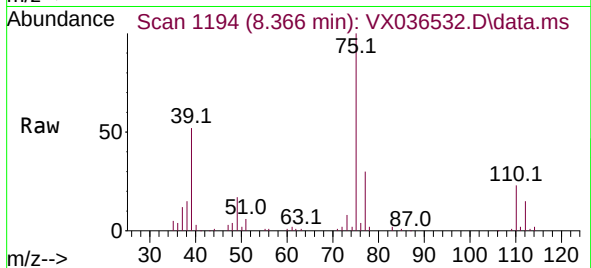
Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.2
39	52.1	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 20.408 ug/l

RT: 9.153 min Scan# 1323

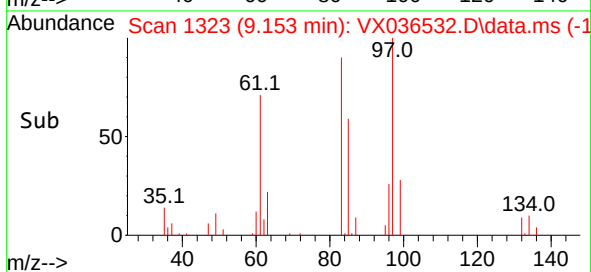
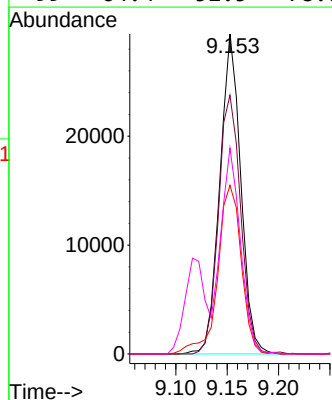
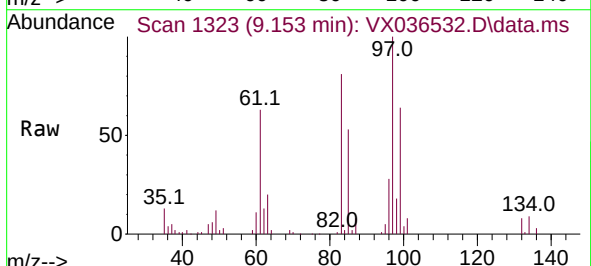
Delta R.T. -0.000 min

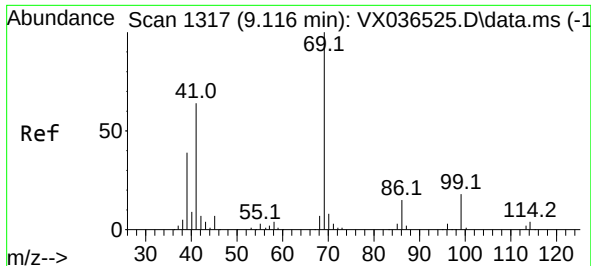
Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Tgt Ion: 97 Resp: 41587

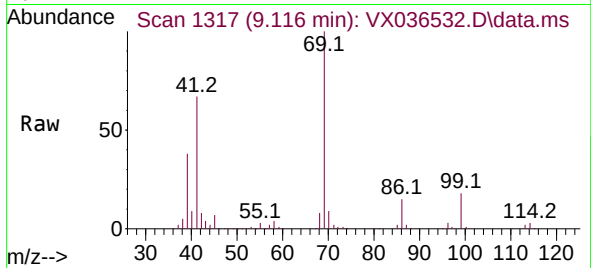
Ion	Ratio	Lower	Upper
97	100		
83	80.8	70.0	105.0
85	52.7	46.1	69.1
99	64.4	52.5	78.7





#51
Ethyl methacrylate
Concen: 20.573 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

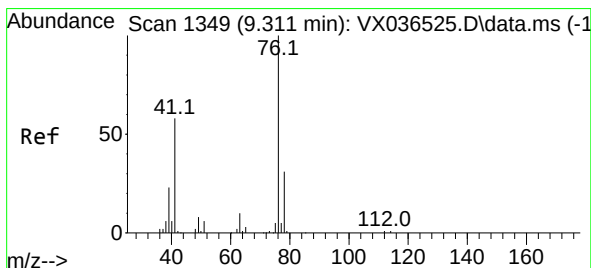
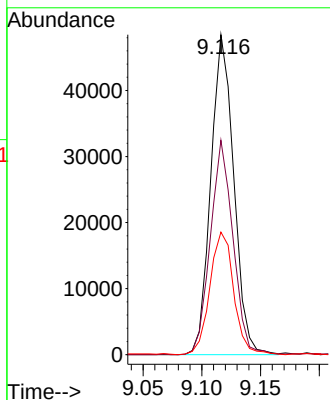
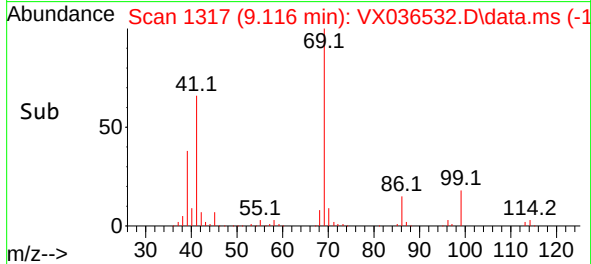
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion: 69 Resp: 65820
Ion Ratio Lower Upper
69 100
41 67.0 32.0 96.0
39 38.3 19.4 58.4

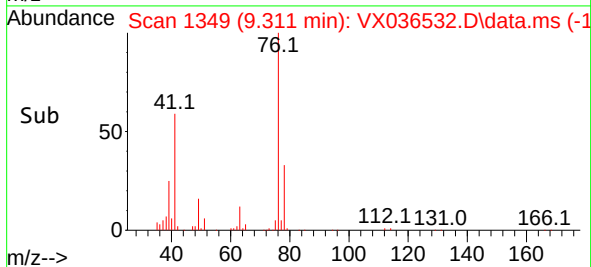
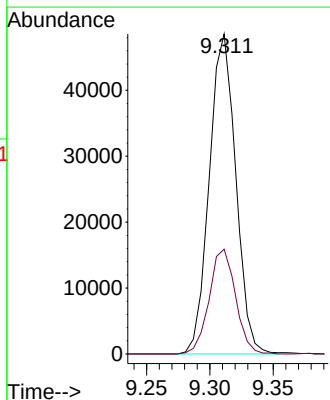
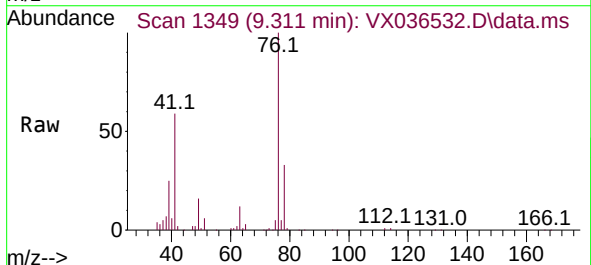
Manual Integrations
APPROVED

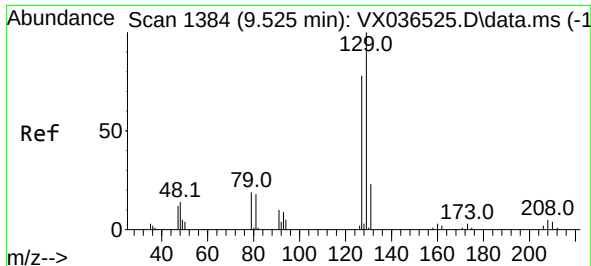
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 20.535 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 76 Resp: 70622
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.6





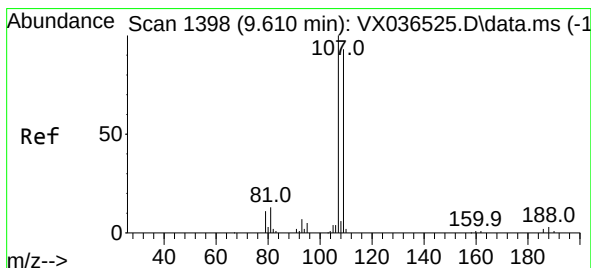
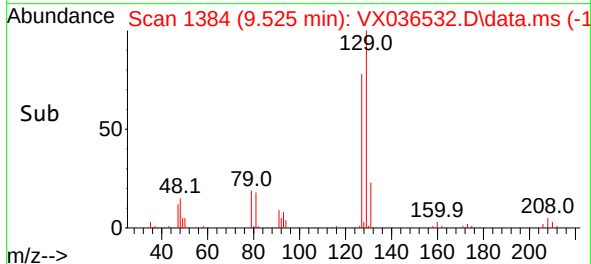
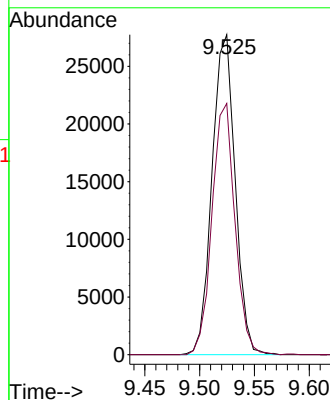
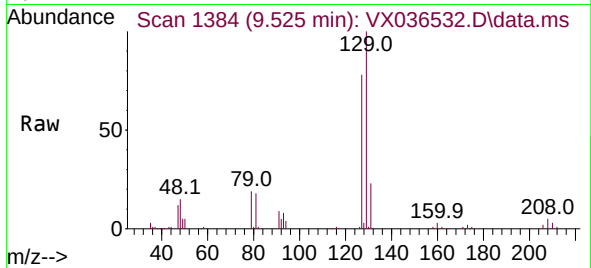
#53
Dibromochloromethane
Concen: 19.771 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tgt Ion:129 Resp: 4066
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

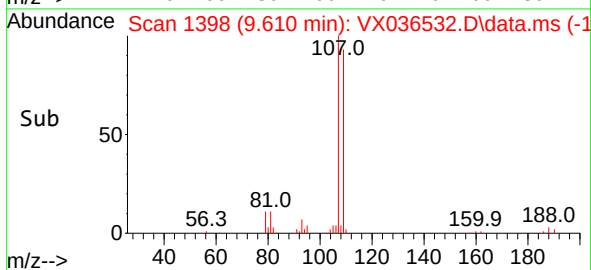
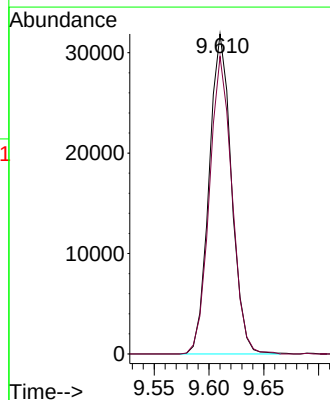
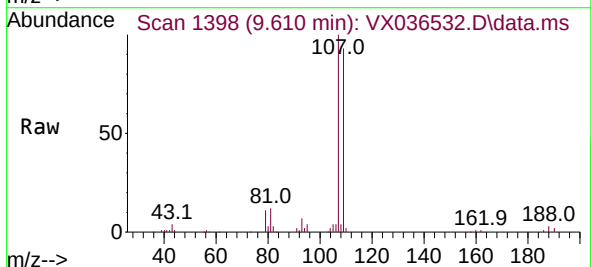
Manual Integrations
APPROVED

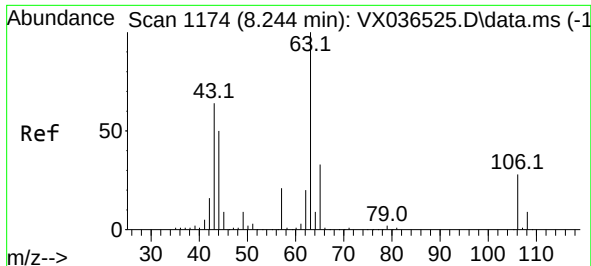
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
1,2-Dibromoethane
Concen: 21.112 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion:107 Resp: 45195
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1





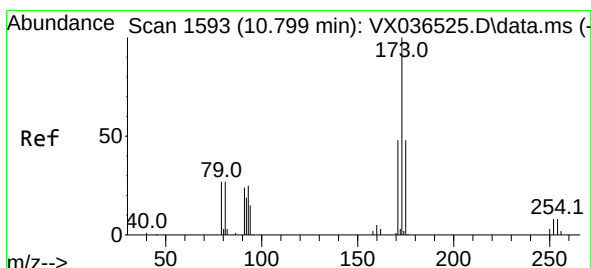
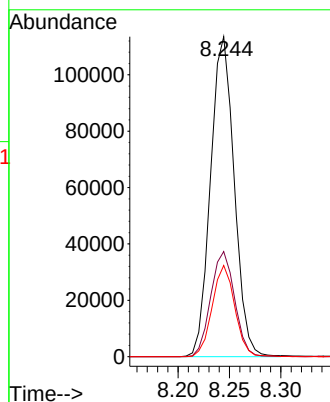
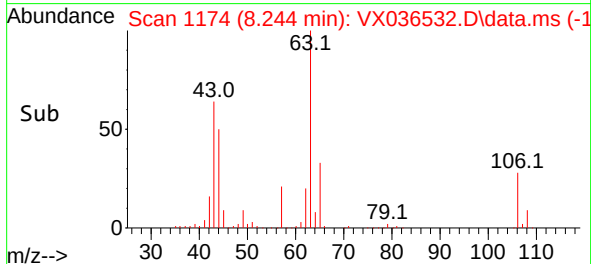
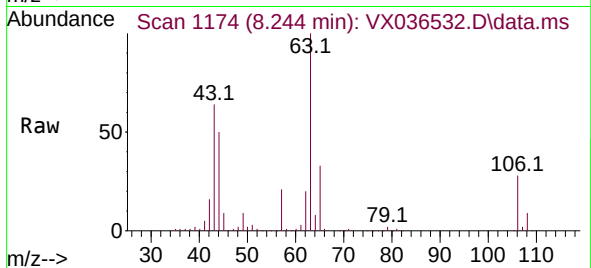
#55
2-Chloroethyl vinyl ether
Concen: 105.603 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tgt Ion: 63 Resp: 18170
Ion Ratio Lower Upper
63 100
65 33.0 25.9 38.9
106 27.2 21.8 32.8

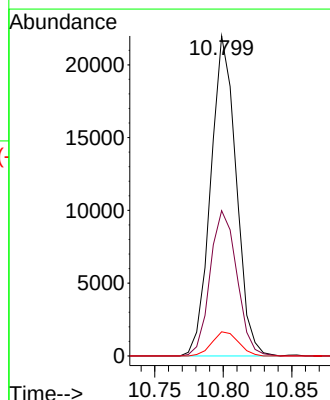
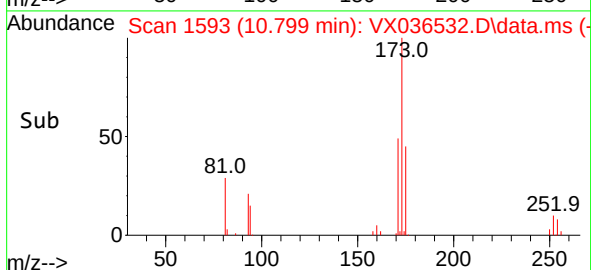
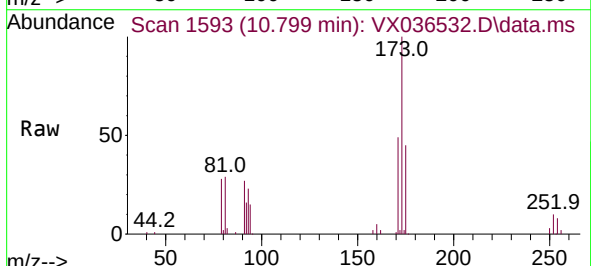
Manual Integrations
APPROVED

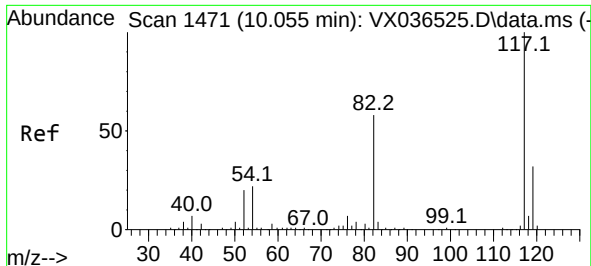
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#56
Bromoform
Concen: 19.830 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion:173 Resp: 28378
Ion Ratio Lower Upper
173 100
175 47.7 38.1 57.1
254 7.9 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

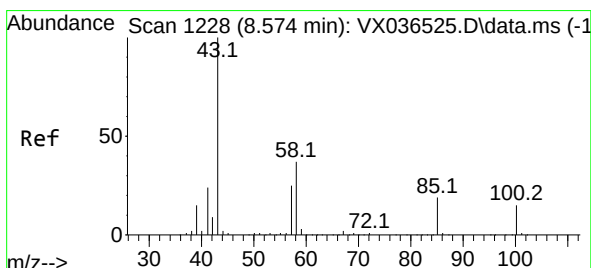
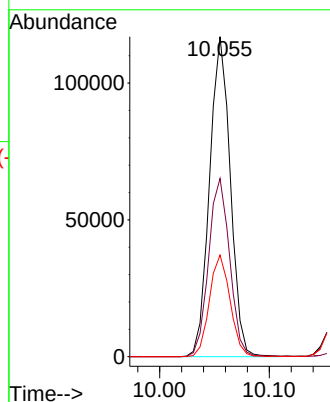
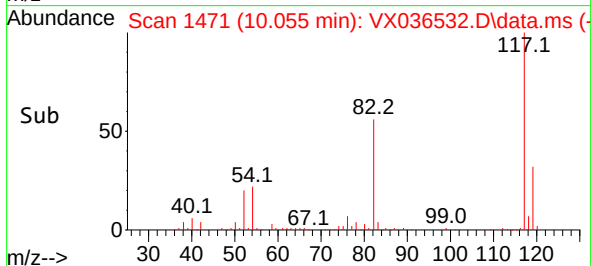
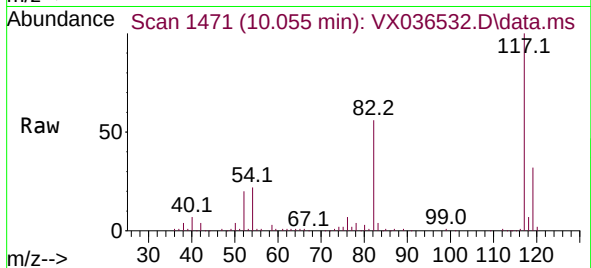
Tgt Ion:117 Resp: 15394
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 31.4 25.6 38.4

Manual Integrations

APPROVED

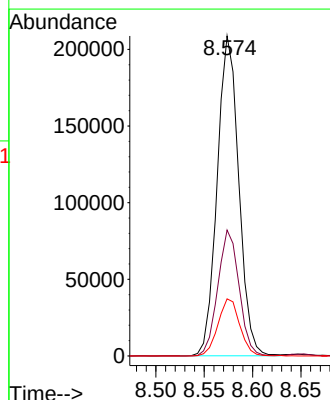
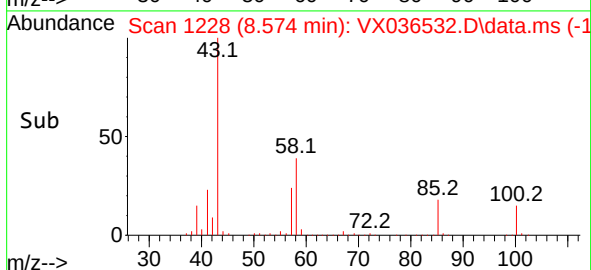
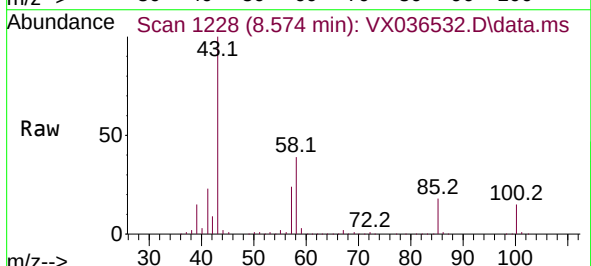
Reviewed By :John Carlone 07/14/2023

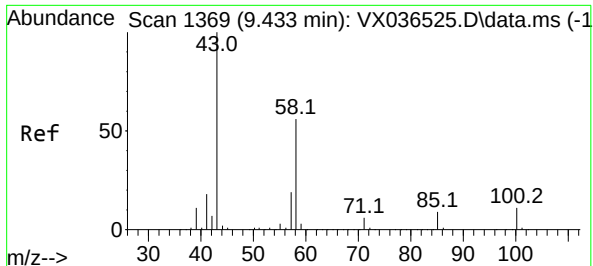
Supervised By :Semsettin Yesilyurt 07/14/2023



#58
4-Methyl-2-Pentanone
Concen: 101.706 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

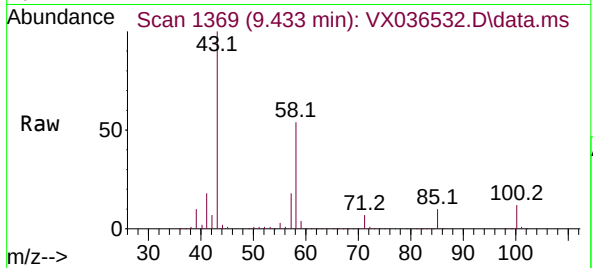
Tgt Ion: 43 Resp: 323764
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3
85 18.0 14.4 21.6





#59
2-Hexanone
Concen: 101.553 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

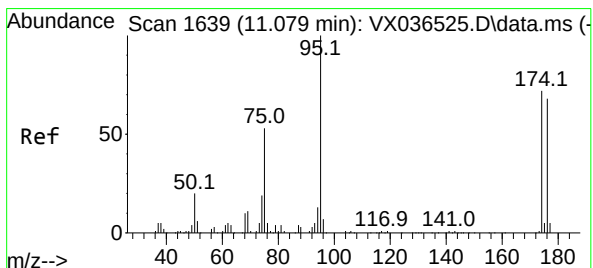
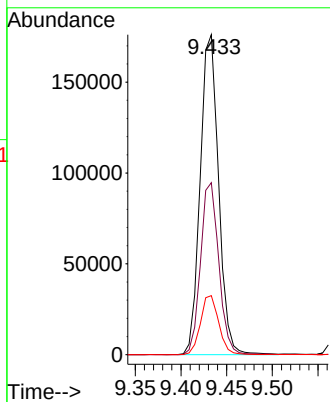
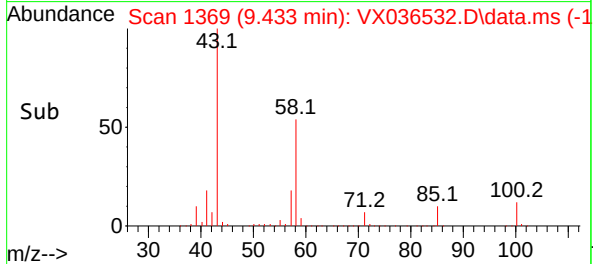
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion: 43 Resp: 245936
Ion Ratio Lower Upper
43 100
58 53.3 43.4 65.2
57 18.3 15.1 22.7

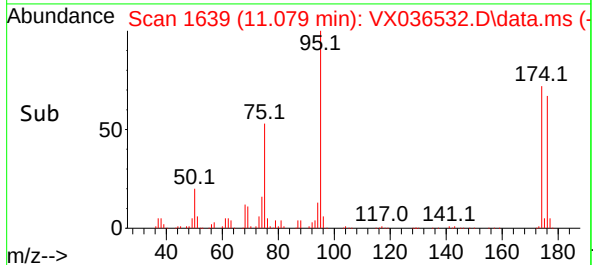
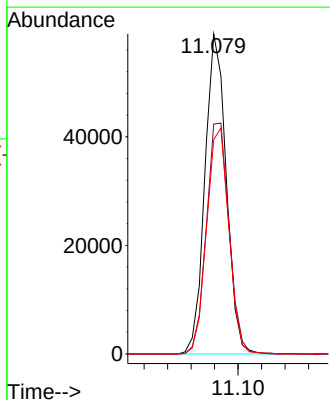
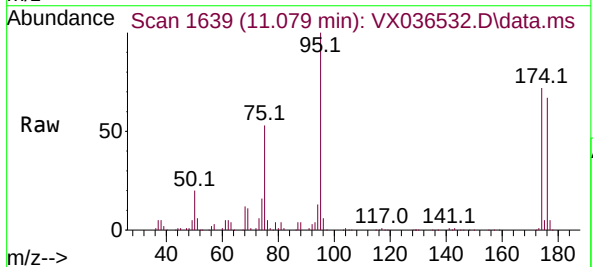
Manual Integrations
APPROVED

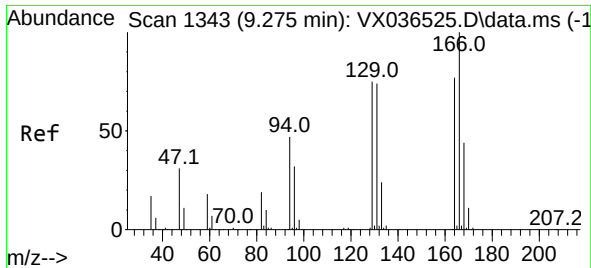
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#60
4-Bromofluorobenzene
Concen: 29.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

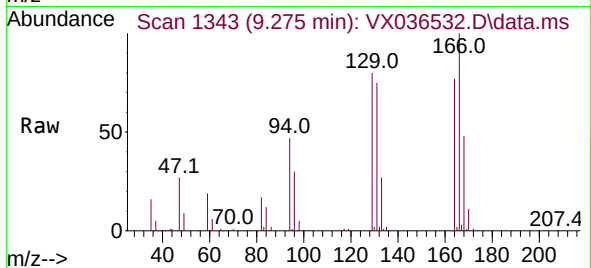
Tgt Ion: 95 Resp: 74423
Ion Ratio Lower Upper
95 100
174 76.8 60.5 90.7
176 73.4 58.2 87.4





#61
Tetrachloroethene
Concen: 17.528 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

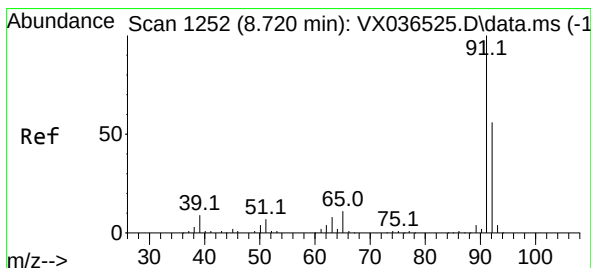
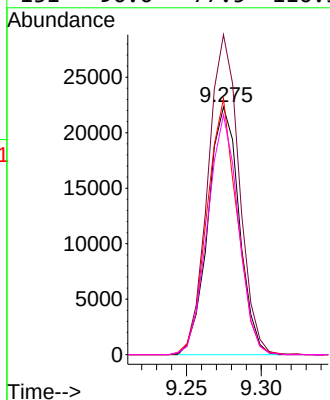
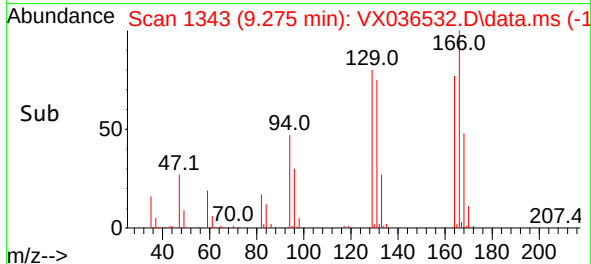
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion:164 Resp: 32318
Ion Ratio Lower Upper
164 100
166 128.8 104.5 156.7
129 102.8 78.0 117.0
131 96.6 77.5 116.3

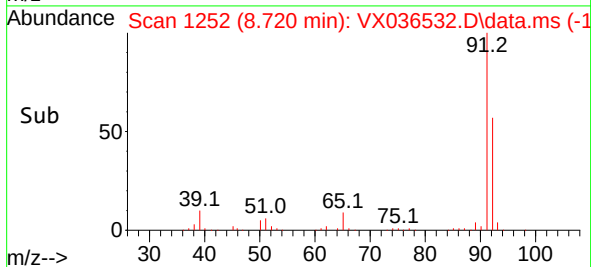
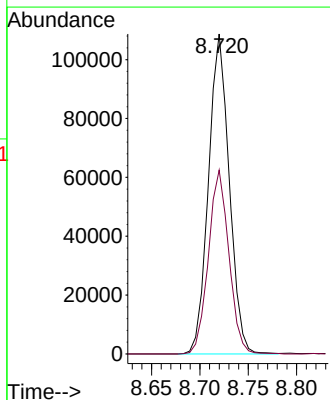
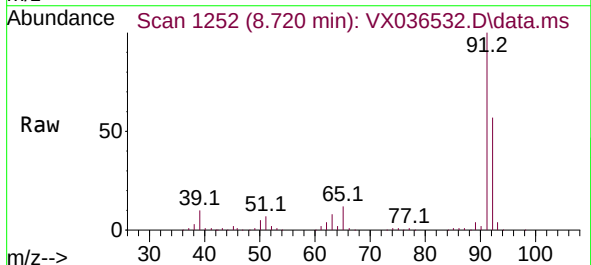
Manual Integrations
APPROVED

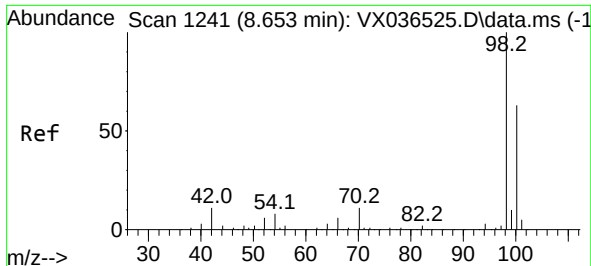
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#62
Toluene
Concen: 18.803 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

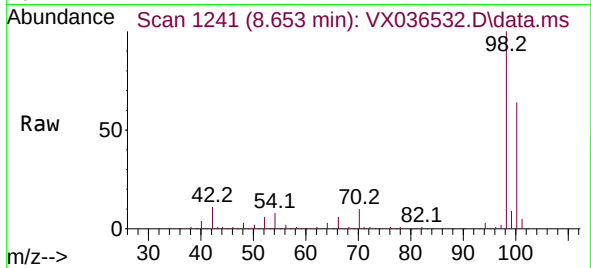
Tgt Ion: 91 Resp: 162409
Ion Ratio Lower Upper
91 100
92 56.8 44.9 67.3





#63
Toluene-d8
Concen: 29.359 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

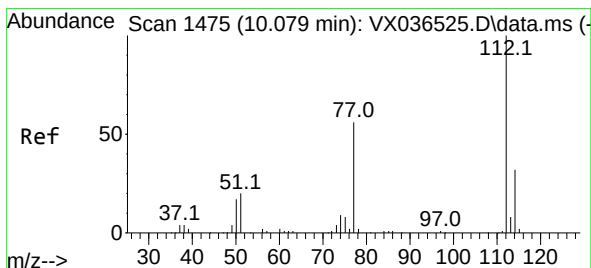
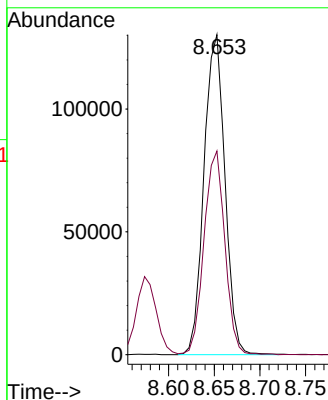
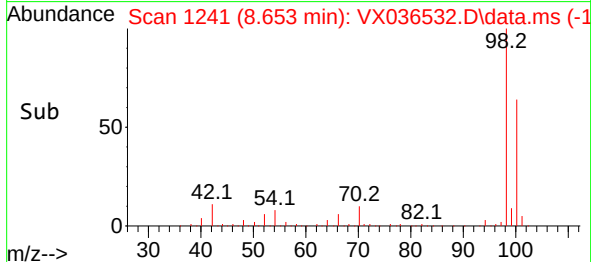
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion: 98 Resp: 207979
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

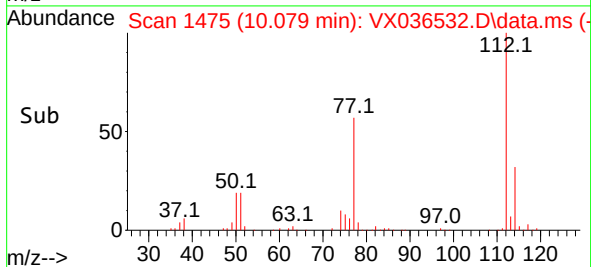
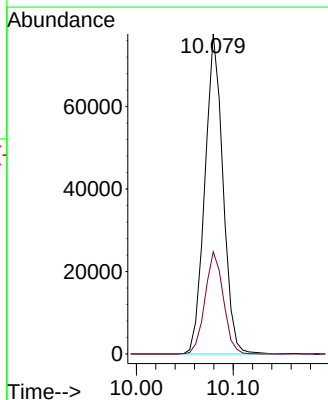
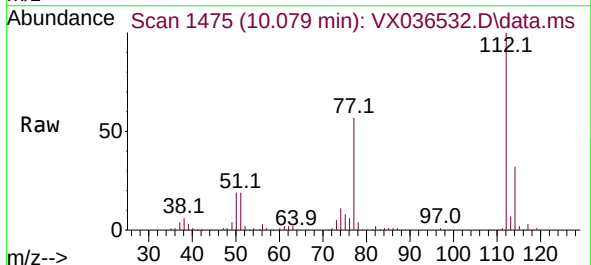
Manual Integrations
APPROVED

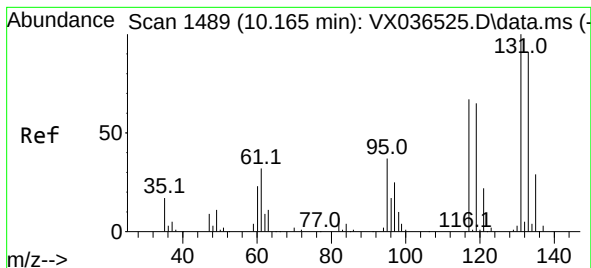
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Chlorobenzene
Concen: 18.759 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion:112 Resp: 100871
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





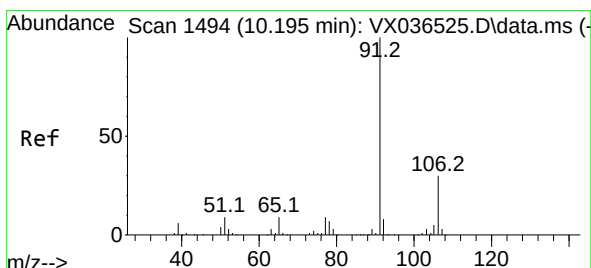
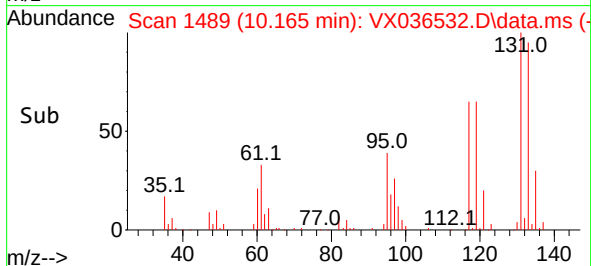
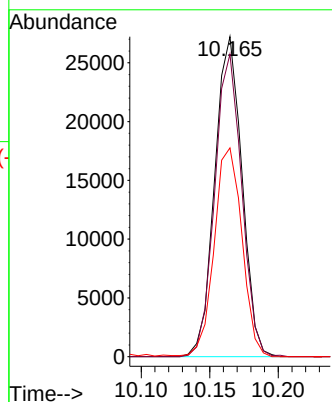
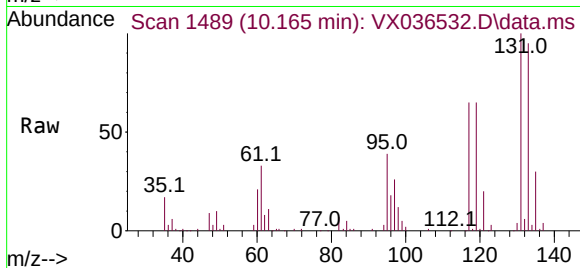
#65
1,1,1,2-Tetrachloroethane
Concen: 19.382 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tgt Ion:131 Resp: 3764
Ion Ratio Lower Upper
131 100
133 93.5 0.0 192.0
119 66.4 0.0 132.8

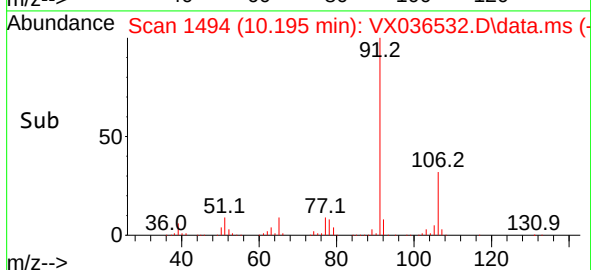
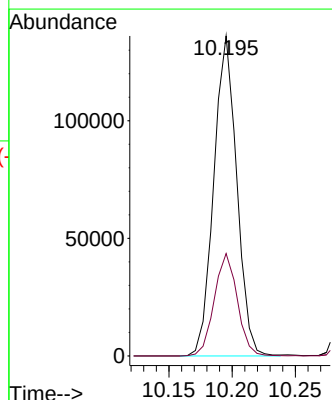
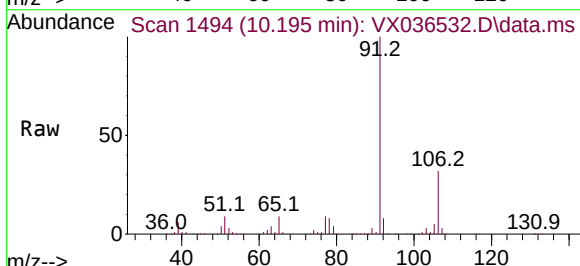
Manual Integrations
APPROVED

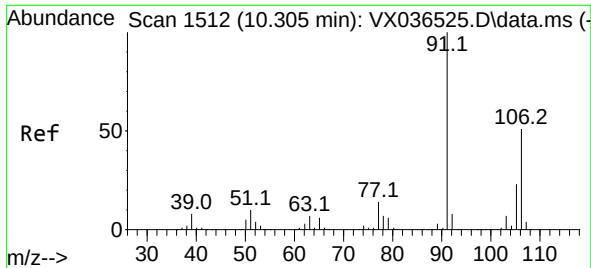
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
Ethyl Benzene
Concen: 18.291 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion: 91 Resp: 171699
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4





#67

m/p-Xylenes

Concen: 36.586 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion:106 Resp: 13389

Ion Ratio Lower Upper

106 100

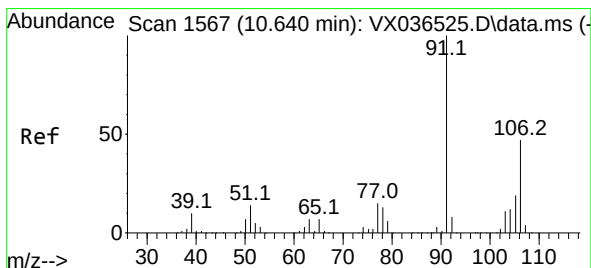
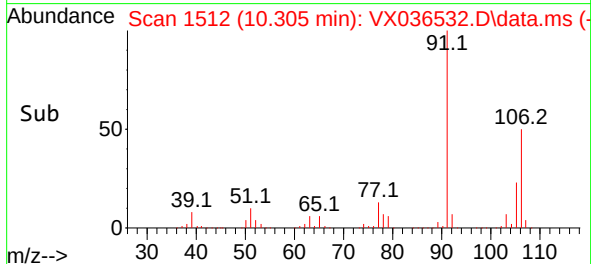
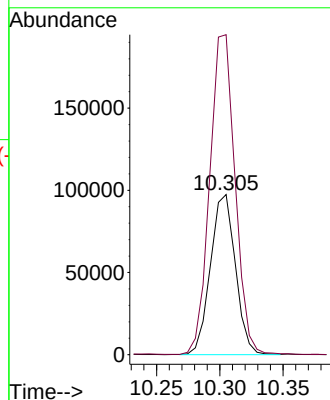
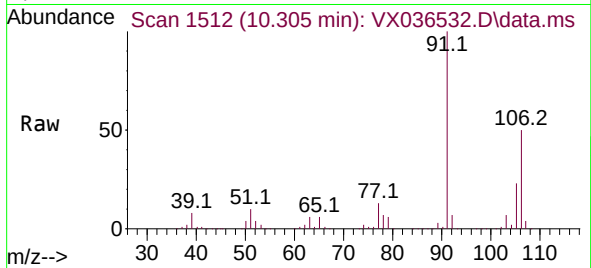
91 203.3 160.5 240.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#68

o-Xylene

Concen: 18.960 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036532.D

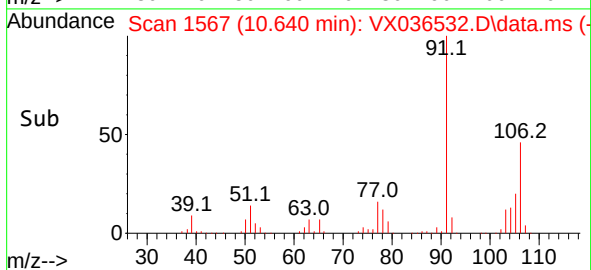
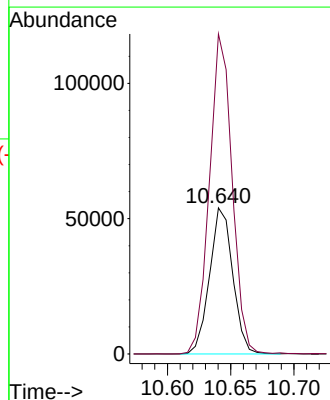
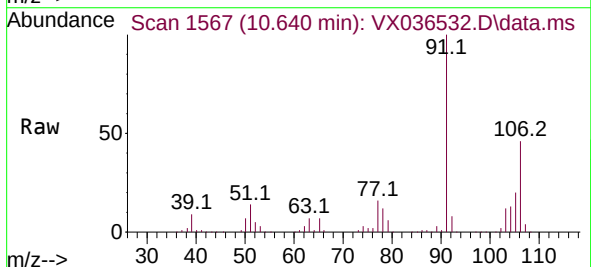
Acq: 13 Jul 2023 17:54

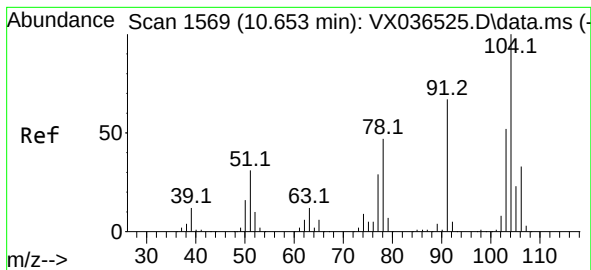
Tgt Ion:106 Resp: 68863

Ion Ratio Lower Upper

106 100

91 213.9 105.4 316.1





#69

Styrene

Concen: 18.938 ug/l

RT: 10.659 min Scan# 11152

Delta R.T. 0.006 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

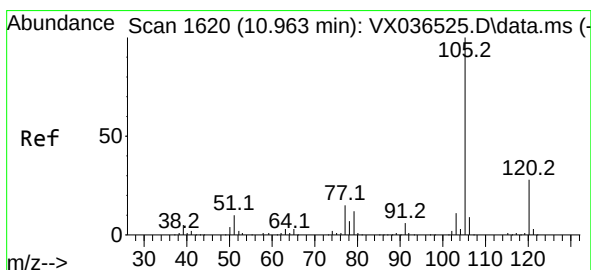
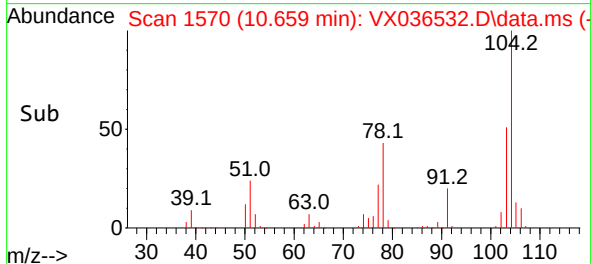
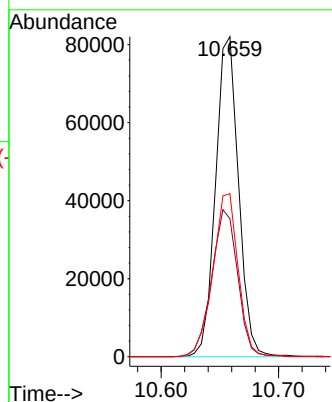
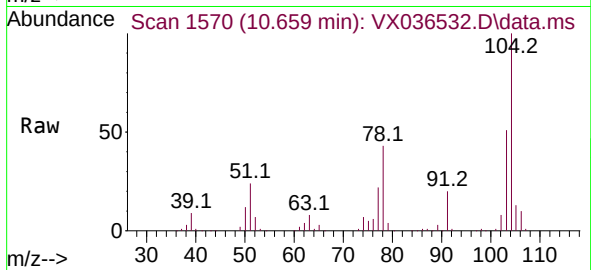
Tgt Ion:104 Resp: 11152
 Ion Ratio Lower Upper
 104 100
 78 52.0 41.0 61.4
 103 56.2 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#70

Isopropylbenzene

Concen: 17.945 ug/l

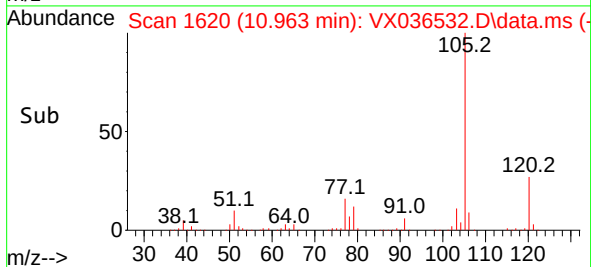
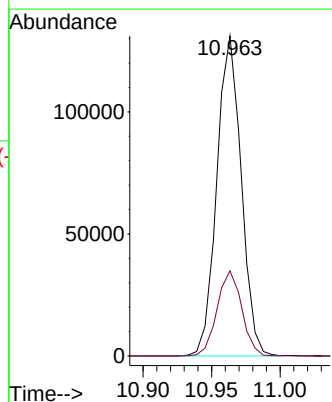
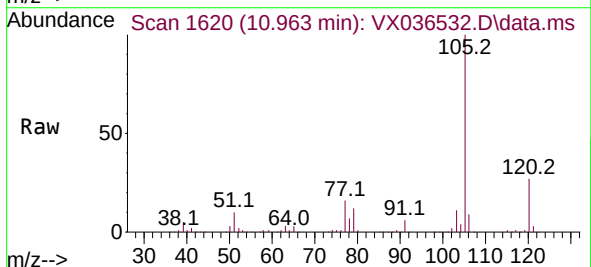
RT: 10.963 min Scan# 1620

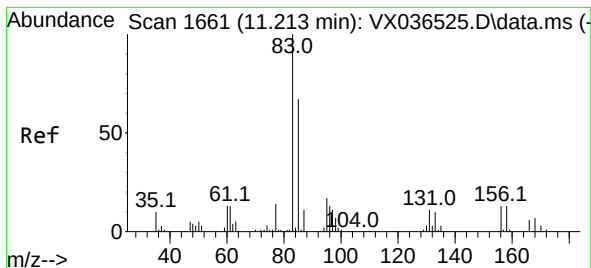
Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

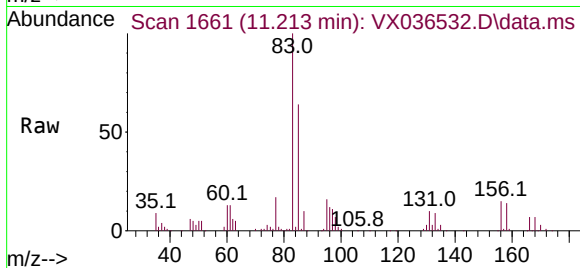
Tgt Ion:105 Resp: 162332
 Ion Ratio Lower Upper
 105 100
 120 26.8 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.077 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

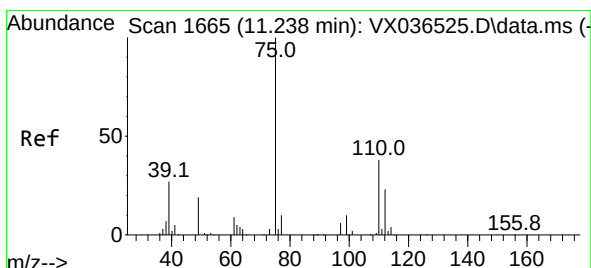
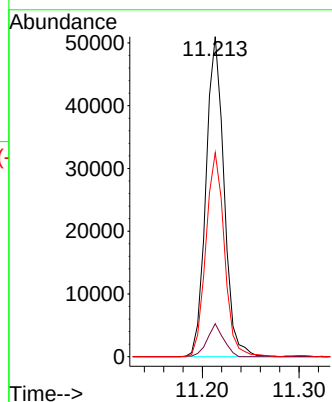
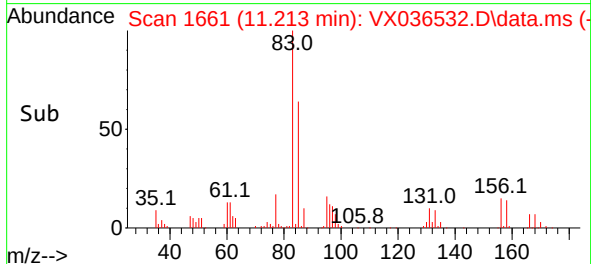
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



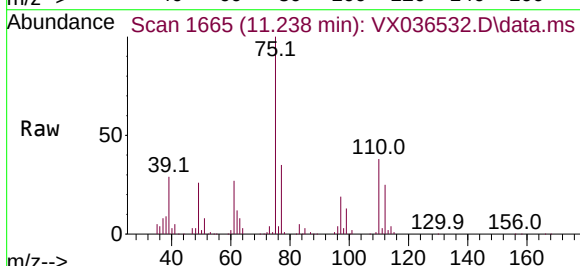
Tgt Ion: 83 Resp: 66290
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 65.2 32.4 97.0

Manual Integrations
APPROVED

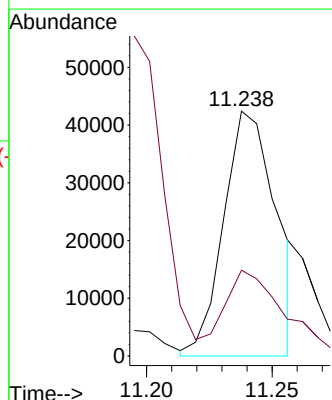
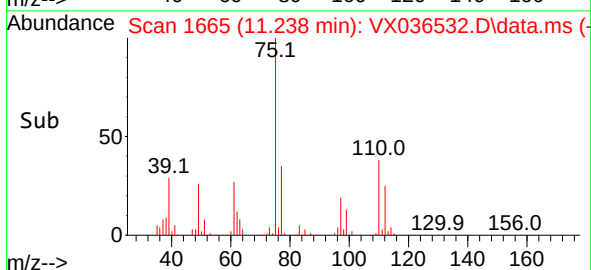
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

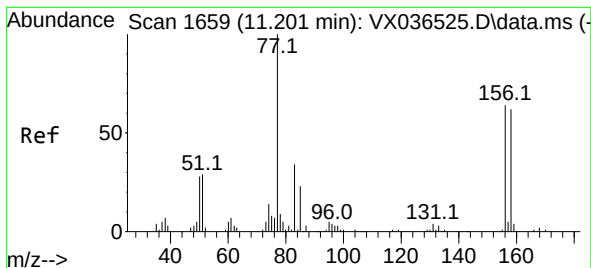


#72
1,2,3-Trichloropropane
Concen: 20.108 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54



Tgt Ion: 75 Resp: 61521
Ion Ratio Lower Upper
75 100
77 40.8 0.0 77.2





#73

Bromobenzene

Concen: 19.572 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion:156 Resp: 43760

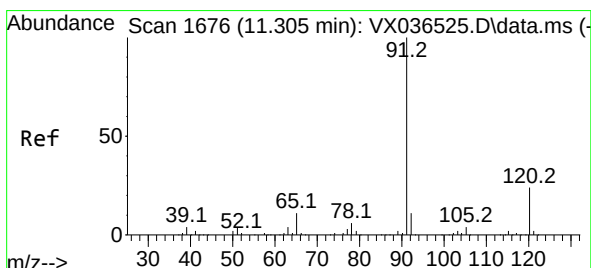
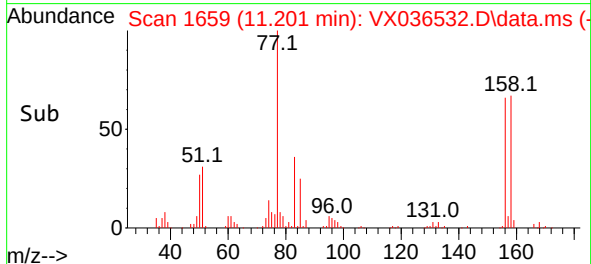
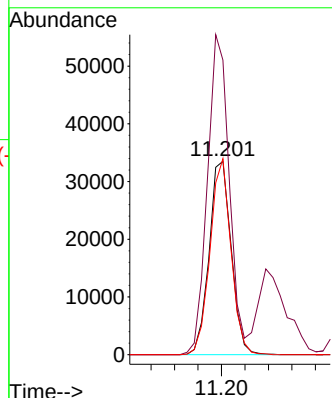
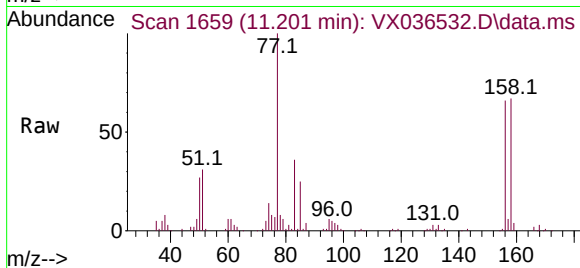
Ion	Ratio	Lower	Upper
156	100		
77	162.9	0.0	333.0
158	95.9	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#74

n-propylbenzene

Concen: 17.627 ug/l

RT: 11.305 min Scan# 1676

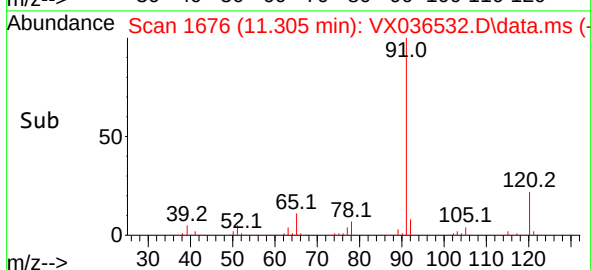
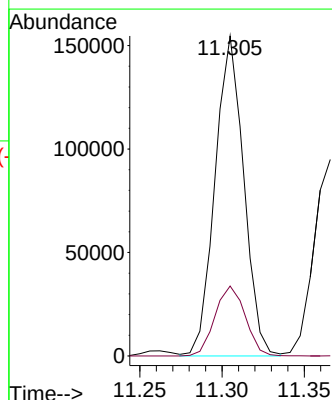
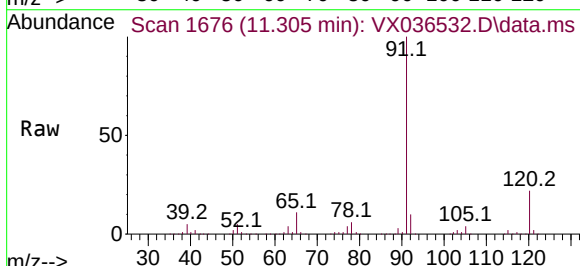
Delta R.T. -0.000 min

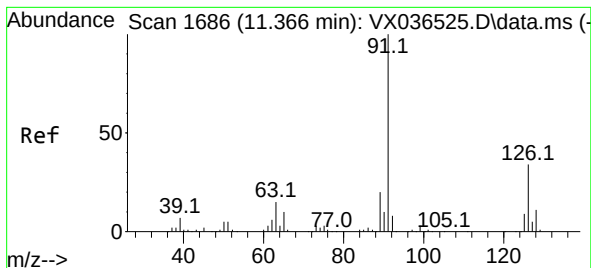
Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Tgt Ion: 91 Resp: 187680

Ion	Ratio	Lower	Upper
91	100		
120	23.0	0.0	46.6





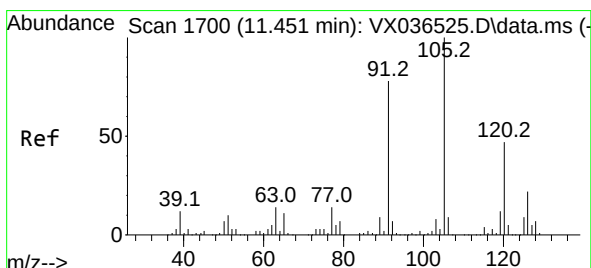
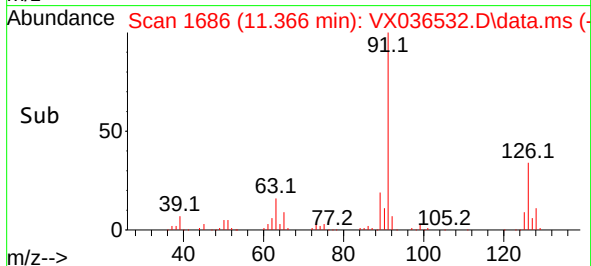
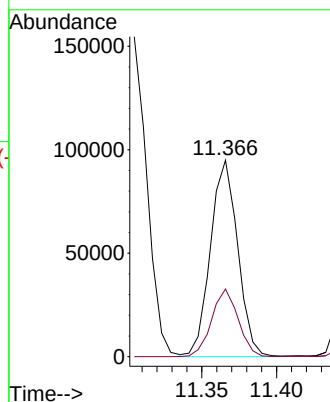
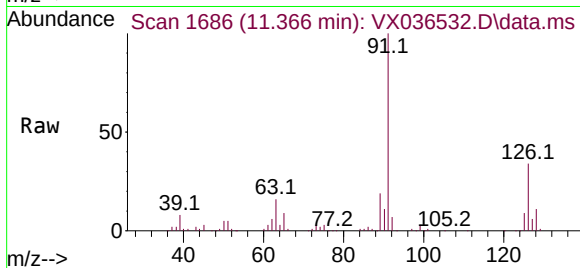
#75
2-Chlorotoluene
Concen: 18.608 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tgt Ion: 91 Resp: 12048
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.2

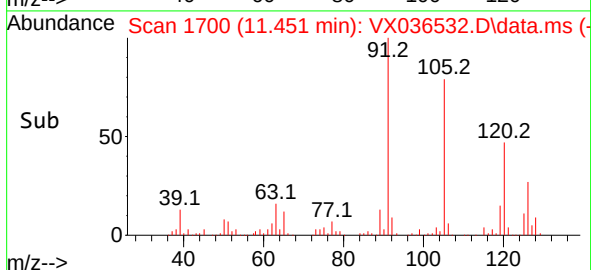
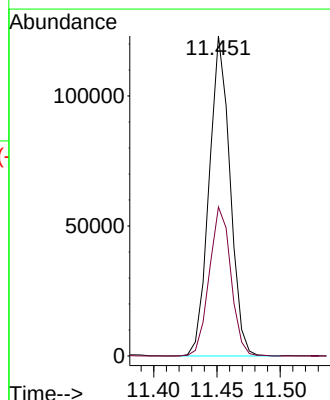
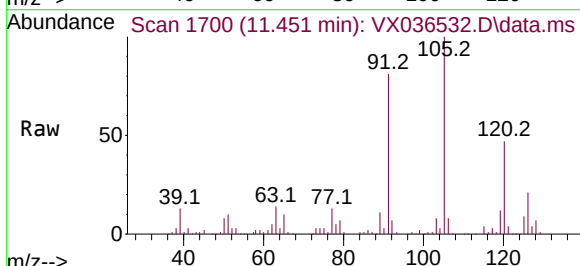
Manual Integrations
APPROVED

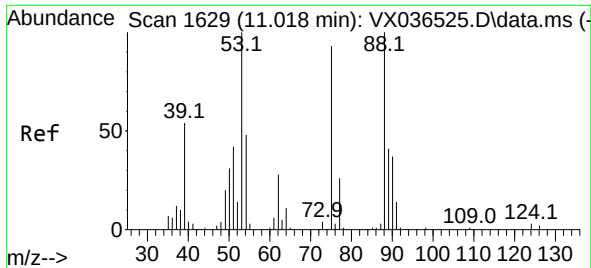
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.197 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

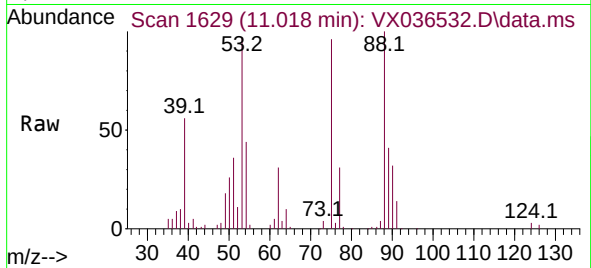
Tgt Ion:105 Resp: 141451
Ion Ratio Lower Upper
105 100
120 48.0 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.989 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

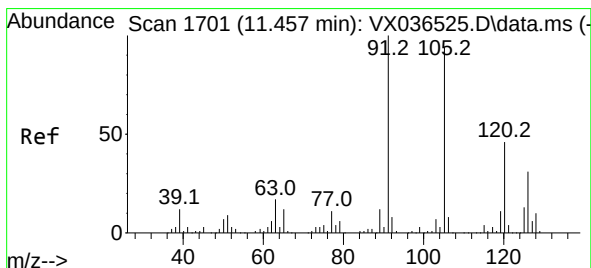
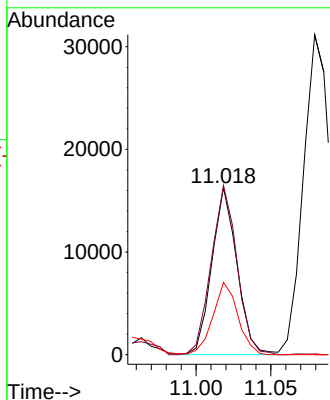
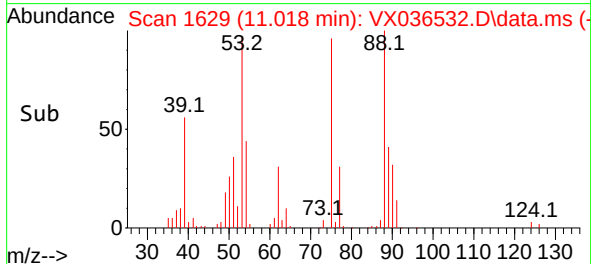
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



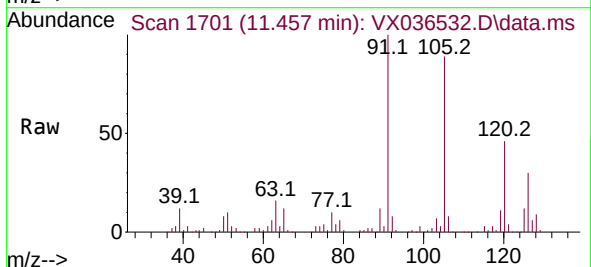
Tgt Ion: 75 Resp: 19078
Ion Ratio Lower Upper
75 100
53 101.7 53.9 161.7
89 43.5 22.1 66.1

Manual Integrations
APPROVED

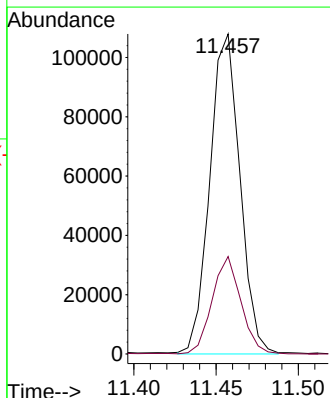
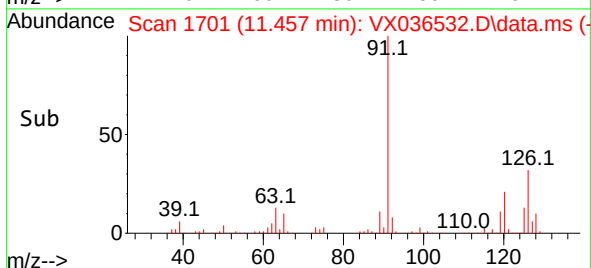
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

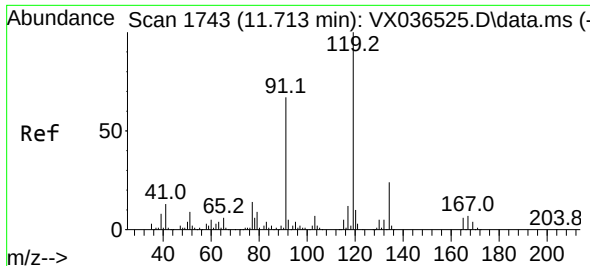


#78
4-Chlorotoluene
Concen: 18.673 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54



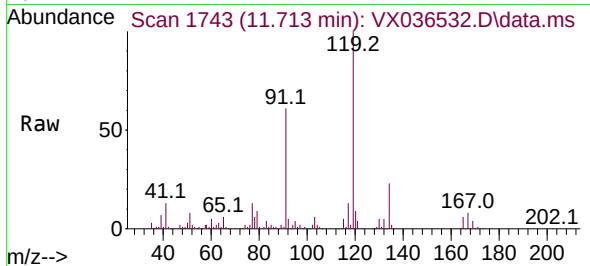
Tgt Ion: 91 Resp: 137660
Ion Ratio Lower Upper
91 100
126 29.0 0.0 59.4





#79
tert-butylbenzene
Concen: 17.657 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

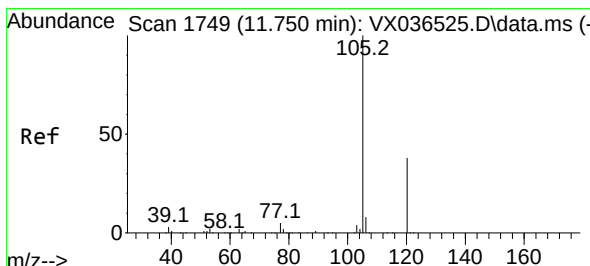
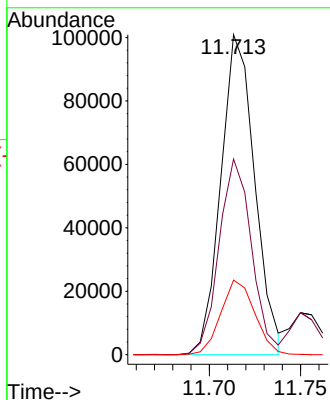
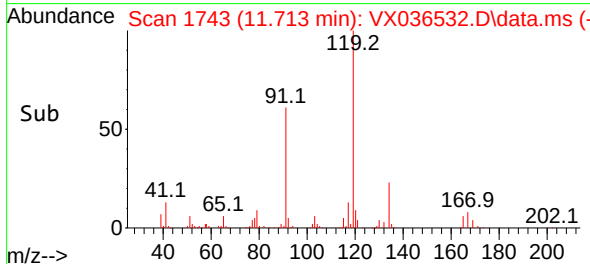
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



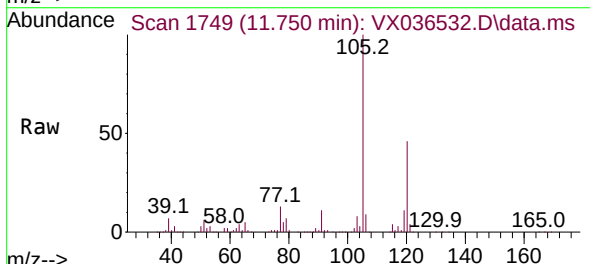
Tgt Ion:119 Resp: 130270
Ion Ratio Lower Upper
119 100
91 58.8 0.0 124.4
134 23.4 0.0 47.2

Manual Integrations
APPROVED

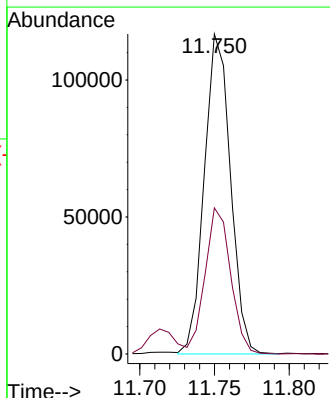
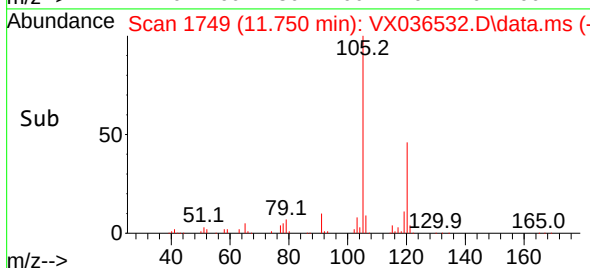
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

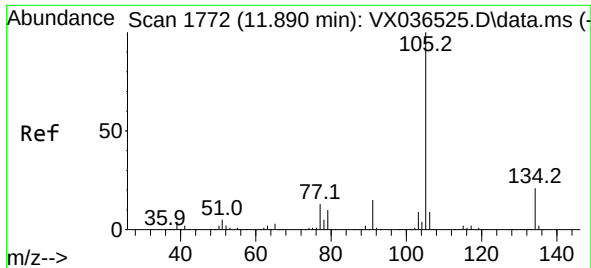


#80
1,2,4-Trimethylbenzene
Concen: 18.487 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54



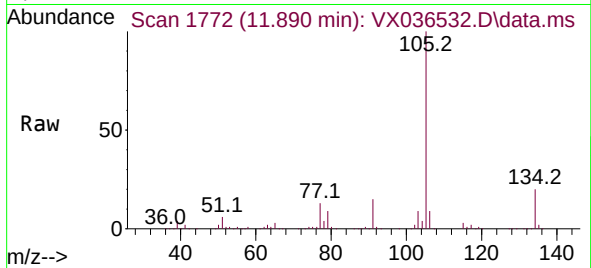
Tgt Ion:105 Resp: 142391
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 16.932 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036532.D
 Acq: 13 Jul 2023 17:54

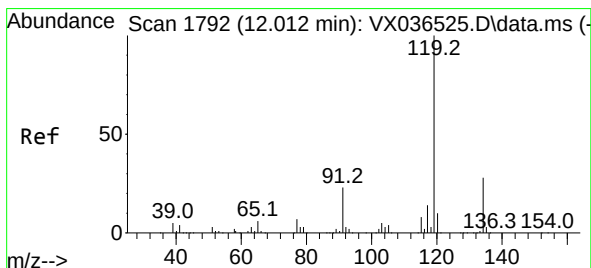
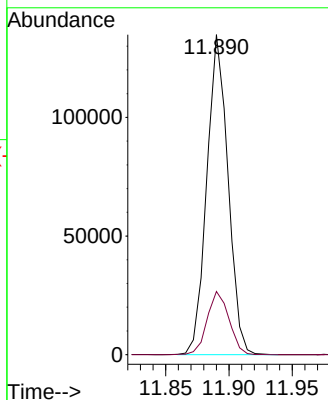
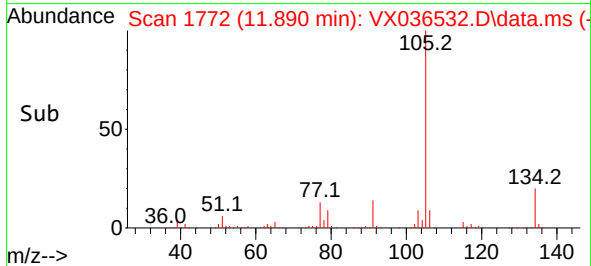
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01



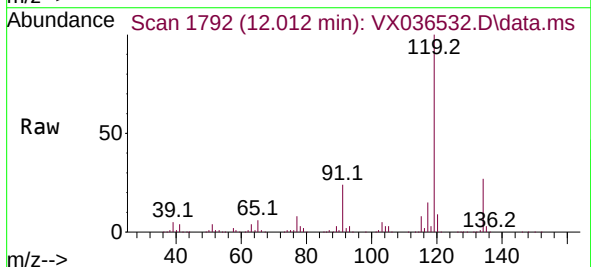
Tgt Ion:105 Resp: 157230
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.2

Manual Integrations
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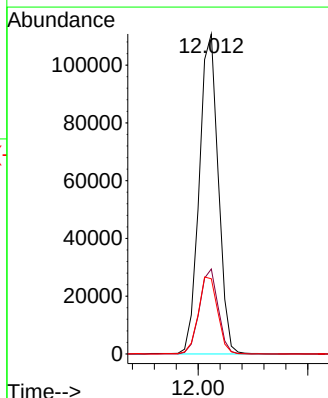
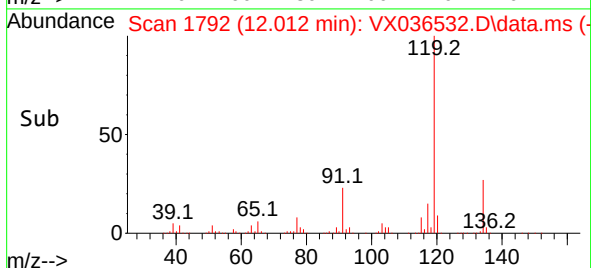
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

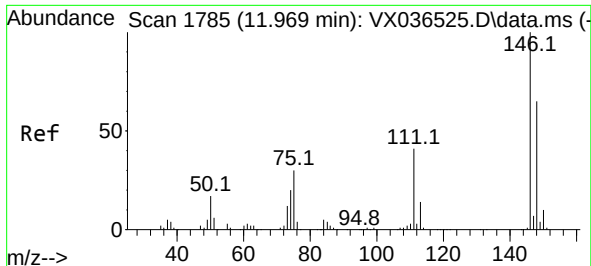


#82
 p-Isopropyltoluene
 Concen: 17.233 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX036532.D
 Acq: 13 Jul 2023 17:54



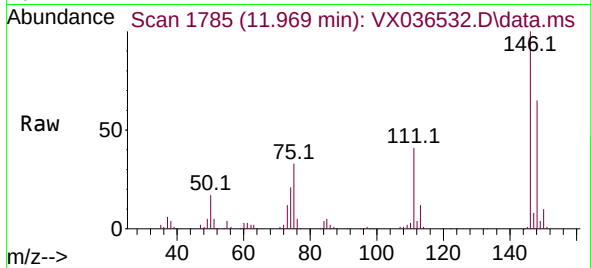
Tgt Ion:119 Resp: 133145
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 53.2
 91 24.5 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 18.847 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

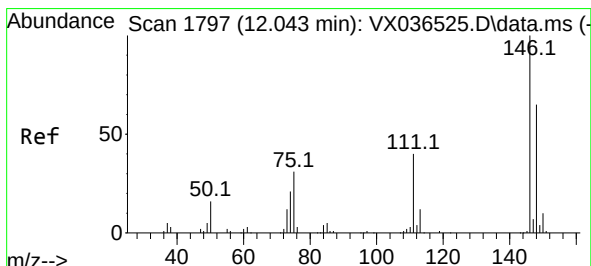
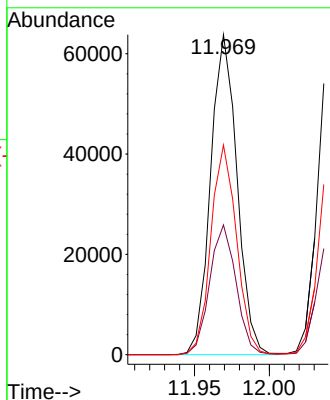
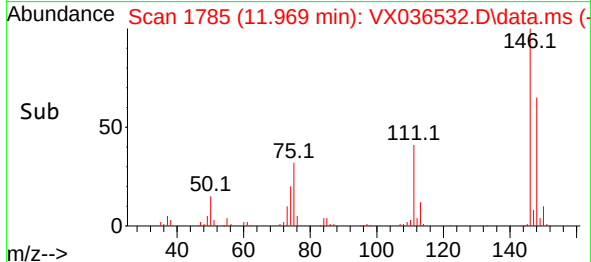
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



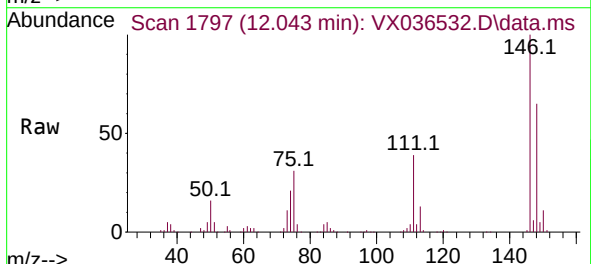
Tgt Ion:146 Resp: 7839
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.2
148 63.7 31.6 94.8

Manual Integrations
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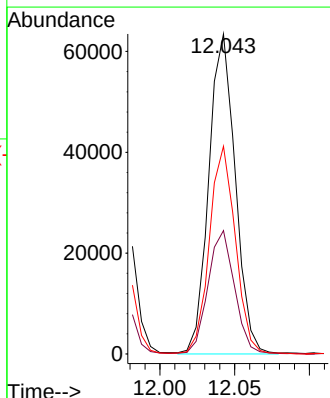
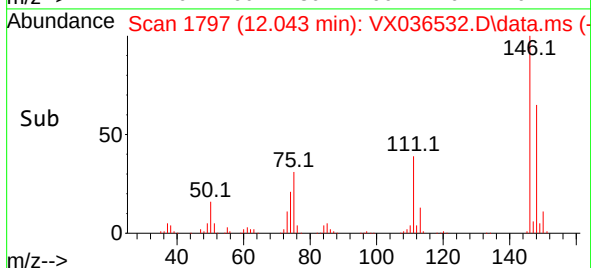
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

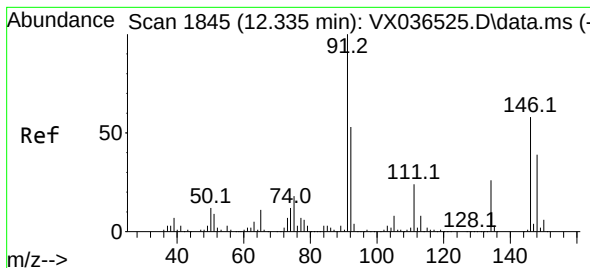


#84
1,4-Dichlorobenzene
Concen: 18.876 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54



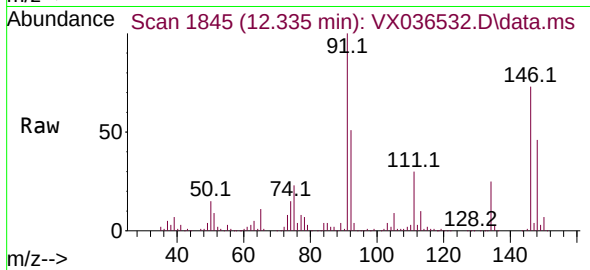
Tgt Ion:146 Resp: 78234
Ion Ratio Lower Upper
146 100
111 38.6 20.2 60.6
148 63.6 32.1 96.3





#85
n-Butylbenzene
Concen: 16.028 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

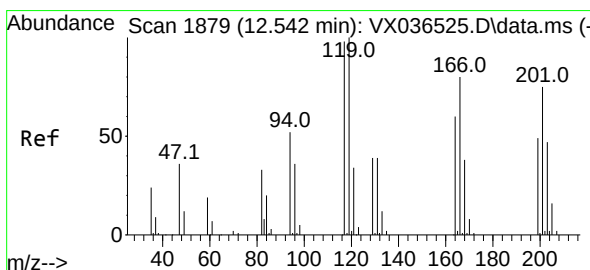
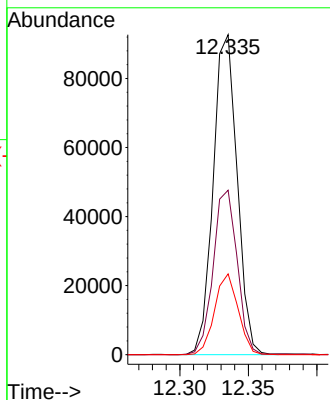
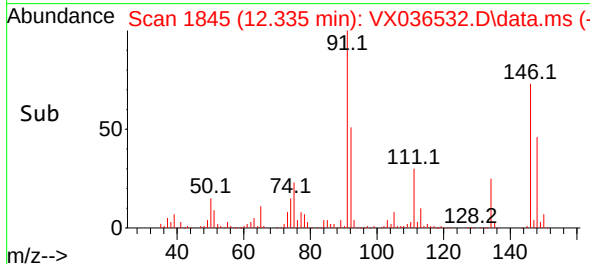
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion: 91 Resp: 112720
Ion Ratio Lower Upper
91 100
92 51.5 0.0 105.2
134 24.8 0.0 51.4

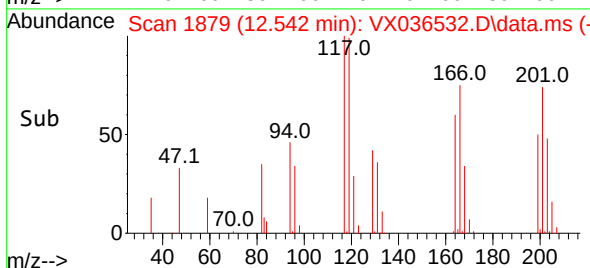
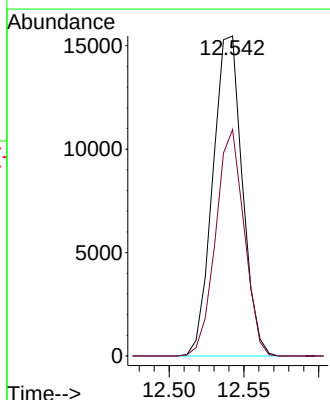
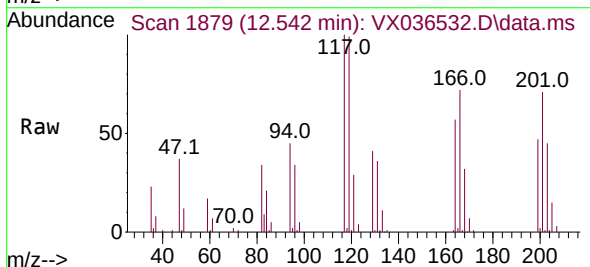
Manual Integrations
APPROVED

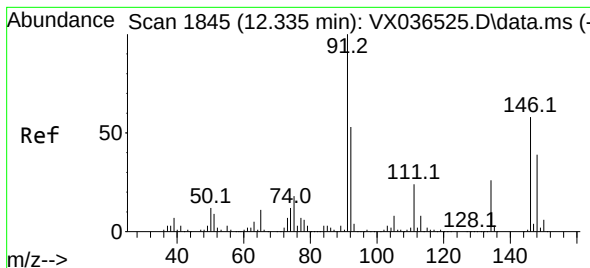
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#86
Hexachloroethane
Concen: 16.636 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion:117 Resp: 21281
Ion Ratio Lower Upper
117 100
201 68.0 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 19.385 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036532.D

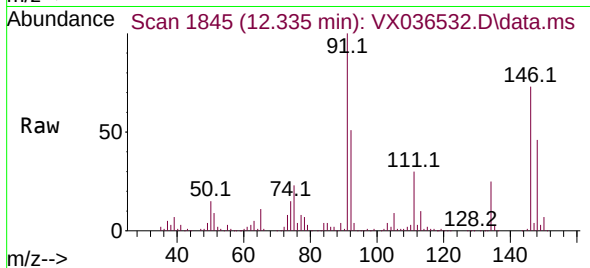
Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01



Tgt Ion:146 Resp: 80874

Ion Ratio Lower Upper

146 100

111 41.3 21.4 64.3

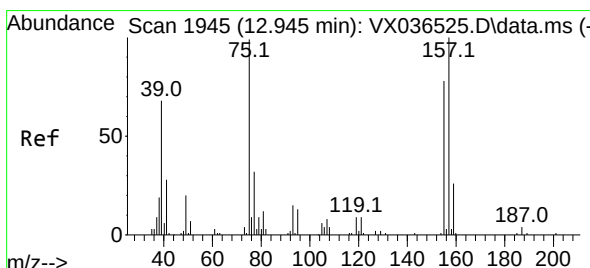
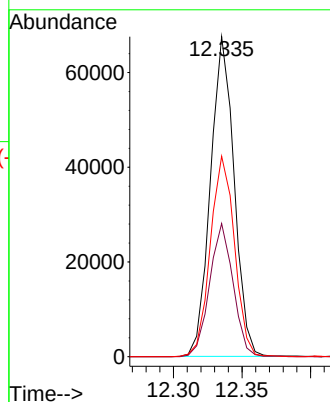
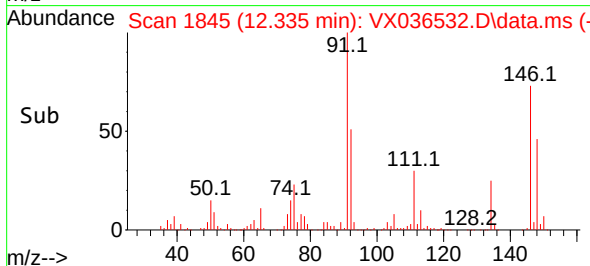
148 64.2 33.2 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.673 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

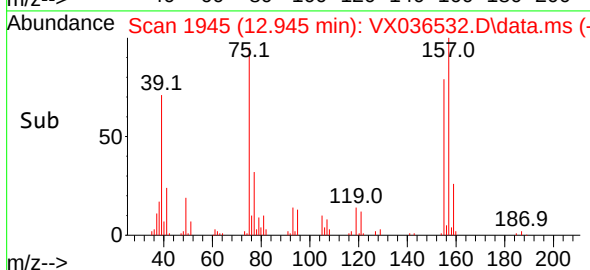
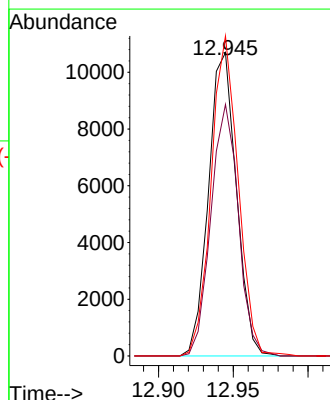
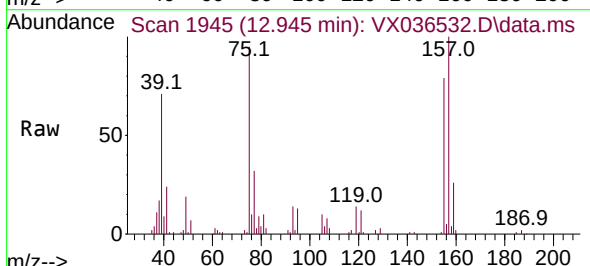
Tgt Ion: 75 Resp: 13863

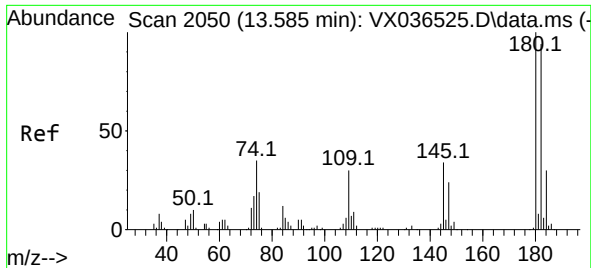
Ion Ratio Lower Upper

75 100

155 81.5 62.7 94.1

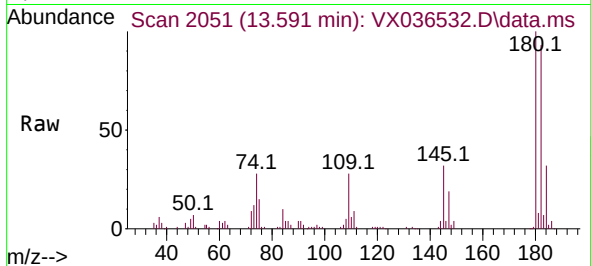
157 101.8 81.5 122.3





#89
1,2,4-Trichlorobenzene
Concen: 17.478 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

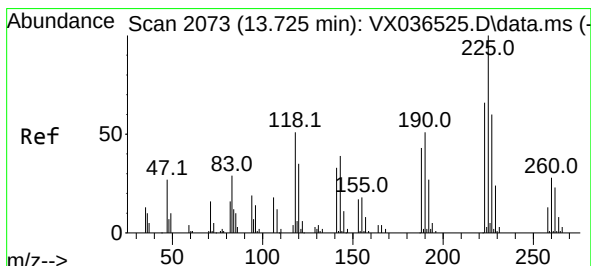
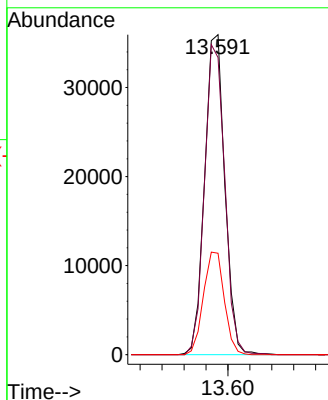
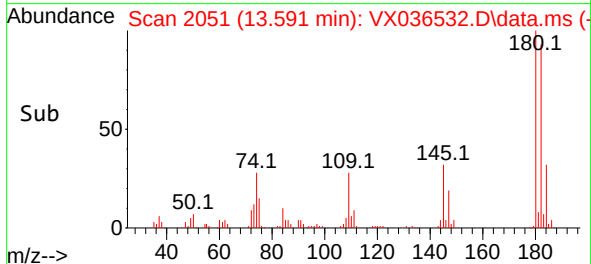
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01



Tgt Ion:180 Resp: 45984
Ion Ratio Lower Upper
180 100
182 96.9 75.6 113.4
145 33.1 25.4 38.2

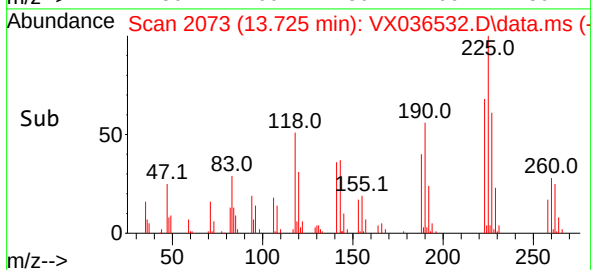
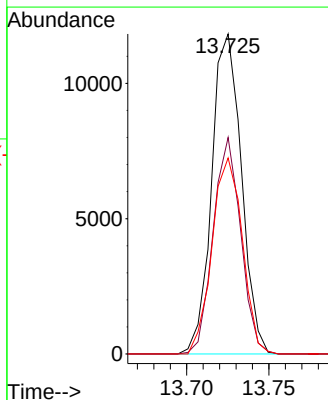
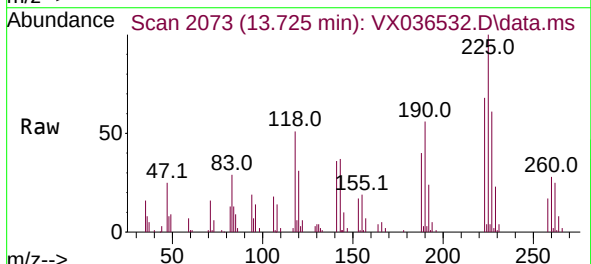
Manual Integrations
APPROVED

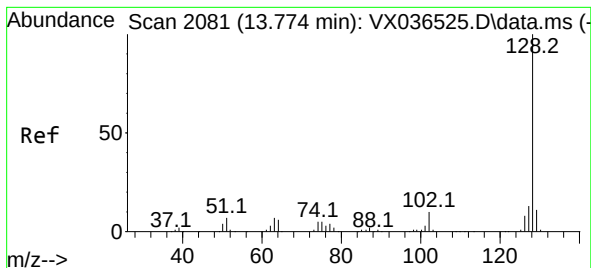
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#90
Hexachlorobutadiene
Concen: 15.549 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036532.D
Acq: 13 Jul 2023 17:54

Tgt Ion:225 Resp: 14859
Ion Ratio Lower Upper
225 100
223 62.7 0.0 124.2
227 62.4 0.0 120.4





#91

Naphthalene

Concen: 18.866 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tgt Ion:128 Resp: 174158

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

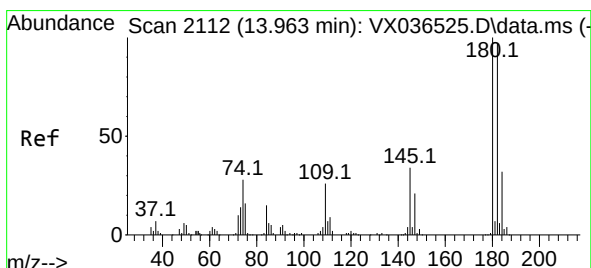
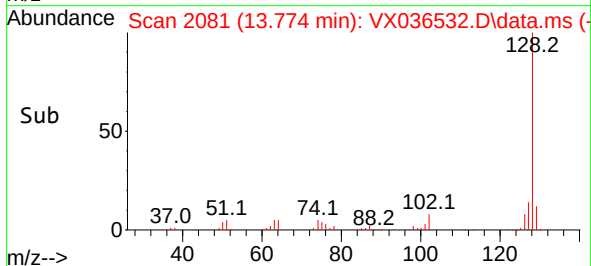
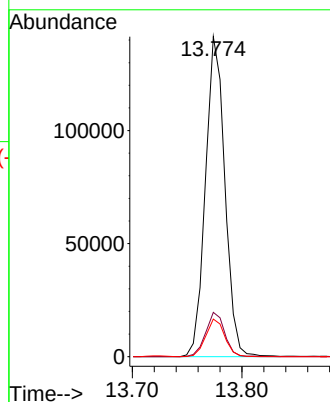
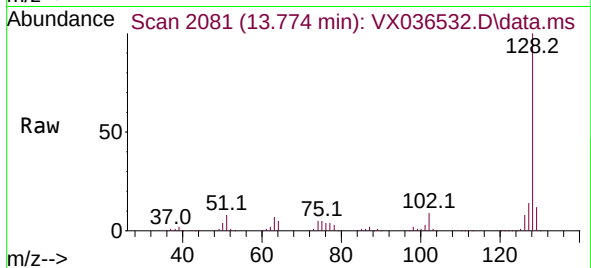
129 11.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#92

1,2,3-Trichlorobenzene

Concen: 18.367 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036532.D

Acq: 13 Jul 2023 17:54

Tgt Ion:180 Resp: 48776

Ion Ratio Lower Upper

180 100

182 90.4 0.0 190.6

145 33.4 0.0 66.8

