

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
 Data File : VX040843.D
 Acq On : 01 Apr 2024 13:37
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 05:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:19:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	49816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	85047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	40716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	4973	5.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.120%#		
35) Dibromofluoromethane	5.385	113	3018	5.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.020%#		
50) Toluene-d8	8.647	98	10885	5.001	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.000%#		
62) 4-Bromofluorobenzene	11.079	95	4197	4.828	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.660%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3263	4.832	ug/l	100
3) Chloromethane	1.300	50	2884	4.944	ug/l	94
4) Vinyl Chloride	1.374	62	2972	4.936	ug/l	95
5) Bromomethane	1.599	94	2070	5.588	ug/l	89
6) Chloroethane	1.685	64	1969	5.073	ug/l	94
7) Trichlorofluoromethane	1.886	101	5956	5.167	ug/l	92
8) Diethyl Ether	2.130	74	2044	5.488	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	3072	5.170	ug/l	97
10) Methyl Iodide	2.453	142	3581	4.968	ug/l	93
11) Tert butyl alcohol	2.959	59	3947	24.187	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	2991	5.367	ug/l	97
13) Acrolein	2.239	56	2080	23.350	ug/l	94
14) Allyl chloride	2.666	41	5069	5.077	ug/l	89
15) Acrylonitrile	3.062	53	8514	24.732	ug/l	96
16) Acetone	2.380	43	8681	25.012	ug/l	97
17) Carbon Disulfide	2.514	76	7626	4.730	ug/l	99
18) Methyl Acetate	2.703	43	4280	5.198	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	9571	4.879	ug/l #	91
20) Methylene Chloride	2.788	84	3054	4.748	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	2813	4.779	ug/l	98
22) Diisopropyl ether	3.763	45	9627	4.955	ug/l	90
23) Vinyl Acetate	3.721	43	43944	23.598	ug/l	99
24) 1,1-Dichloroethane	3.617	63	5550	5.000	ug/l #	91
25) 2-Butanone	4.562	43	12507	24.259	ug/l	94
26) 2,2-Dichloropropane	4.477	77	4616	4.844	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	3269	4.809	ug/l	99
28) Bromochloromethane	4.897	49	2756	5.522	ug/l #	98
29) Tetrahydrofuran	5.013	42	8223	24.539	ug/l	98
30) Chloroform	5.092	83	5924	4.903	ug/l	89
31) Cyclohexane	5.464	56	4696	4.951	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	5390	5.020	ug/l #	75
36) 1,1-Dichloropropene	5.702	75	4224	4.935	ug/l	98
37) Ethyl Acetate	4.721	43	5036	4.791	ug/l #	86
38) Carbon Tetrachloride	5.678	117	4505	4.754	ug/l	99
39) Methylcyclohexane	7.379	83	4807	4.700	ug/l	89
40) Benzene	6.044	78	11892	5.006	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
 Data File : VX040843.D
 Acq On : 01 Apr 2024 13:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 05:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:19:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2724m	5.047	ug/l	
42) 1,2-Dichloroethane	6.086	62	4929	4.777	ug/l	96
43) Isopropyl Acetate	6.342	43	7933	4.887	ug/l	95
44) Trichloroethene	7.129	130	2997	5.051	ug/l	87
45) 1,2-Dichloropropane	7.434	63	2862	5.047	ug/l	99
46) Dibromomethane	7.586	93	2215	4.765	ug/l	96
47) Bromodichloromethane	7.824	83	4610	4.767	ug/l	95
48) Methyl methacrylate	7.696	41	3893	4.898	ug/l	94
49) 1,4-Dioxane	7.665	88	1552	102.323	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	25764	23.930	ug/l	97
52) Toluene	8.720	92	7453	4.972	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	4036	4.814	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	4512	4.705	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	2840	4.855	ug/l #	70
56) Ethyl methacrylate	9.116	69	4699	4.678	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	5024	4.911	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	11801	24.234	ug/l	96
59) 2-Hexanone	9.427	43	19590	22.687	ug/l	94
60) Dibromochloromethane	9.518	129	3279	4.695	ug/l	96
61) 1,2-Dibromoethane	9.610	107	3153	4.996	ug/l	95
64) Tetrachloroethene	9.275	164	2508	4.766	ug/l	89
65) Chlorobenzene	10.079	112	8303	4.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	2662	4.611	ug/l	95
67) Ethyl Benzene	10.195	91	14653	4.724	ug/l	95
68) m/p-Xylenes	10.299	106	10639	9.428	ug/l	90
69) o-Xylene	10.640	106	4992	4.695	ug/l	90
70) Styrene	10.652	104	8399	4.559	ug/l	91
71) Bromoform	10.799	173	2081	4.684	ug/l #	92
73) Isopropylbenzene	10.957	105	14195	4.992	ug/l	98
74) N-amyl acetate	10.841	43	6474	4.495	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	4835	4.972	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	4411m	5.080	ug/l	
77) Bromobenzene	11.195	156	3145	4.715	ug/l	92
78) n-propylbenzene	11.305	91	16663	4.689	ug/l	97
79) 2-Chlorotoluene	11.360	91	10519	4.960	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	11841	4.875	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	1252	3.891	ug/l #	84
82) 4-Chlorotoluene	11.457	91	12412	4.902	ug/l	97
83) tert-Butylbenzene	11.713	119	11700	4.856	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	11760	4.806	ug/l	100
85) sec-Butylbenzene	11.890	105	14746	4.819	ug/l	100
86) p-Isopropyltoluene	12.006	119	12276	4.783	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	6411	4.755	ug/l	94
88) 1,4-Dichlorobenzene	12.036	146	7048	4.926	ug/l	93
89) n-Butylbenzene	12.335	91	11803	4.655	ug/l	98
90) Hexachloroethane	12.536	117	1980	4.428	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	6471	4.897	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1148	4.595	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	4316	4.711	ug/l	94
94) Hexachlorobutadiene	13.725	225	1658	4.724	ug/l	96
95) Naphthalene	13.774	128	13832	4.689	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	4022	4.602	ug/l	94

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Data File : VX040843.D
Acq On : 01 Apr 2024 13:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

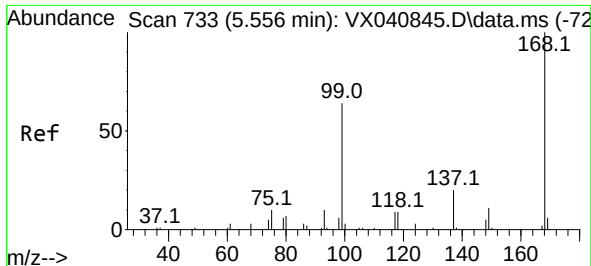
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 05:24:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:19:09 2024
Response via : Initial Calibration

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



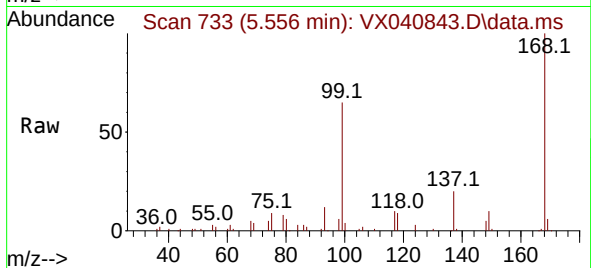
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



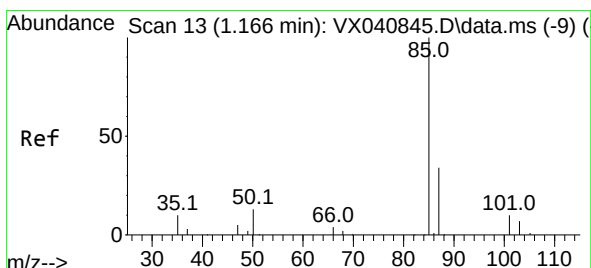
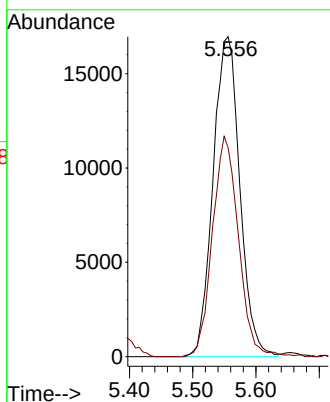
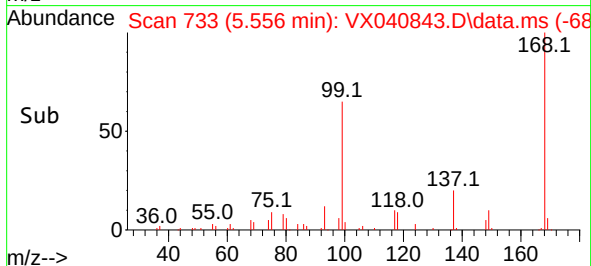
Tgt Ion:168 Resp: 49810
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0

Manual Integrations

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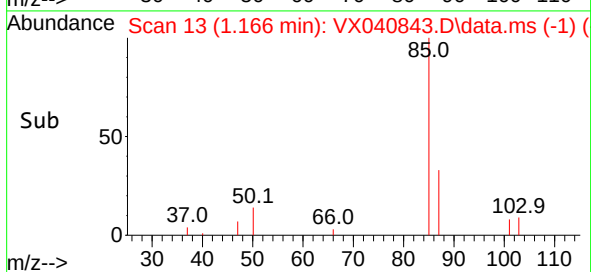
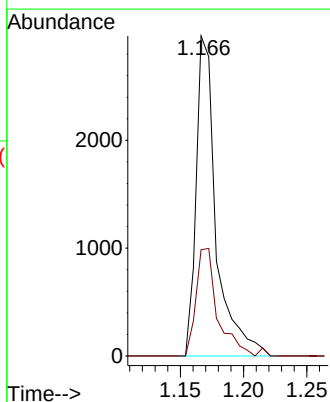
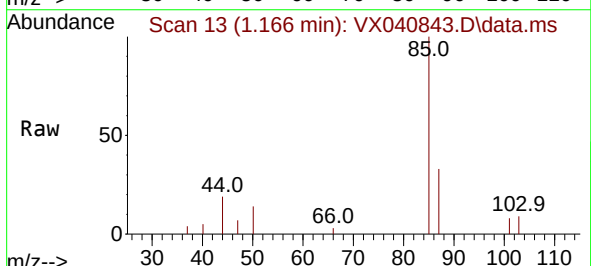
Reviewed By :John Carlone 04/02/2024

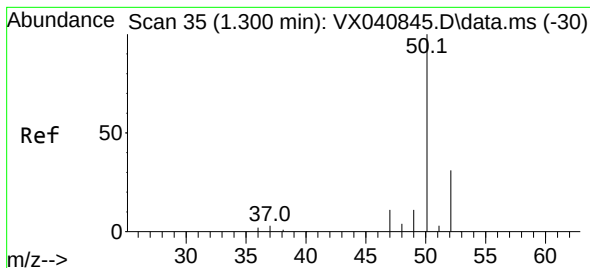
Supervised By :Mahesh Dadoda 04/02/2024



#2
Dichlorodifluoromethane
Concen: 4.832 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion: 85 Resp: 3263
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1





#3

Chloromethane

Concen: 4.944 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 2884

Ion Ratio Lower Upper

50 100

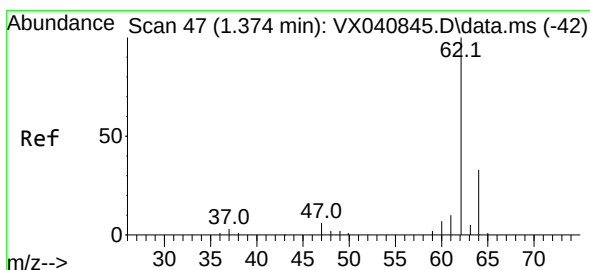
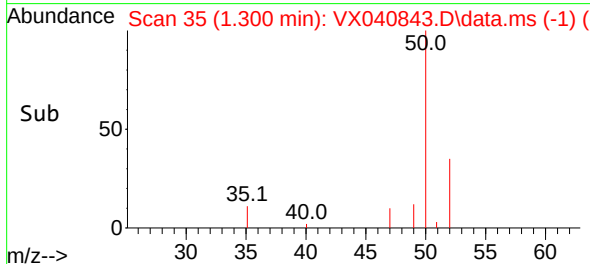
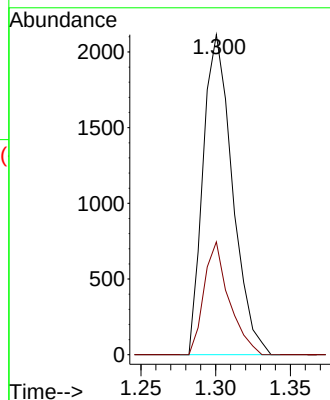
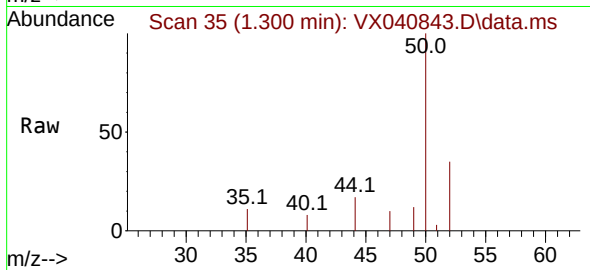
52 35.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#4

Vinyl Chloride

Concen: 4.936 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX040843.D

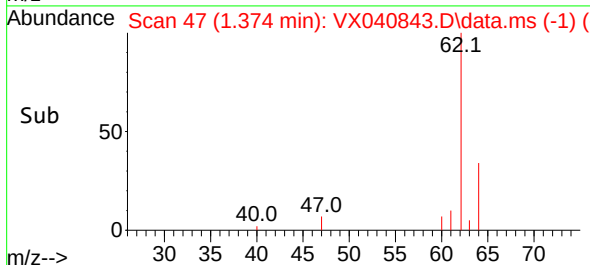
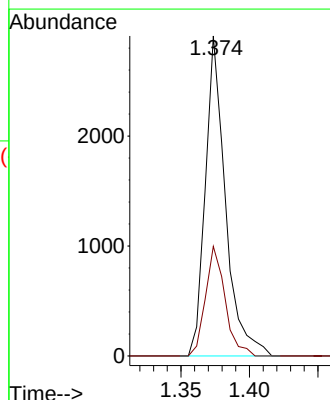
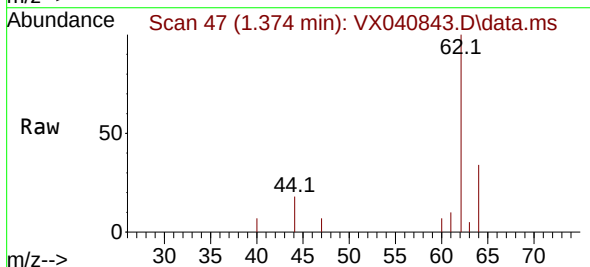
Acq: 01 Apr 2024 13:37

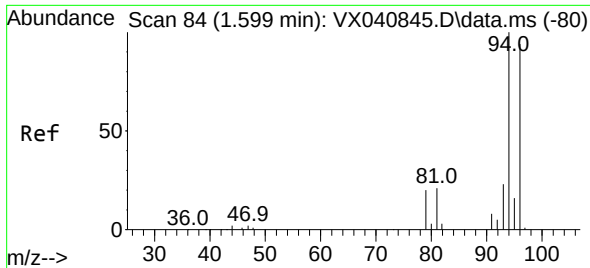
Tgt Ion: 62 Resp: 2972

Ion Ratio Lower Upper

62 100

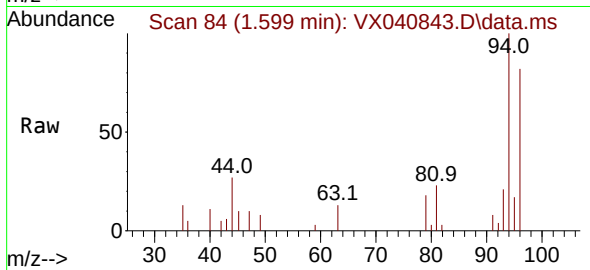
64 34.3 25.4 38.0





#5
Bromomethane
Concen: 5.588 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

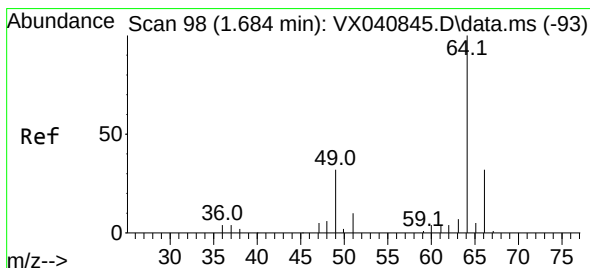
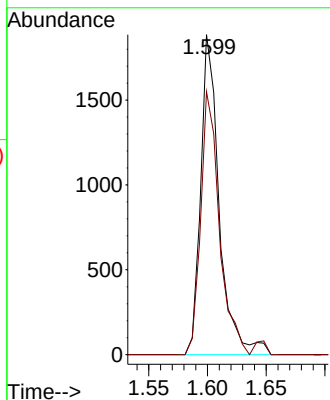
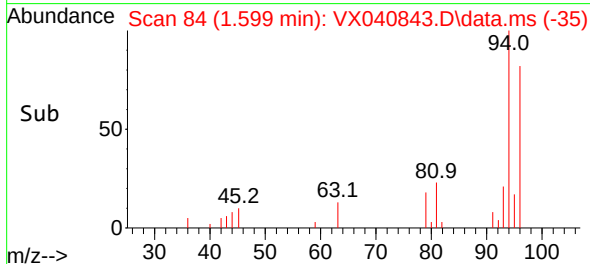
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 2070
Ion Ratio Lower Upper
94 100
96 82.2 74.6 111.8

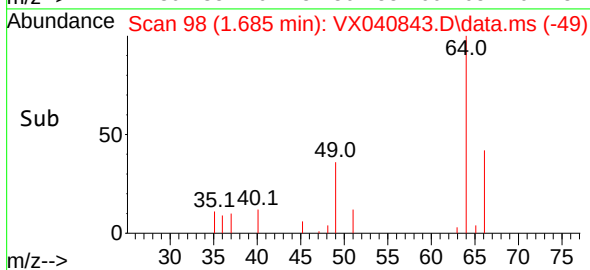
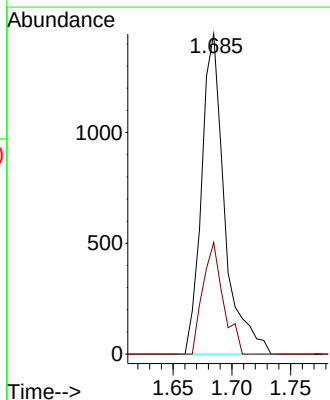
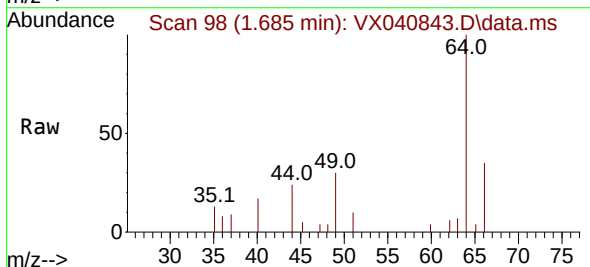
Manual Integrations
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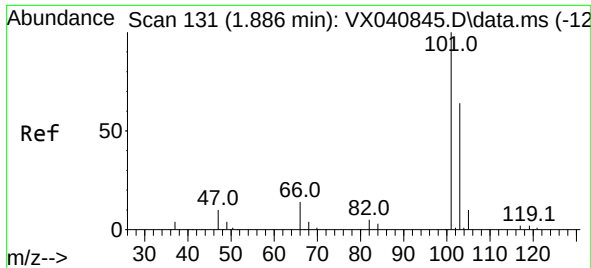
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#6
Chloroethane
Concen: 5.073 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion: 64 Resp: 1969
Ion Ratio Lower Upper
64 100
66 34.9 25.1 37.7





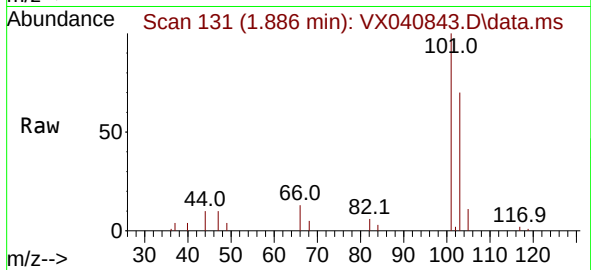
#7
 Trichlorofluoromethane
 Concen: 5.167 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040843.D
 Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



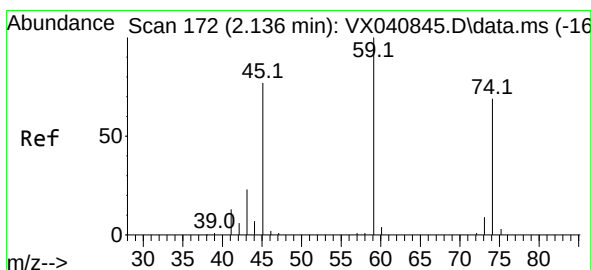
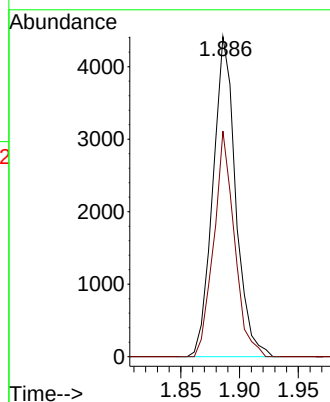
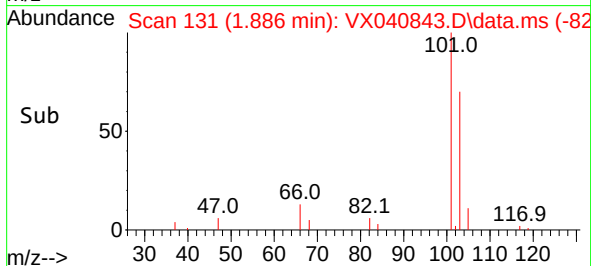
Tgt Ion:101 Resp: 5950
 Ion Ratio Lower Upper
 101 100
 103 70.5 51.4 77.2

Manual Integrations

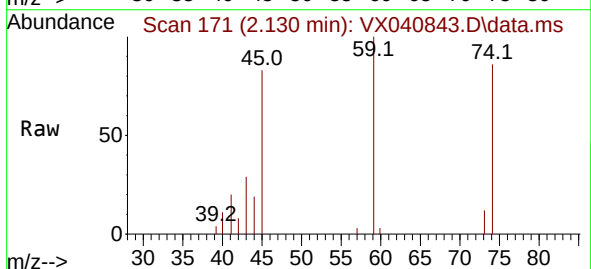
APPROVED

Reviewed By :John Carlone 04/02/2024

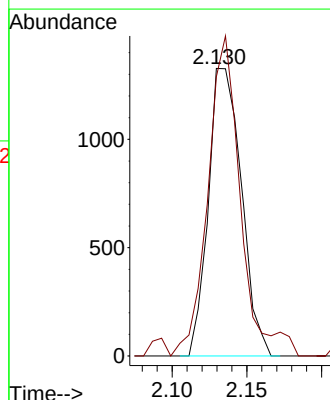
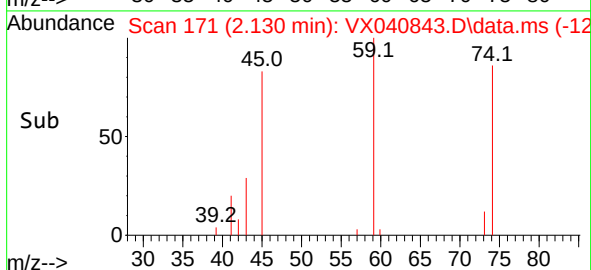
Supervised By :Mahesh Dadoda 04/02/2024

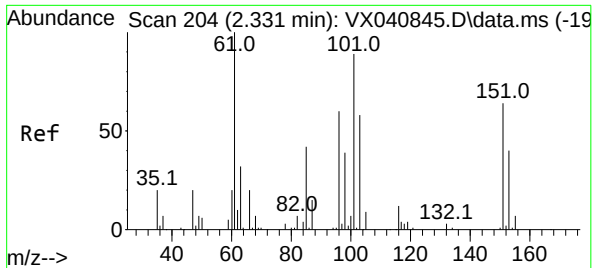


#8
 Diethyl Ether
 Concen: 5.488 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040843.D
 Acq: 01 Apr 2024 13:37



Tgt Ion: 74 Resp: 2044
 Ion Ratio Lower Upper
 74 100
 45 109.3 53.3 159.8





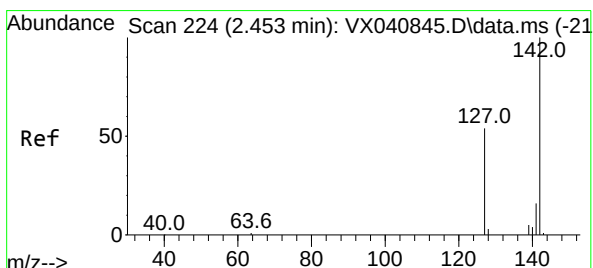
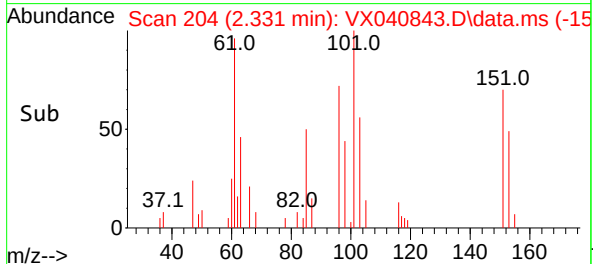
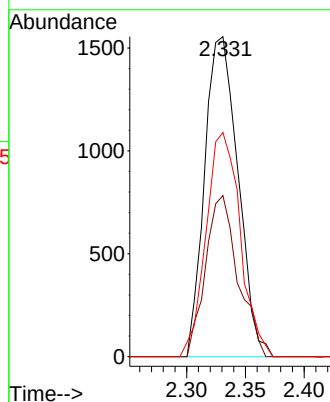
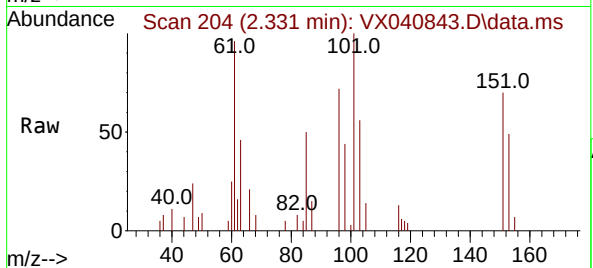
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.170 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3072
Ion Ratio Lower Upper
101 100
85 48.9 37.0 55.6
151 71.7 58.6 87.8

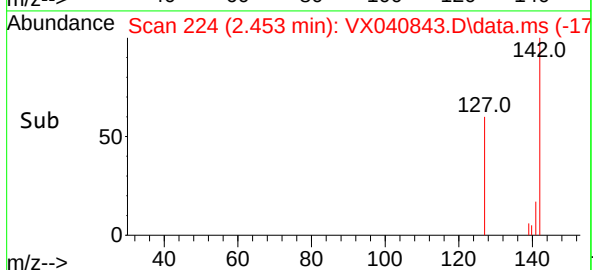
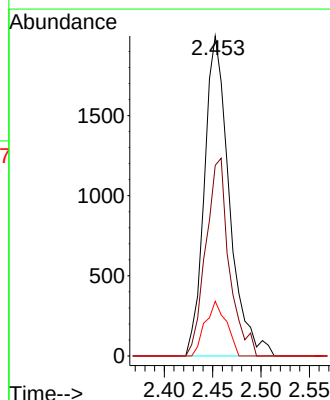
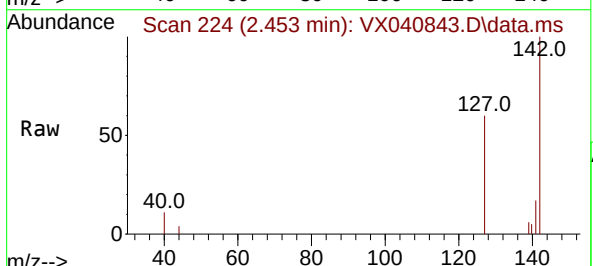
Manual Integrations
APPROVED

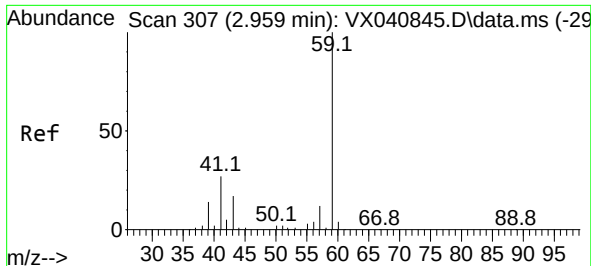
Reviewed By :John Carbone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#10
Methyl Iodide
Concen: 4.968 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

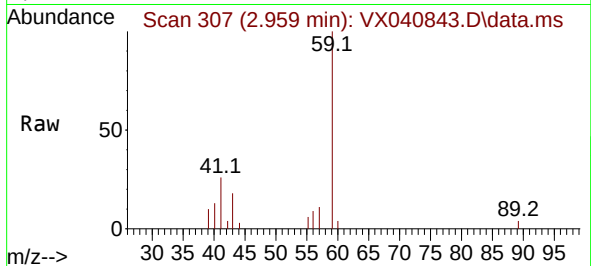
Tgt Ion:142 Resp: 3581
Ion Ratio Lower Upper
142 100
127 57.8 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 24.187 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

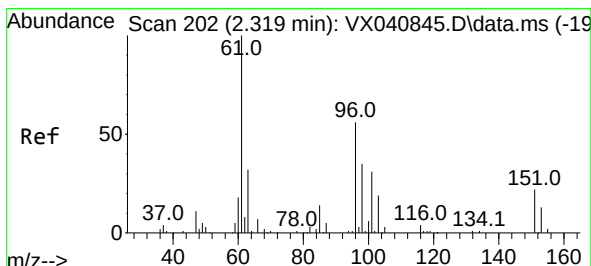
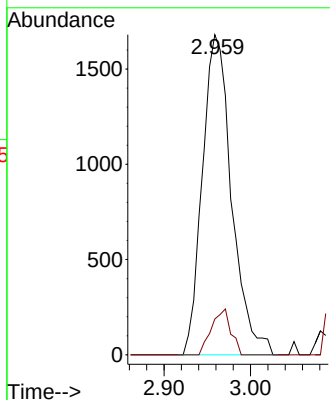
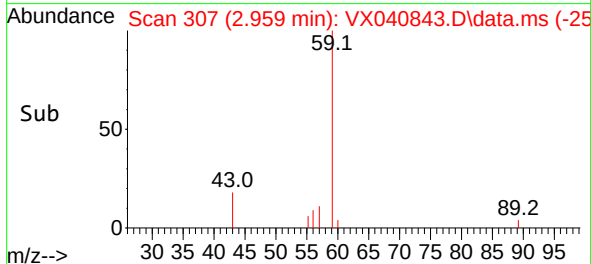
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



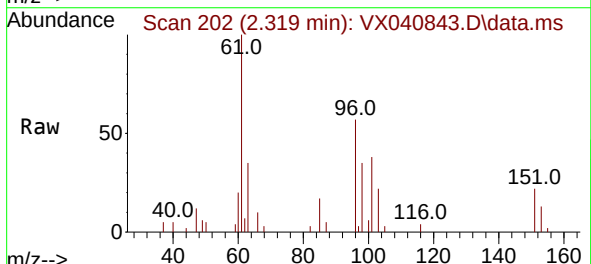
Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 9.4 6.0 9.0

Manual Integrations
APPROVED

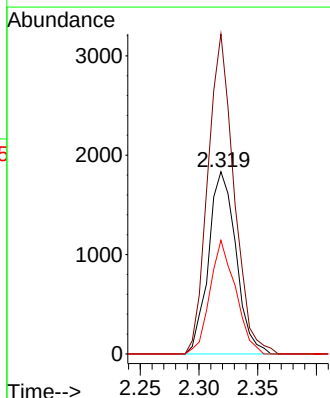
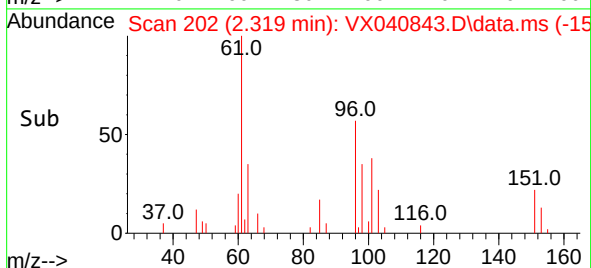
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

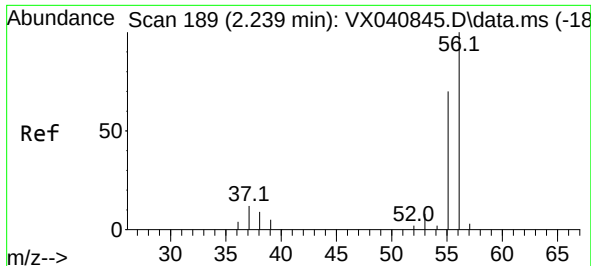


#12
1,1-Dichloroethene
Concen: 5.367 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



Tgt Ion: 96 Resp: 2991
Ion Ratio Lower Upper
96 100
61 175.6 144.6 216.8
98 62.3 50.4 75.6





#13

Acrolein

Concen: 23.350 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 2080

Ion Ratio Lower Upper

56 100

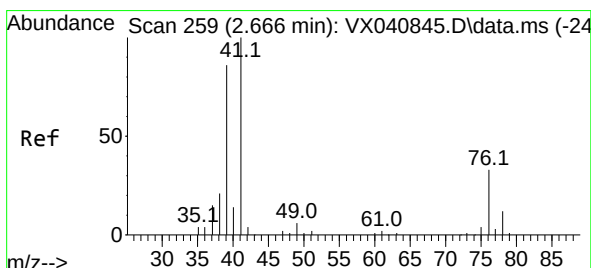
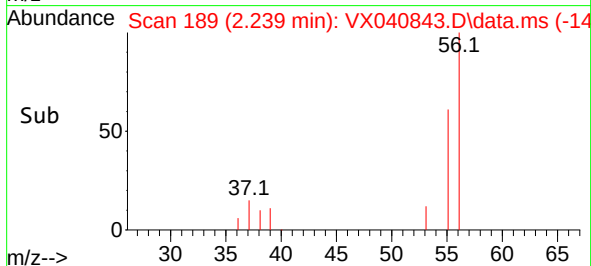
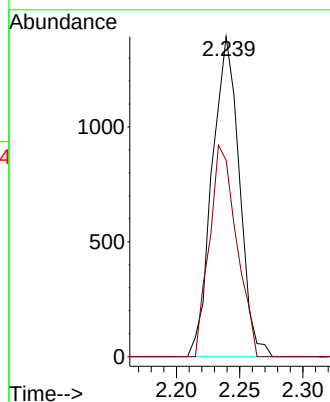
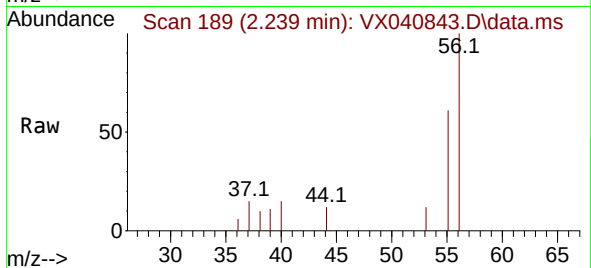
55 66.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#14

Allyl chloride

Concen: 5.077 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

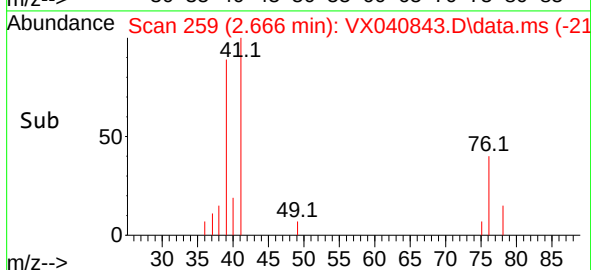
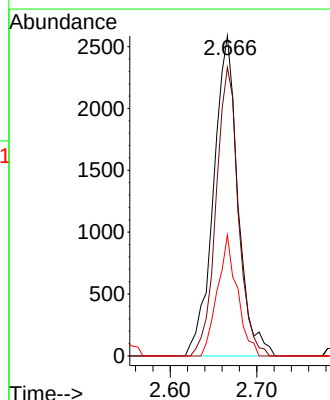
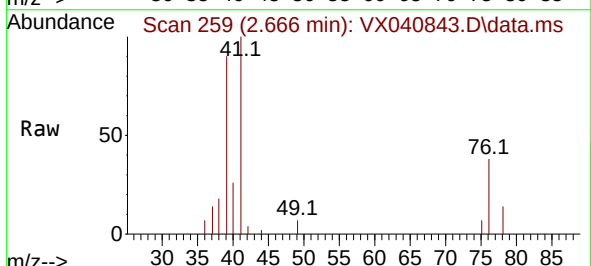
Tgt Ion: 41 Resp: 5069

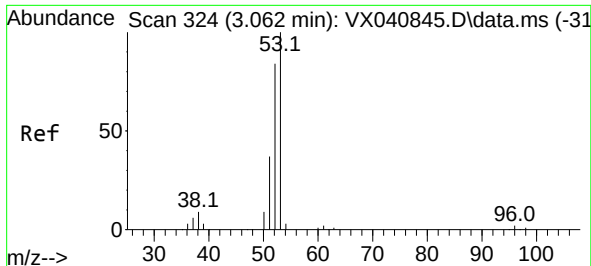
Ion Ratio Lower Upper

41 100

39 82.0 55.8 83.6

76 30.6 24.3 36.5





#15

Acrylonitrile

Concen: 24.732 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040843.D

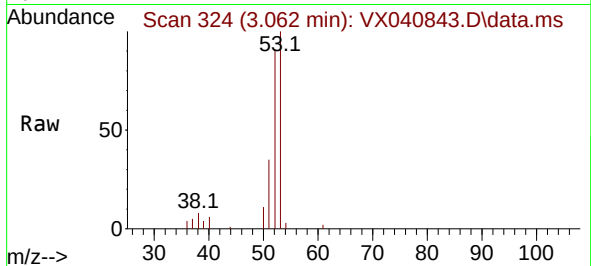
Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



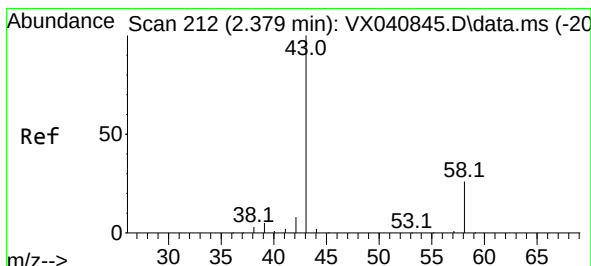
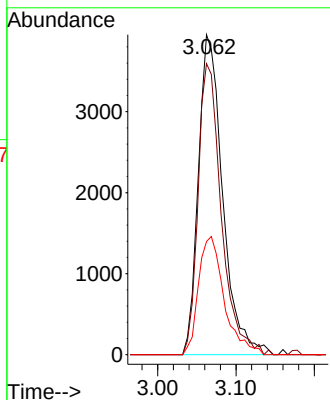
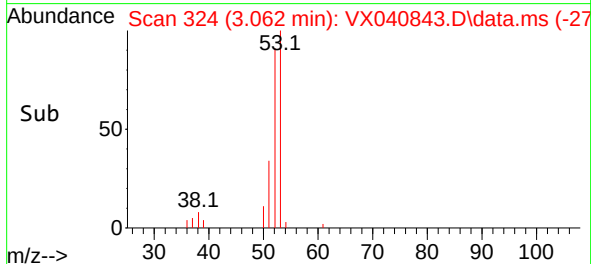
Tgt Ion:	53	Resp:	8514
Ion	Ratio	Lower	Upper
53	100		
52	86.9	66.0	99.0
51	39.0	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#16

Acetone

Concen: 25.012 ug/l

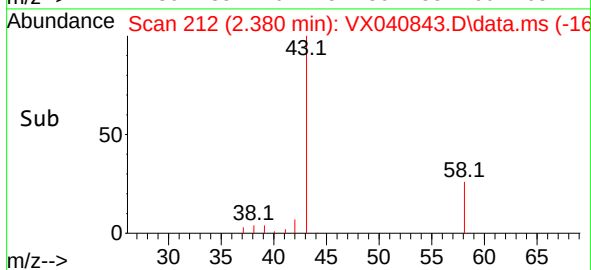
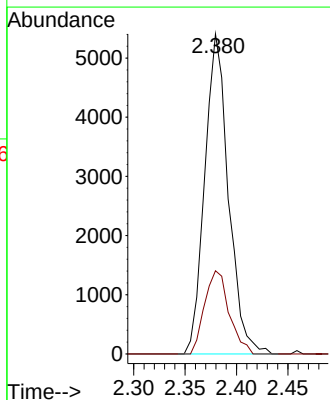
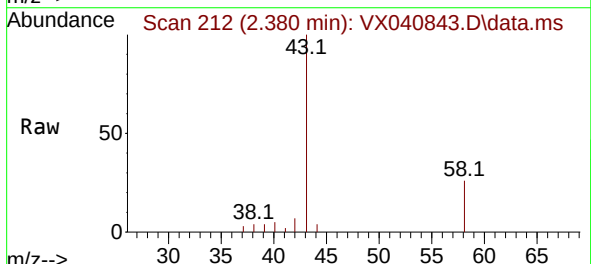
RT: 2.380 min Scan# 212

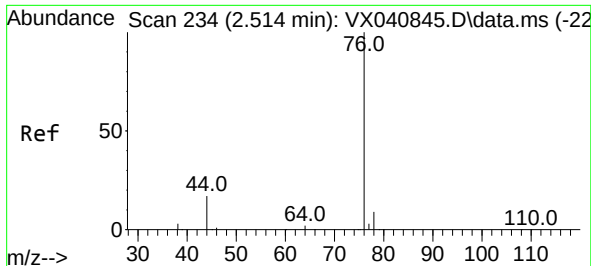
Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Tgt Ion:	43	Resp:	8681
Ion	Ratio	Lower	Upper
43	100		
58	26.0	21.9	32.9





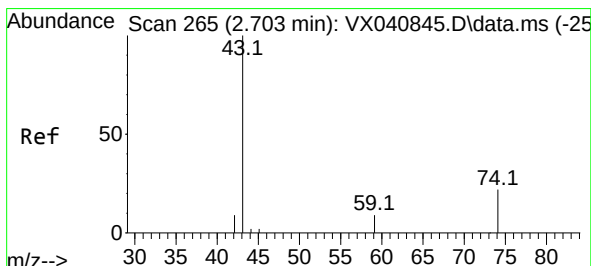
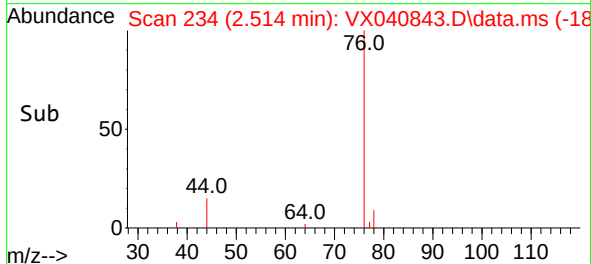
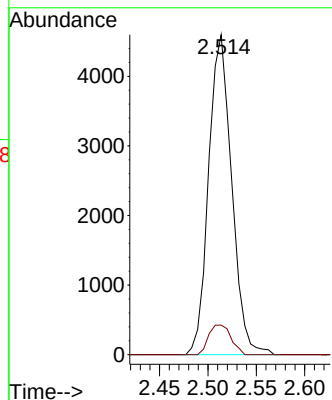
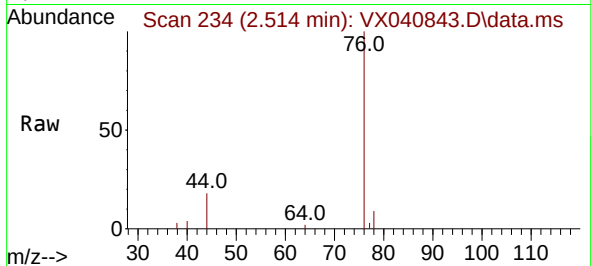
#17
Carbon Disulfide
Concen: 4.730 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 7620
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

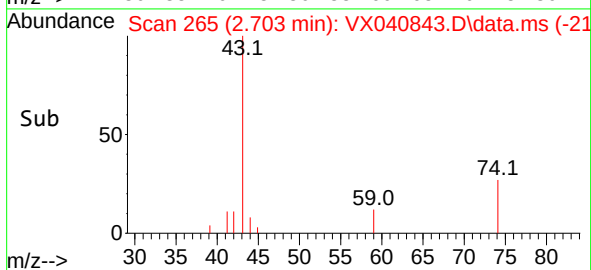
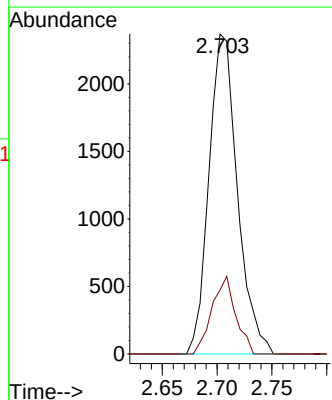
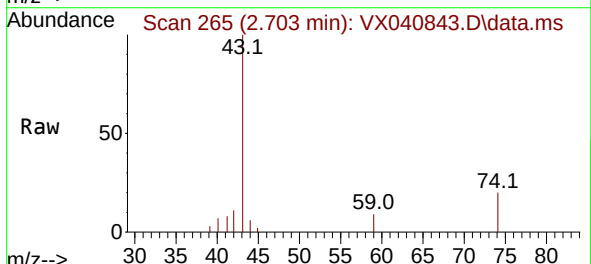
Manual Integrations
APPROVED

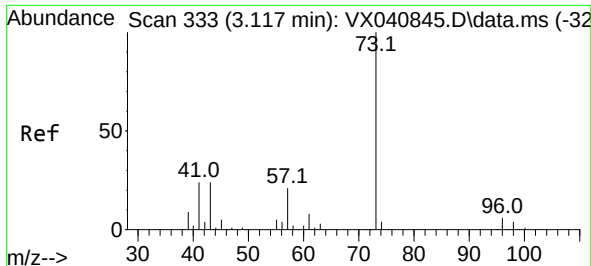
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#18
Methyl Acetate
Concen: 5.198 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

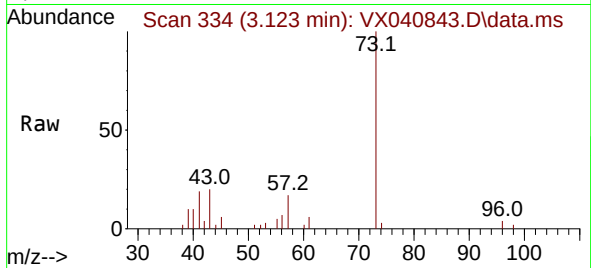
Tgt Ion: 43 Resp: 4280
Ion Ratio Lower Upper
43 100
74 20.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 4.879 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

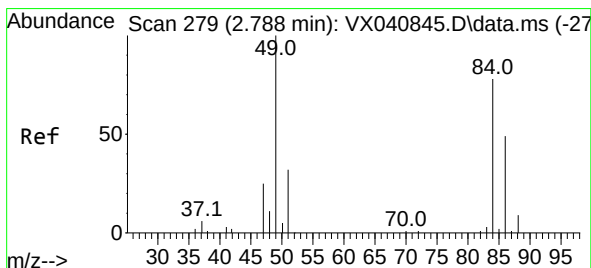
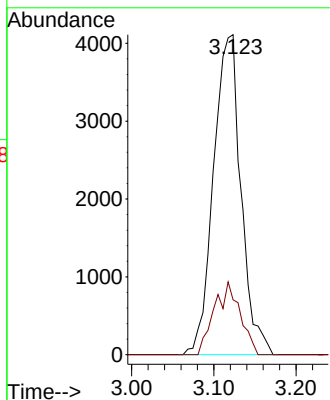
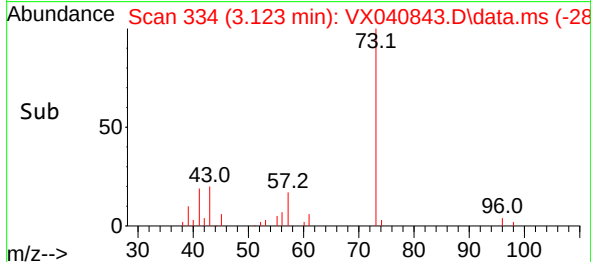
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 957
Ion Ratio Lower Upper
73 100
57 17.2 17.3 25.9

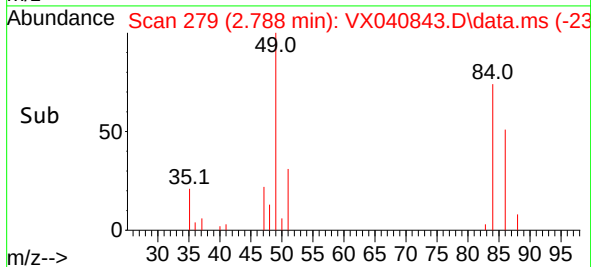
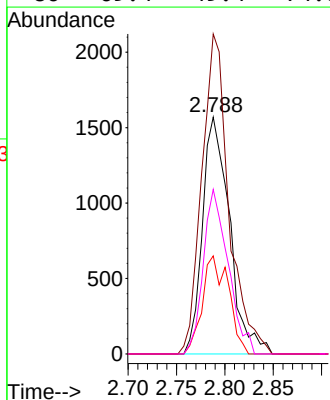
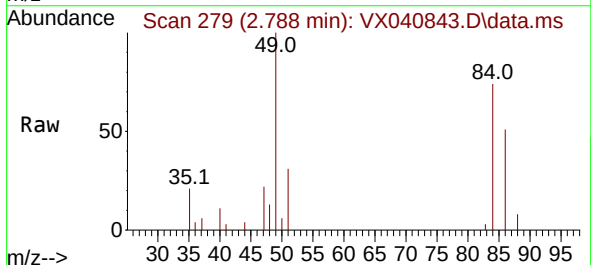
Manual Integrations
APPROVED

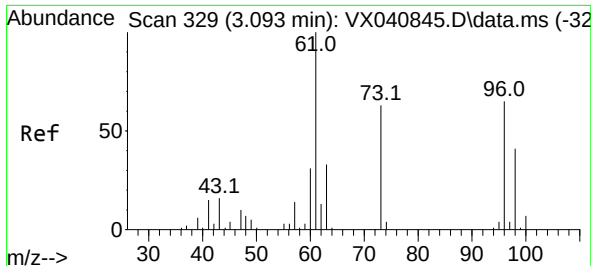
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#20
Methylene Chloride
Concen: 4.748 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

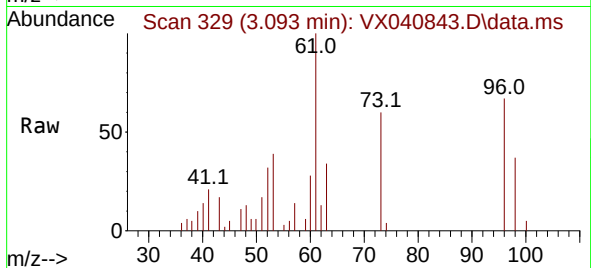
Tgt Ion: 84 Resp: 3054
Ion Ratio Lower Upper
84 100
49 135.1 103.6 155.4
51 41.4 33.8 50.6
86 69.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.779 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

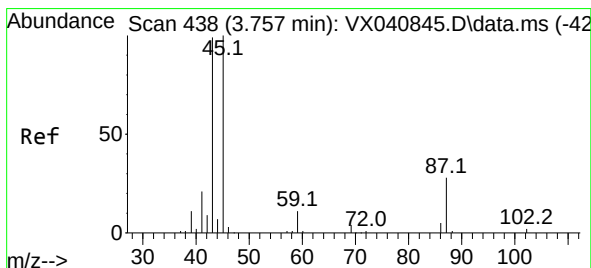
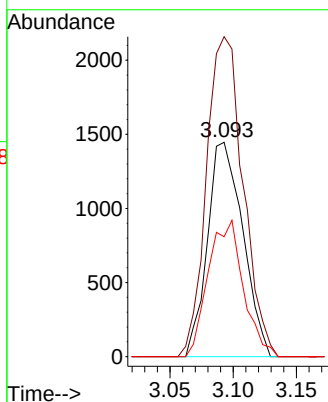
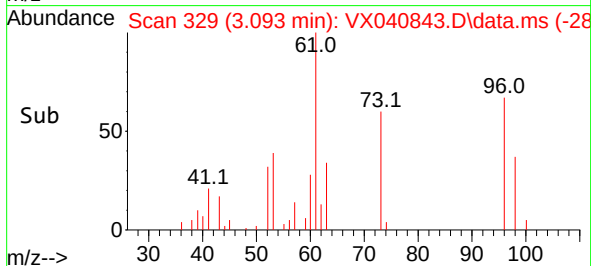
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



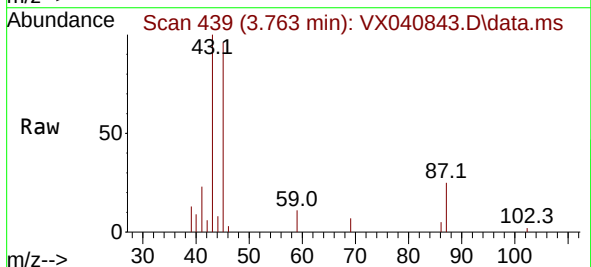
Tgt Ion: 96 Resp: 281
Ion Ratio Lower Upper
96 100
61 149.2 119.2 178.8
98 55.9 48.7 73.1

Manual Integrations
APPROVED

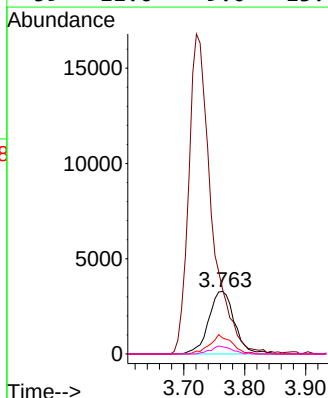
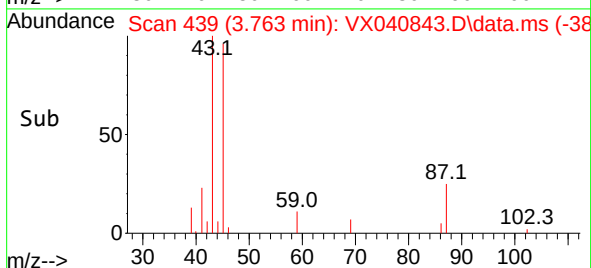
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

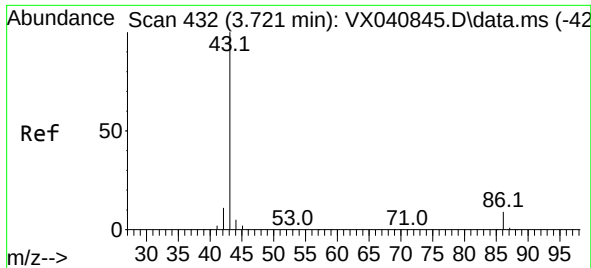


#22
Diisopropyl ether
Concen: 4.955 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



Tgt Ion: 45 Resp: 9627
Ion Ratio Lower Upper
45 100
43 100.2 69.7 104.5
87 25.7 20.8 31.2
59 11.6 9.0 13.4





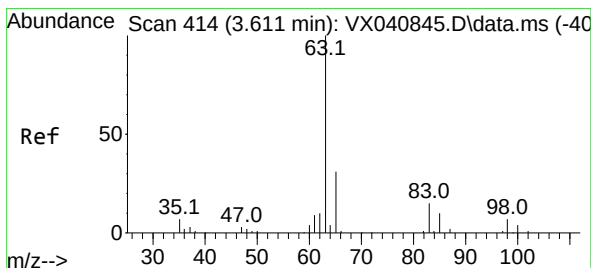
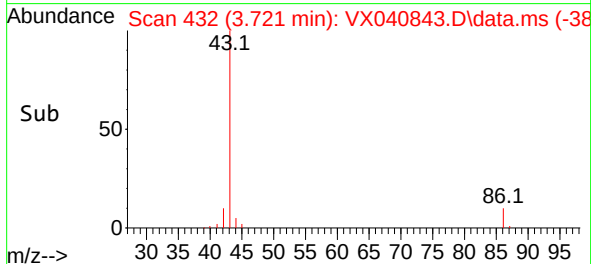
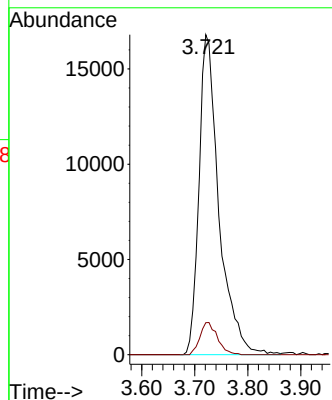
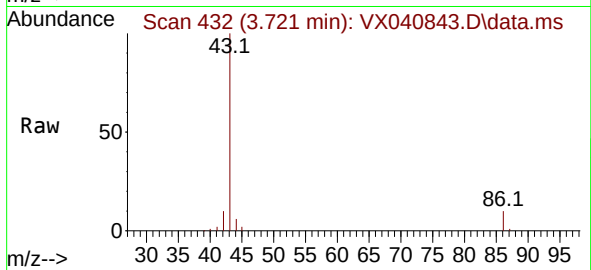
#23
Vinyl Acetate
Concen: 23.598 ug/l
RT: 3.721 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 43944
Ion Ratio Lower Upper
43 100
86 10.0 7.8 11.8

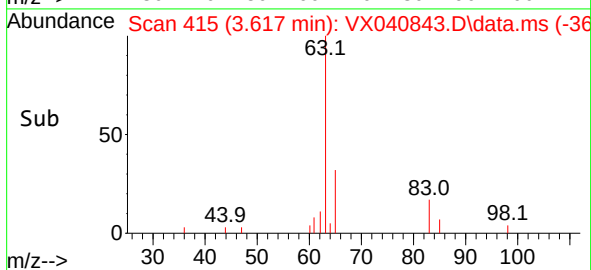
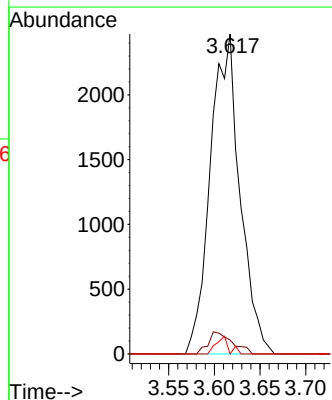
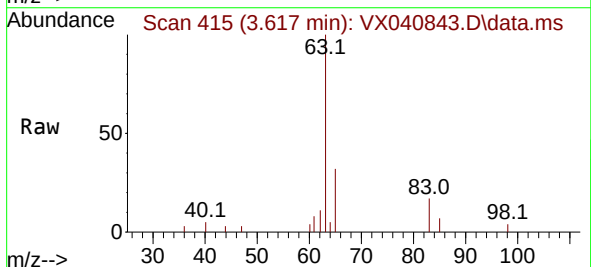
Manual Integrations
APPROVED

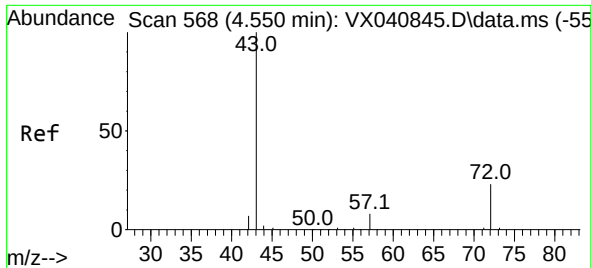
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#24
1,1-Dichloroethane
Concen: 5.000 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

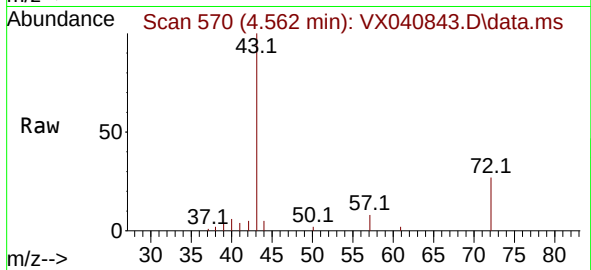
Tgt Ion: 63 Resp: 5550
Ion Ratio Lower Upper
63 100
98 4.4 3.3 9.8
100 0.0 2.1 6.5#





#25
2-Butanone
Concen: 24.259 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

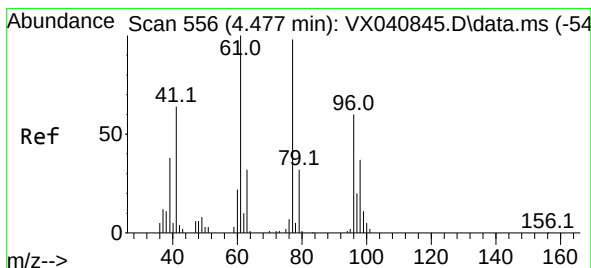
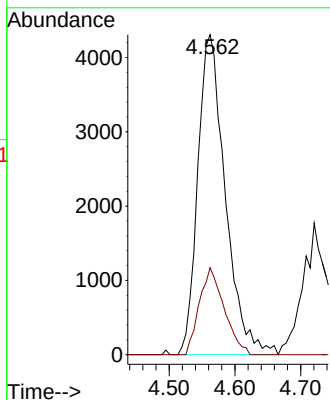
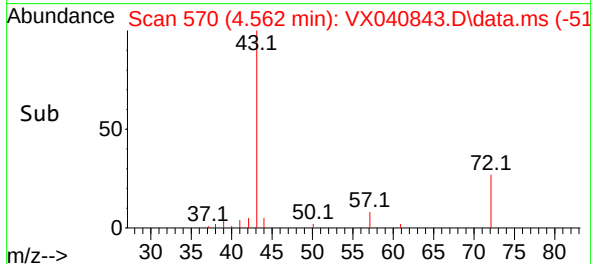
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
72 27.2 19.4 29.2

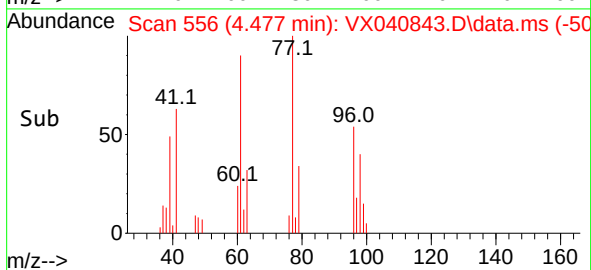
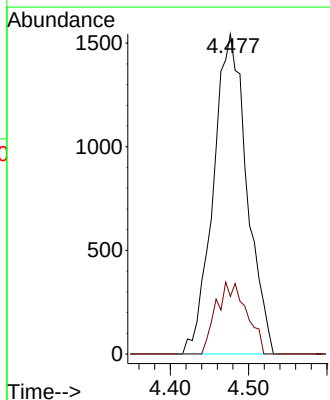
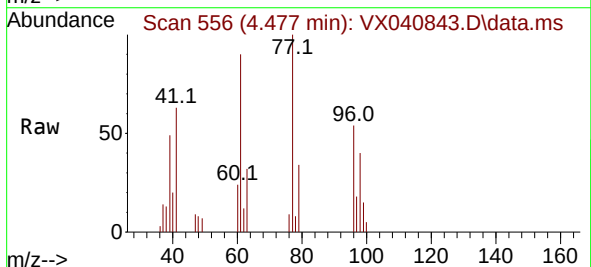
Manual Integrations
APPROVED

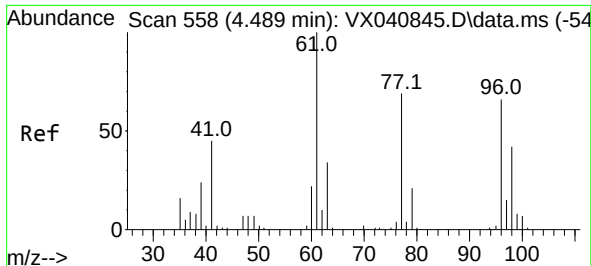
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#26
2,2-Dichloropropane
Concen: 4.844 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

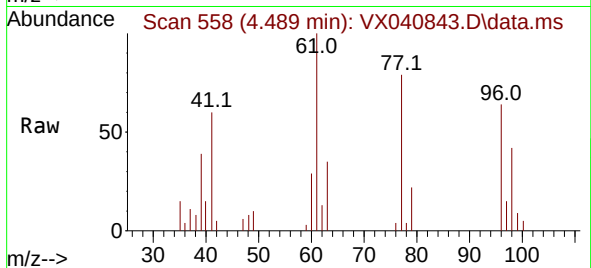
Tgt Ion: 77 Resp: 4616
Ion Ratio Lower Upper
77 100
97 20.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 4.809 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

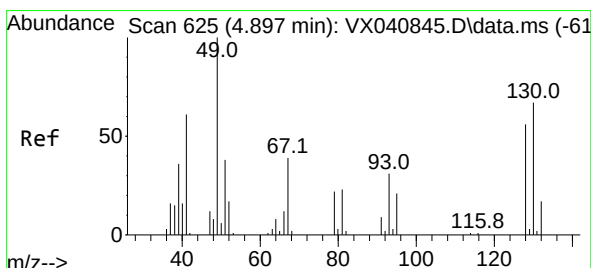
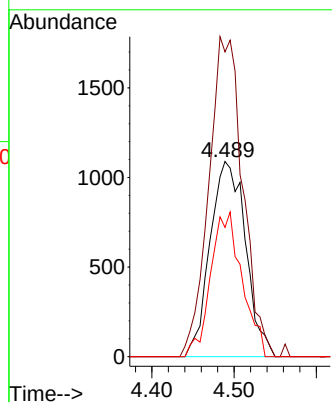
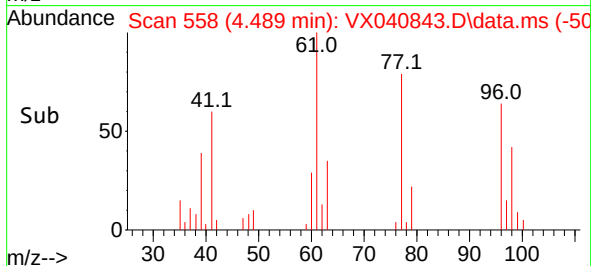
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



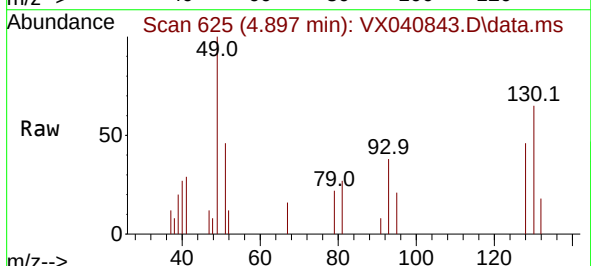
Tgt Ion: 96 Resp: 3269
Ion Ratio Lower Upper
96 100
61 157.1 0.0 312.2
98 65.5 0.0 129.0

Manual Integrations
APPROVED

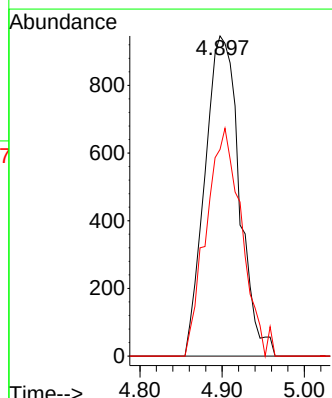
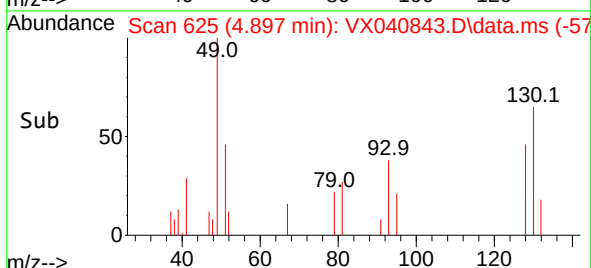
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

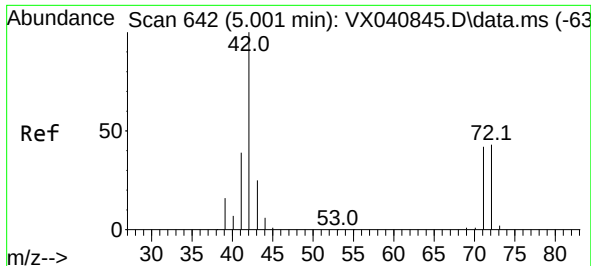


#28
Bromochloromethane
Concen: 5.522 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



Tgt Ion: 49 Resp: 2756
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 73.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 24.539 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

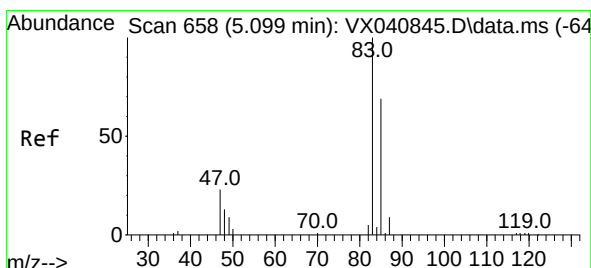
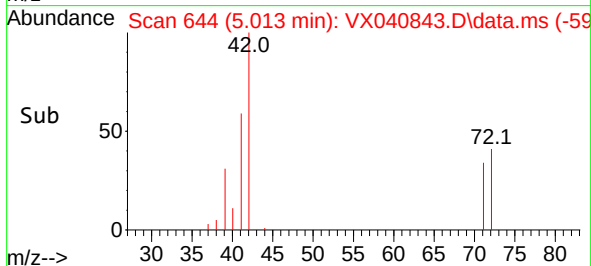
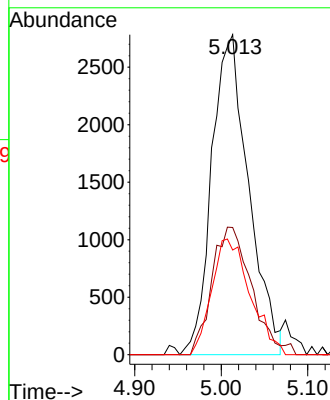
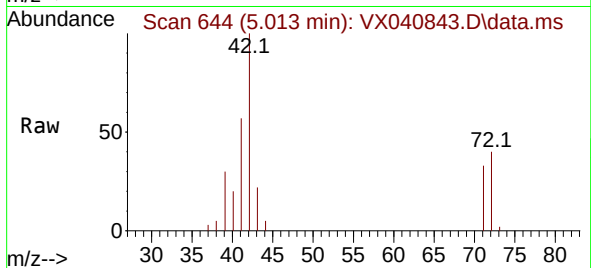
Tgt Ion: 42	Resp: 822
Ion Ratio	Lower Upper
42 100	
72 42.9	34.2 51.4
71 37.9	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#30

Chloroform

Concen: 4.903 ug/l

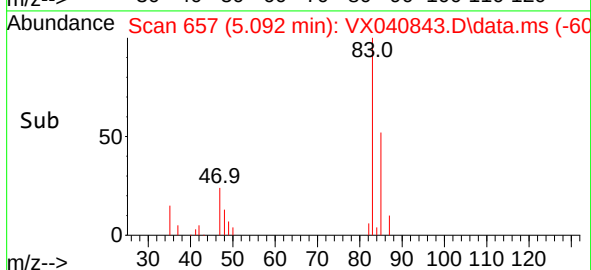
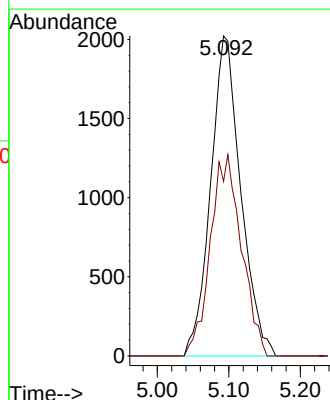
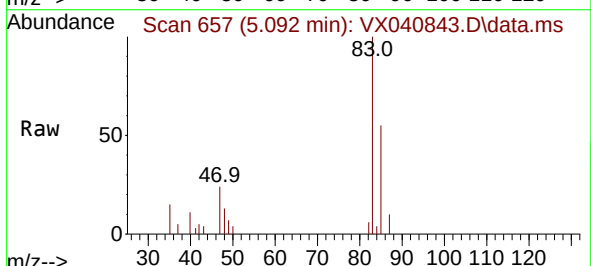
RT: 5.092 min Scan# 657

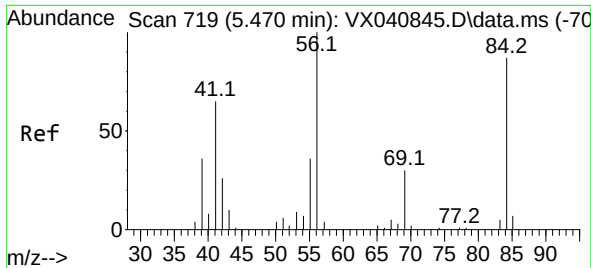
Delta R.T. -0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

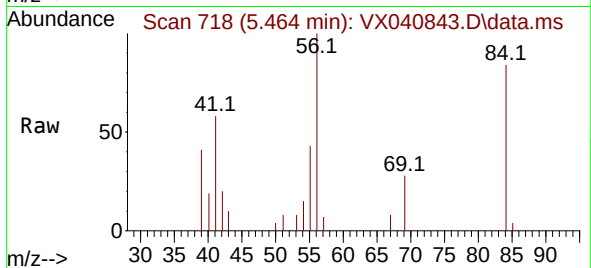
Tgt Ion: 83	Resp: 5924
Ion Ratio	Lower Upper
83 100	
85 54.5	50.3 75.5





#31
Cyclohexane
Concen: 4.951 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

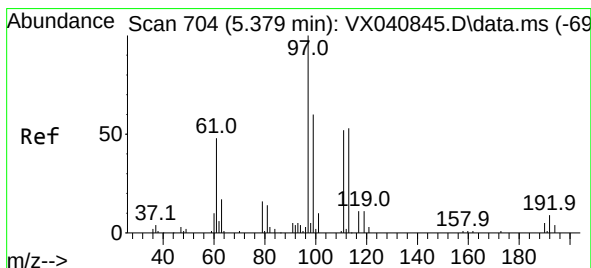
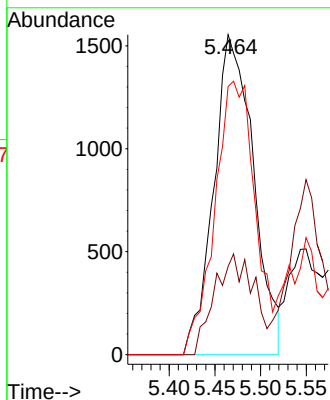
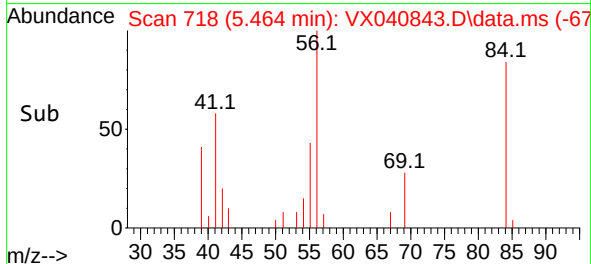
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 4690
Ion Ratio Lower Upper
56 100
69 27.5 23.4 35.2
84 83.8 65.9 98.9

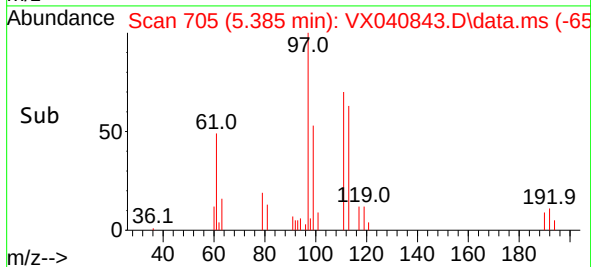
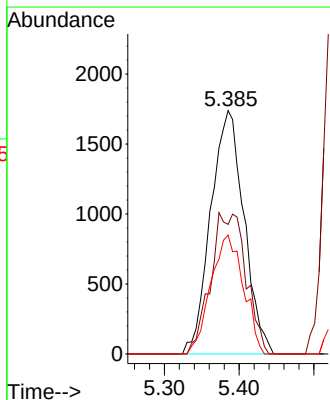
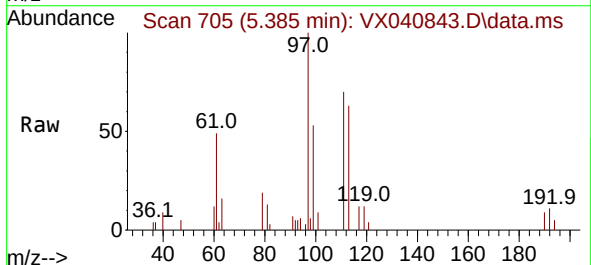
Manual Integrations
APPROVED

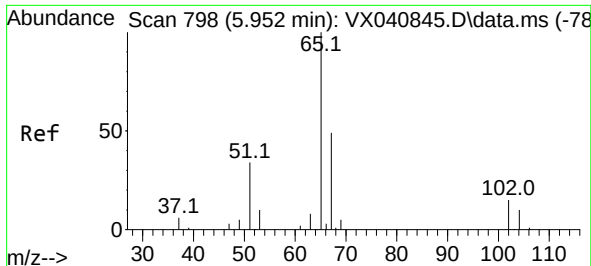
Reviewed By :John Carbone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#32
1,1,1-Trichloroethane
Concen: 5.020 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion: 97 Resp: 5390
Ion Ratio Lower Upper
97 100
99 32.9 51.1 76.7#
61 47.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.564 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 497

Ion Ratio Lower Upper

65 100

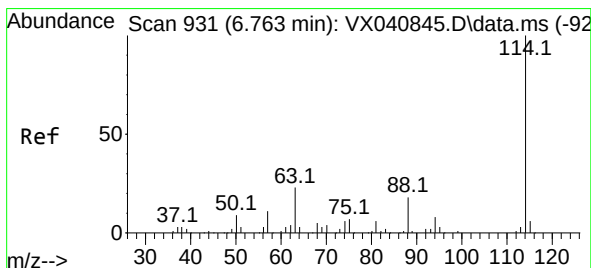
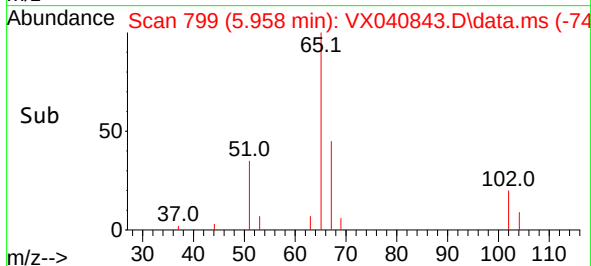
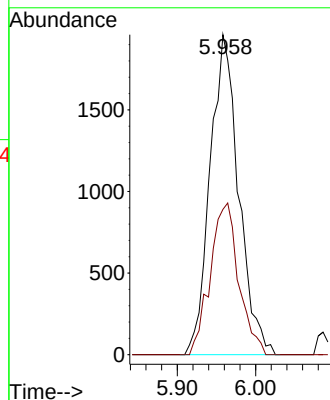
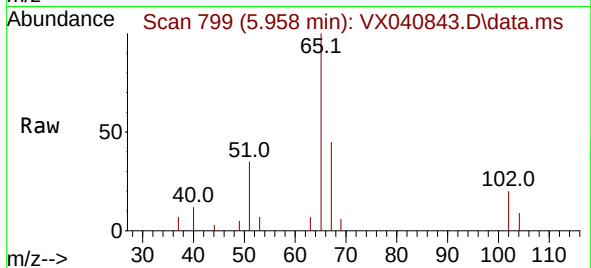
67 47.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

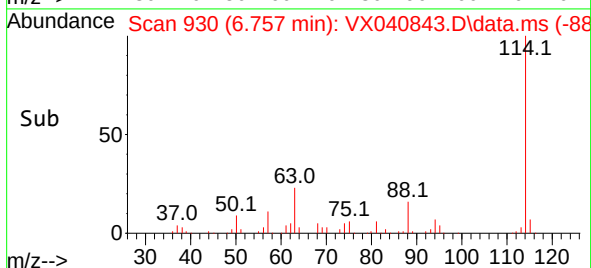
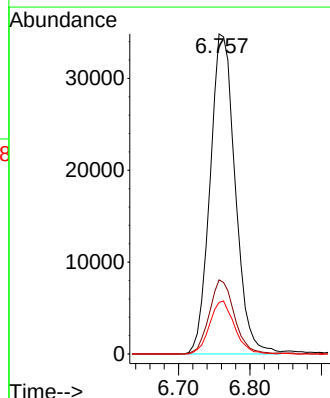
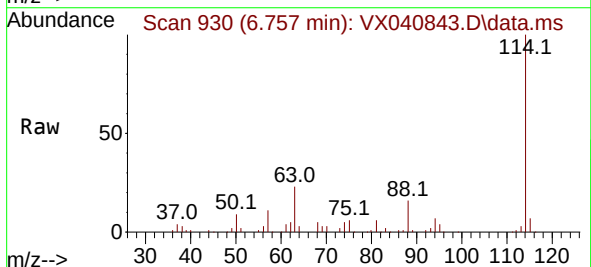
Tgt Ion:114 Resp: 85047

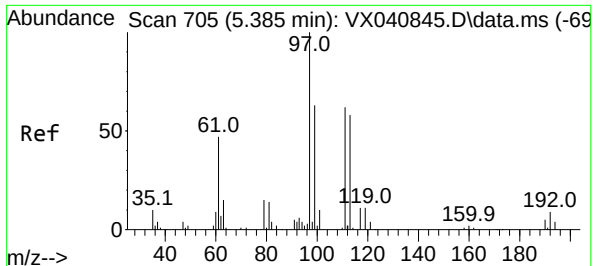
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.010 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040843.D

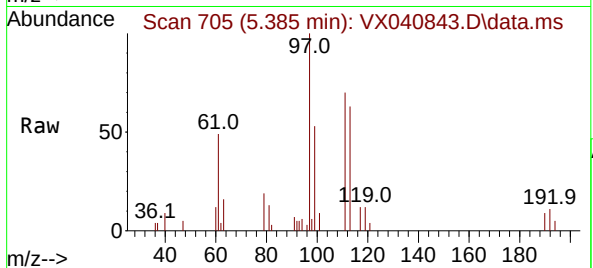
Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



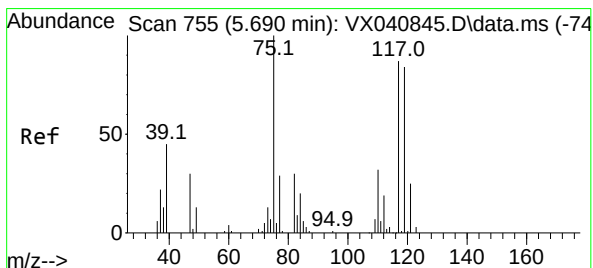
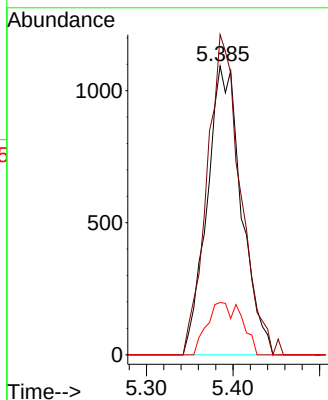
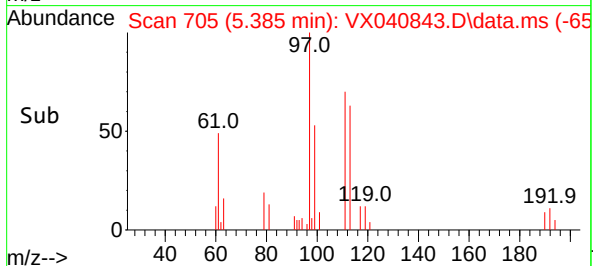
Tgt Ion:	113	Resp:	3018
Ion	Ratio	Lower	Upper
113	100		
111	107.9	82.9	124.3
192	18.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#36

1,1-Dichloropropene

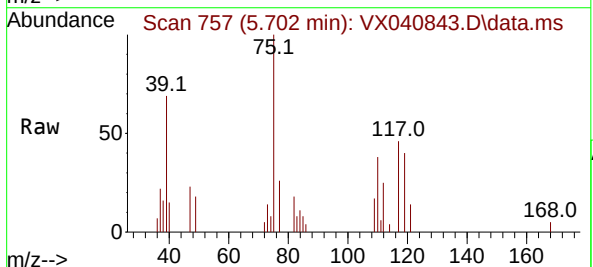
Concen: 4.935 ug/l

RT: 5.702 min Scan# 757

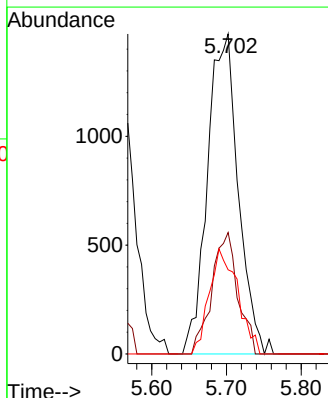
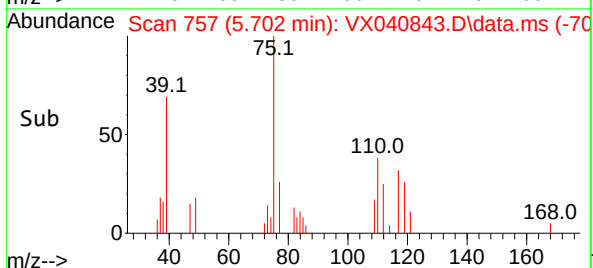
Delta R.T. 0.012 min

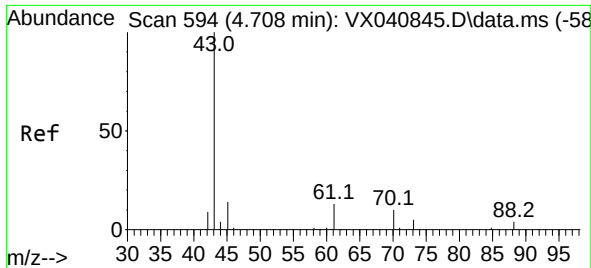
Lab File: VX040843.D

Acq: 01 Apr 2024 13:37



Tgt Ion:	75	Resp:	4224
Ion	Ratio	Lower	Upper
75	100		
110	32.1	17.0	50.9
77	30.3	24.7	37.1





#37

Ethyl Acetate

Concen: 4.791 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX040843.D

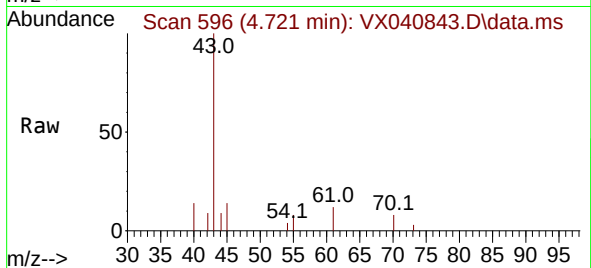
Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



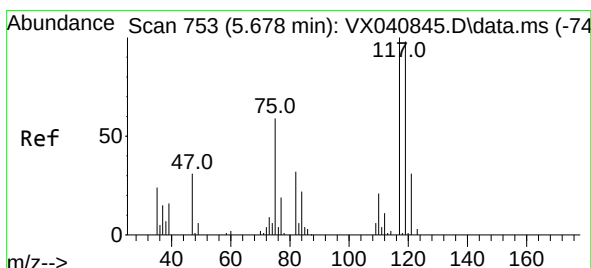
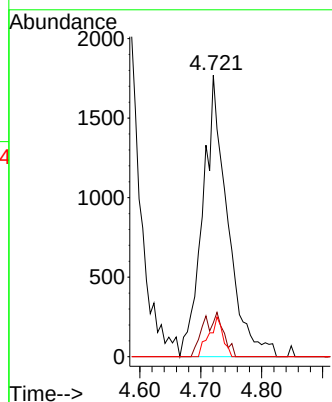
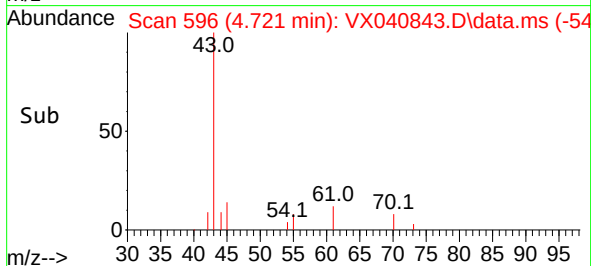
Tgt Ion: 43	Resp: 5030
Ion Ratio	Lower Upper
43	100
61	5.6 10.6 16.0
70	7.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#38

Carbon Tetrachloride

Concen: 4.754 ug/l

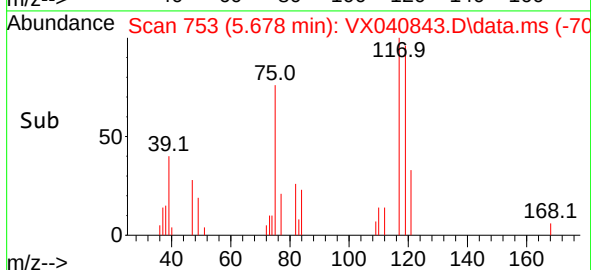
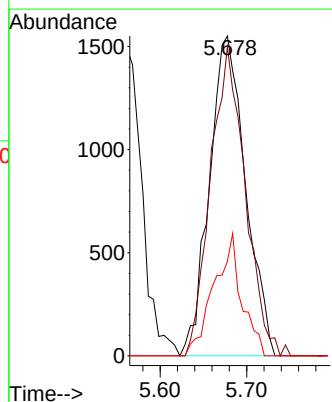
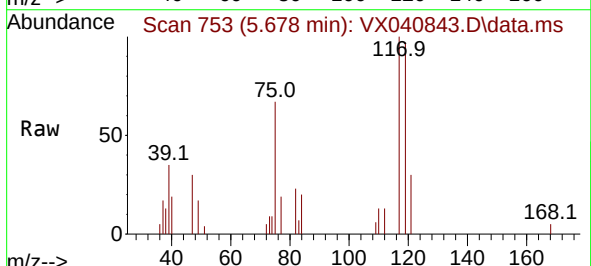
RT: 5.678 min Scan# 753

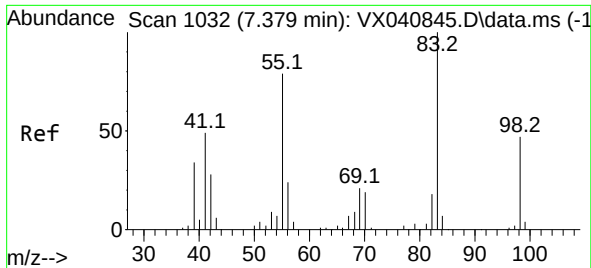
Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Tgt Ion:117	Resp: 4505
Ion Ratio	Lower Upper
117	100
119	96.6 78.2 117.2
121	29.5 24.4 36.6





#39
Methylcyclohexane
Concen: 4.700 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

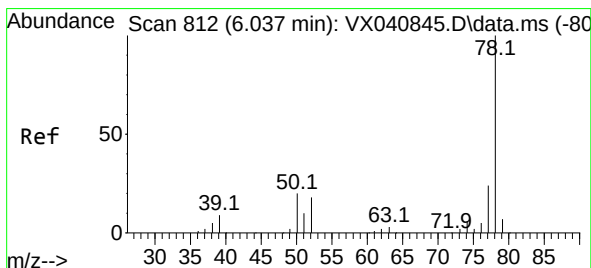
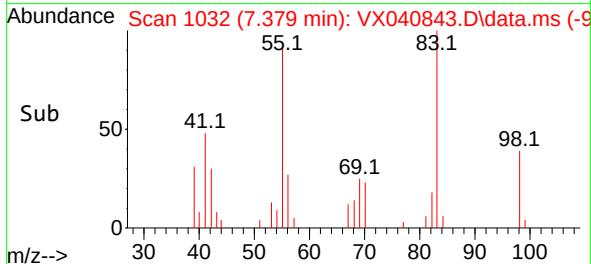
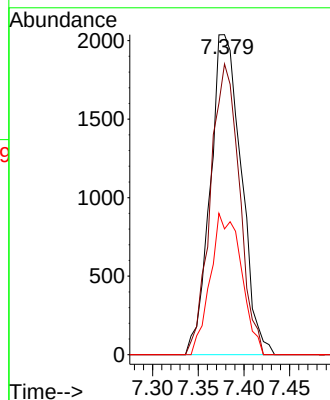
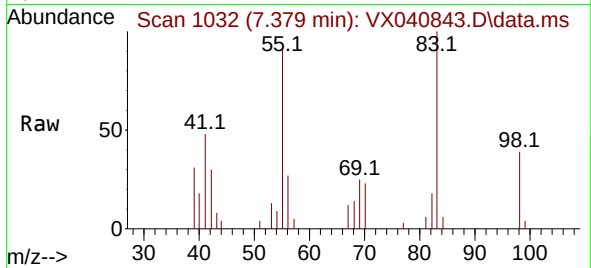
Tgt Ion: 83 Resp: 480
Ion Ratio Lower Upper
83 100
55 90.9 64.6 97.0
98 39.3 36.7 55.1

Manual Integrations

APPROVED

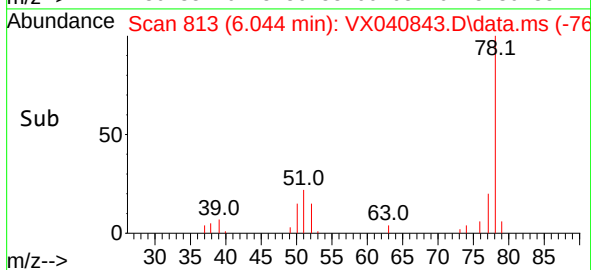
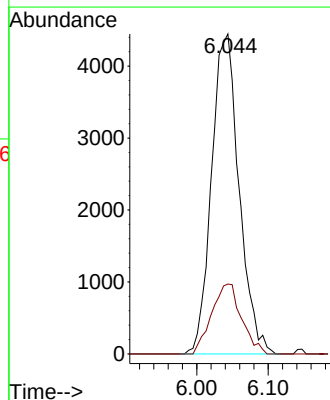
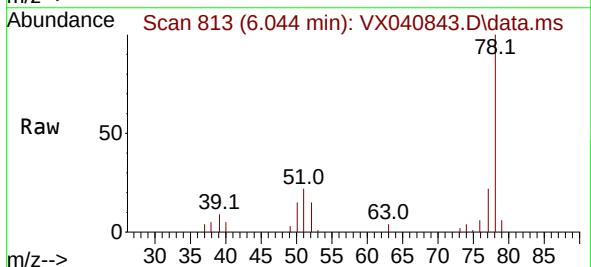
Reviewed By :John Carlone 04/02/2024

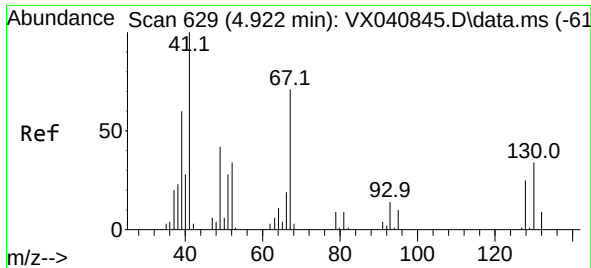
Supervised By :Mahesh Dadoda 04/02/2024



#40
Benzene
Concen: 5.006 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

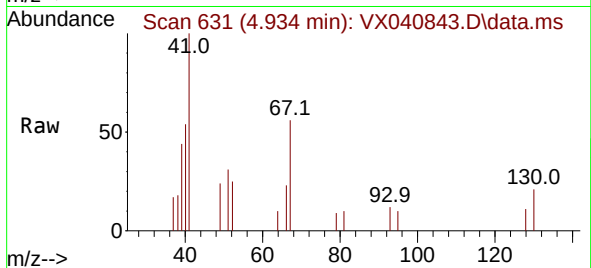
Tgt Ion: 78 Resp: 11892
Ion Ratio Lower Upper
78 100
77 21.8 19.3 28.9





#41
Methacrylonitrile
Concen: 5.047 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

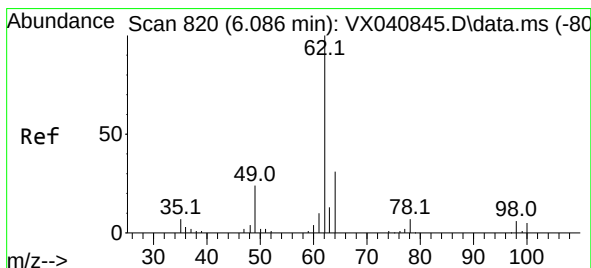
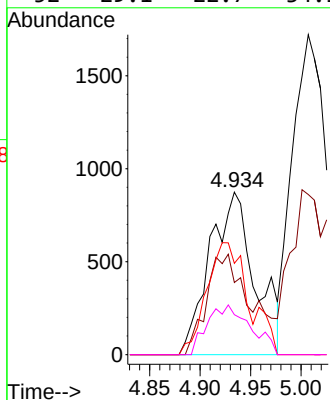
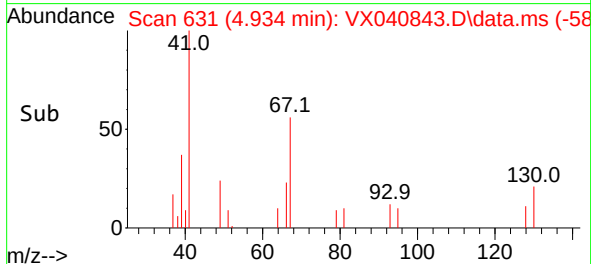
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	2724
Ion Ratio	100	Lower	Upper
39	59.1	45.2	67.8
67	55.8	52.6	78.8
52	29.1	22.7	34.1

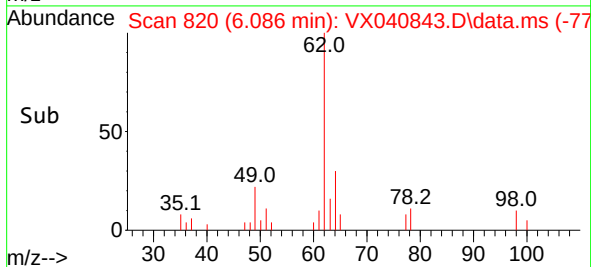
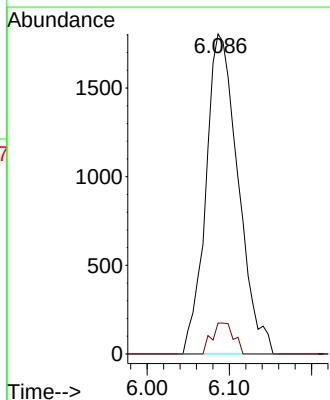
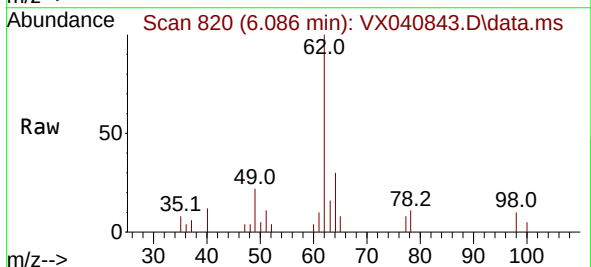
Manual Integrations
APPROVED

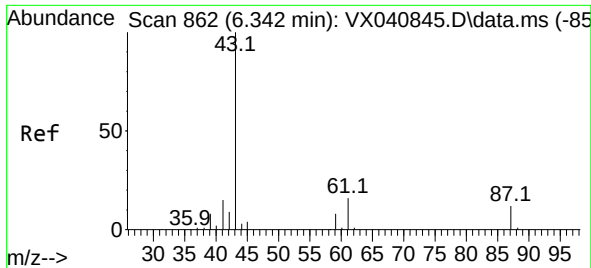
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#42
1,2-Dichloroethane
Concen: 4.777 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion:	62	Resp:	4929
Ion Ratio	100	Lower	Upper
98	6.5	0.0	16.0





#43

Isopropyl Acetate

Concen: 4.887 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

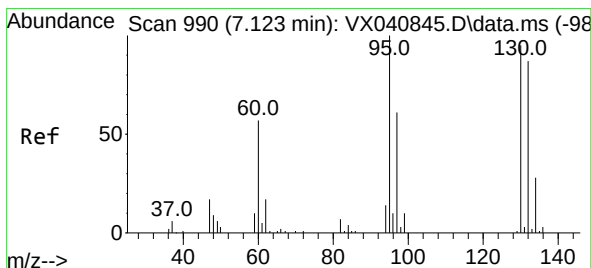
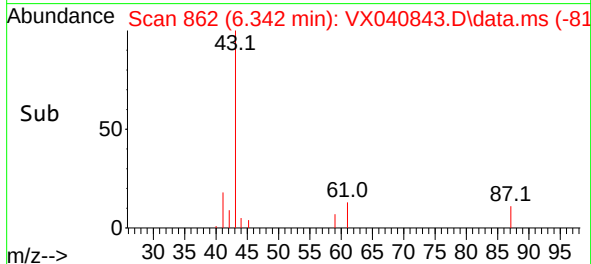
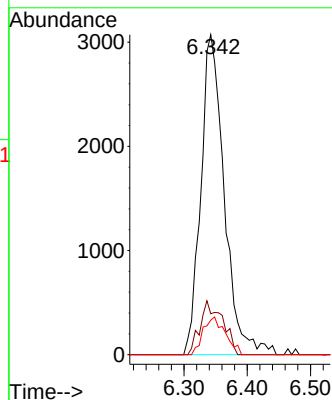
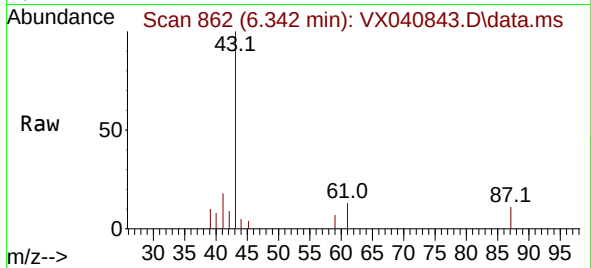
Tgt Ion: 43	Resp: 793
Ion Ratio	Lower Upper
43 100	
61 16.1	15.2 22.8
87 11.1	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#44

Trichloroethene

Concen: 5.051 ug/l

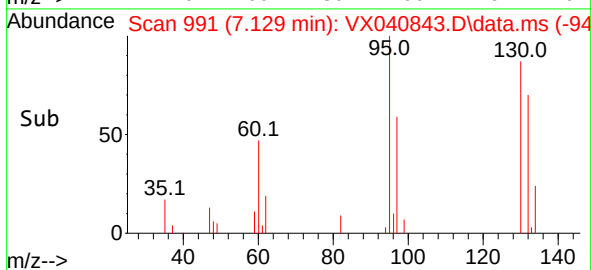
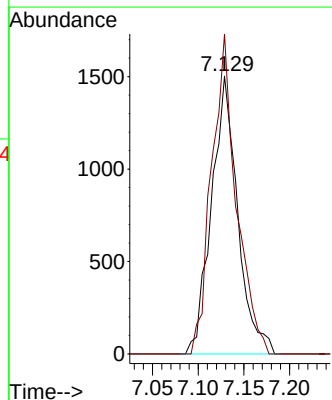
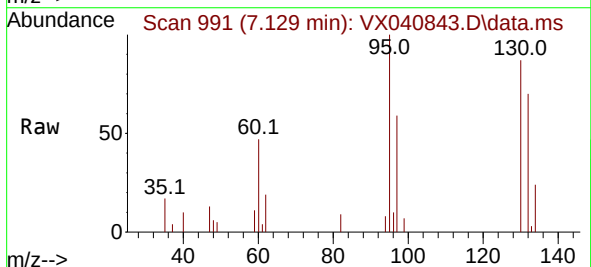
RT: 7.129 min Scan# 991

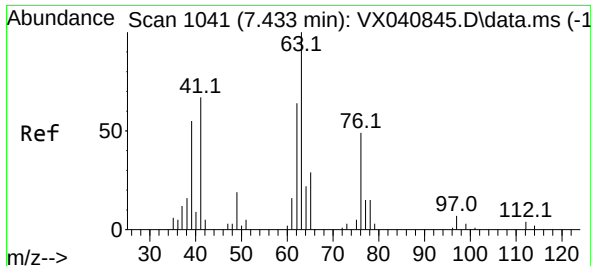
Delta R.T. 0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Tgt Ion:130	Resp: 2997
Ion Ratio	Lower Upper
130 100	
95 115.1	0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.047 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 286

Ion Ratio Lower Upper

63 100

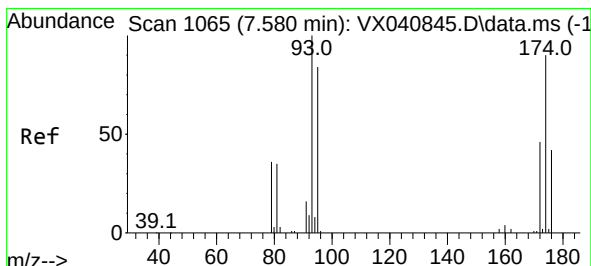
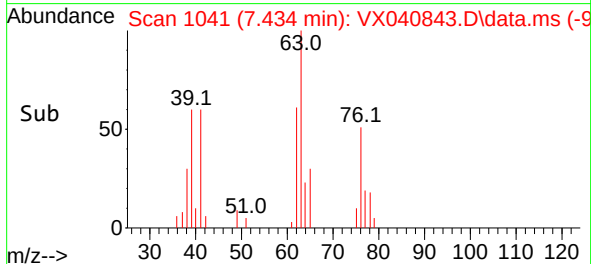
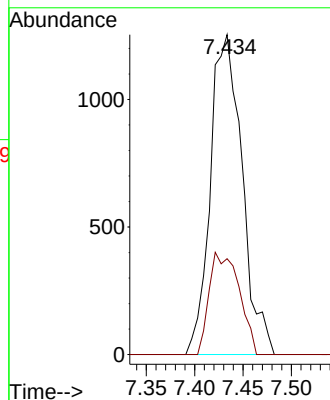
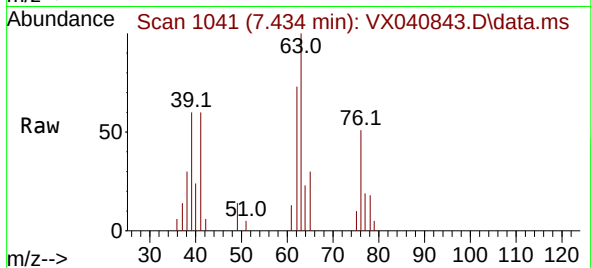
65 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#46

Dibromomethane

Concen: 4.765 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

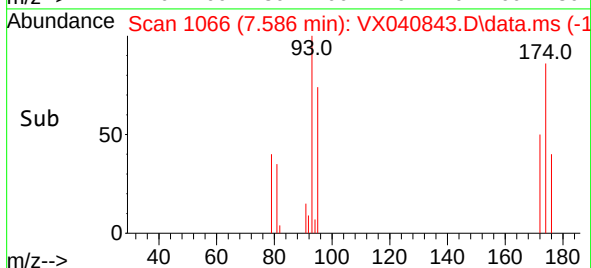
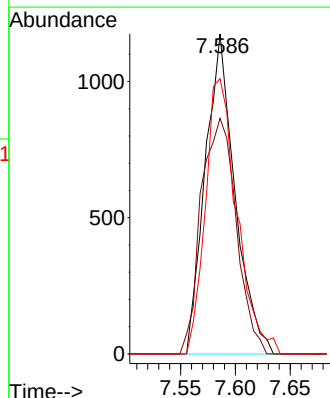
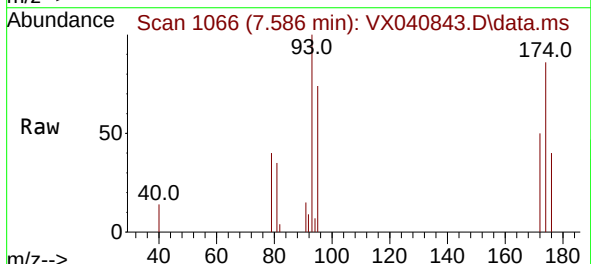
Tgt Ion: 93 Resp: 2215

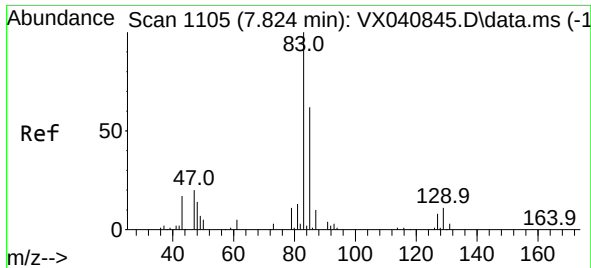
Ion Ratio Lower Upper

93 100

95 86.9 66.6 100.0

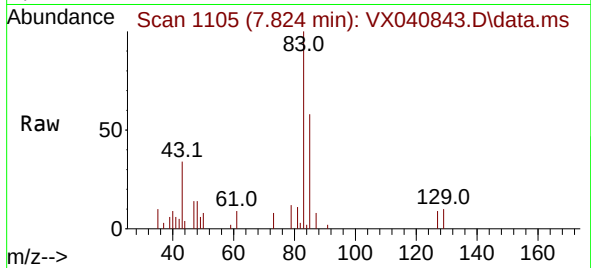
174 91.1 69.4 104.0





#47
Bromodichloromethane
Concen: 4.767 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

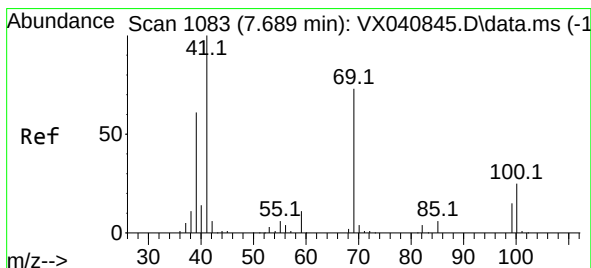
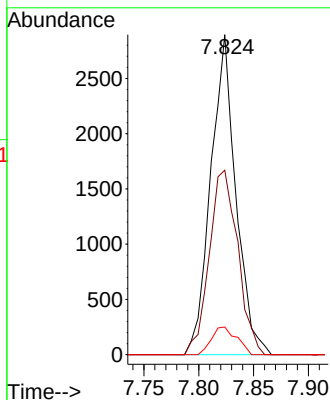
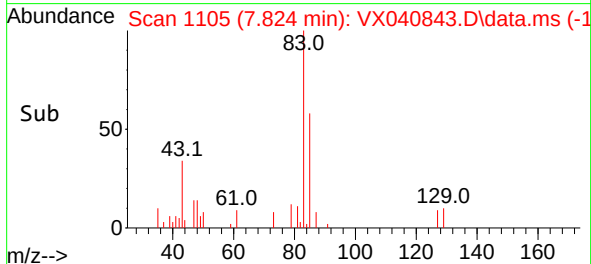
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



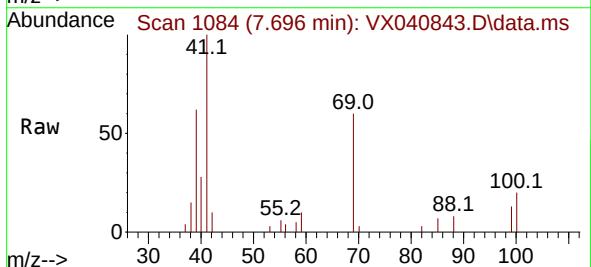
Tgt Ion: 83 Resp: 4610
Ion Ratio Lower Upper
83 100
85 57.6 49.8 74.6
127 8.6 7.1 10.7

Manual Integrations
APPROVED

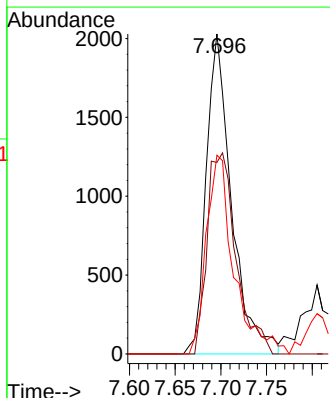
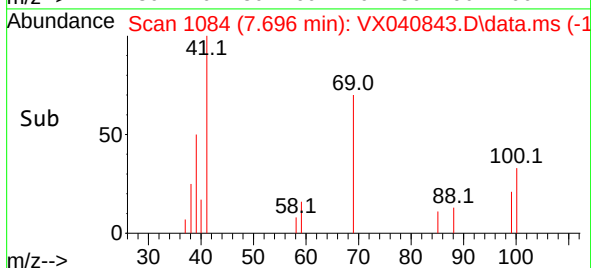
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

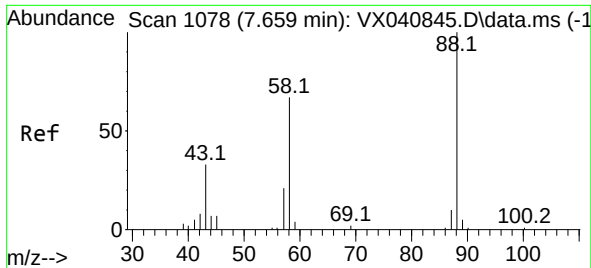


#48
Methyl methacrylate
Concen: 4.898 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



Tgt Ion: 41 Resp: 3893
Ion Ratio Lower Upper
41 100
69 72.0 59.2 88.8
39 67.5 47.7 71.5





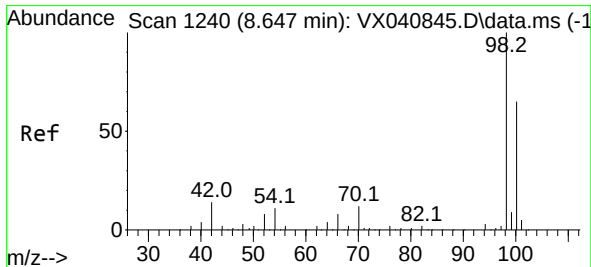
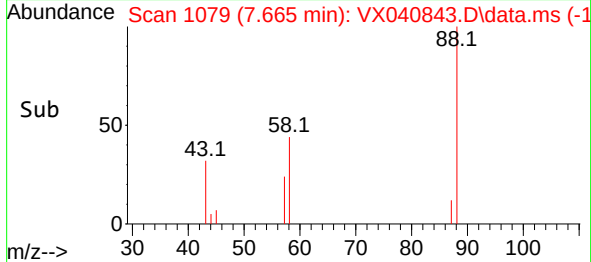
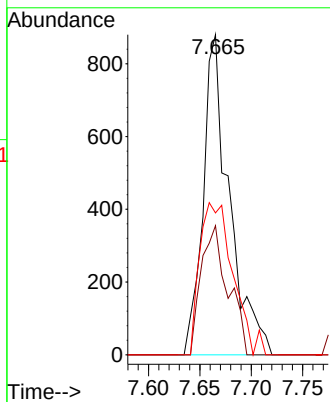
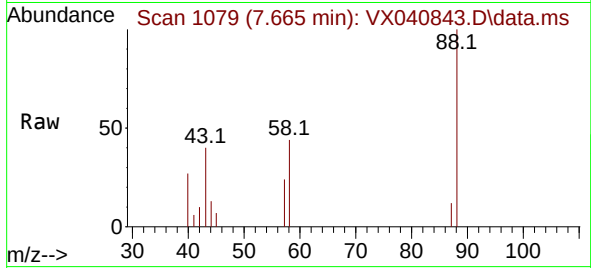
#49
1,4-Dioxane
Concen: 102.323 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1552
Ion Ratio Lower Upper
88 100
43 41.6 0.0 0.0
58 60.8 60.1 90.1

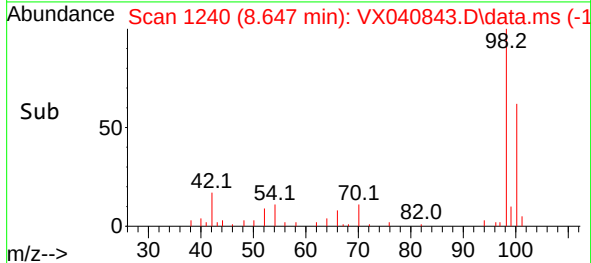
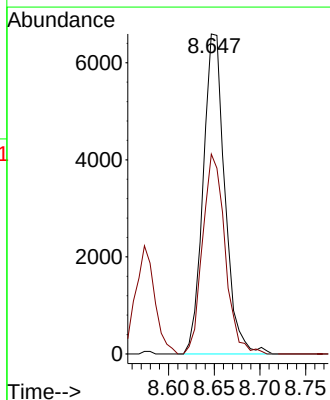
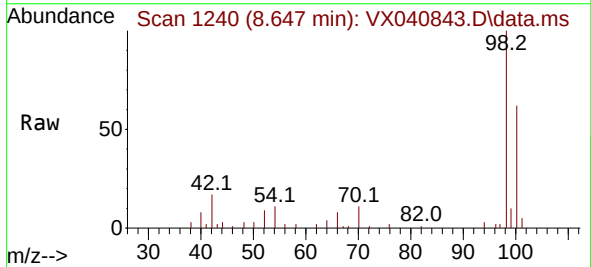
Manual Integrations
APPROVED

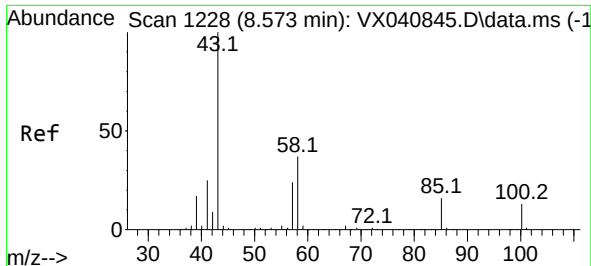
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#50
Toluene-d8
Concen: 5.001 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion: 98 Resp: 10885
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 23.930 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

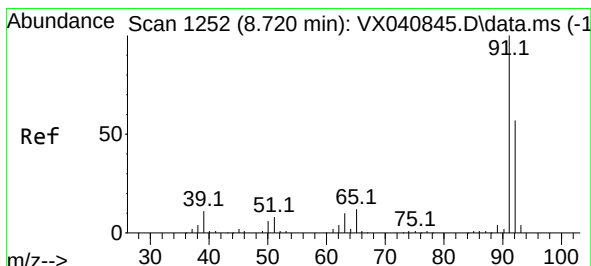
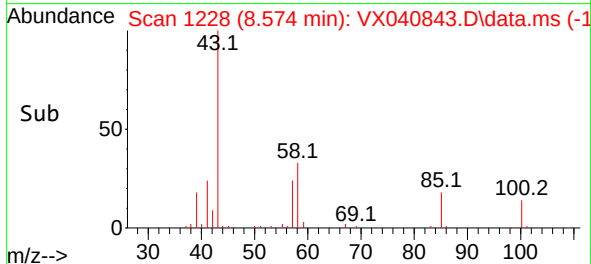
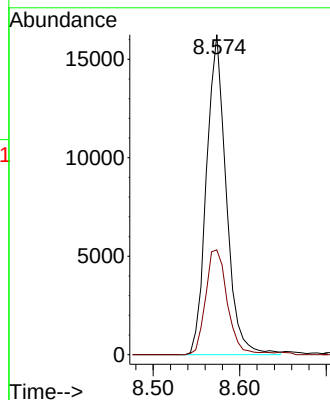
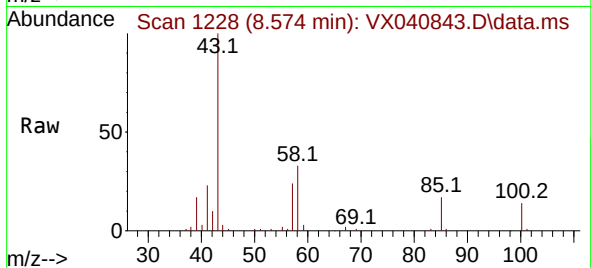
VSTDICC005

Tgt Ion: 43 Resp: 25764
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

Manual Integrations

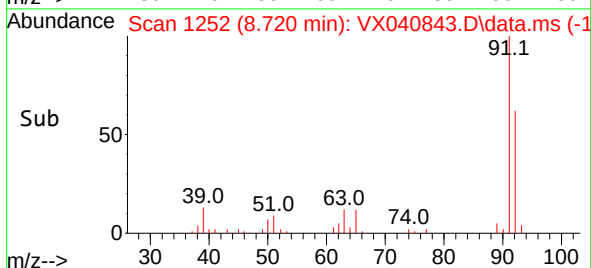
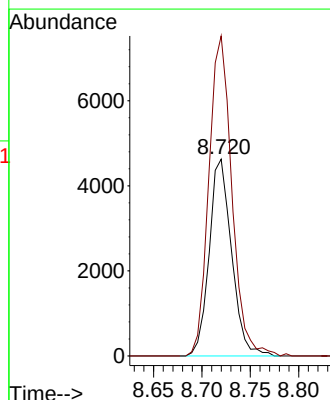
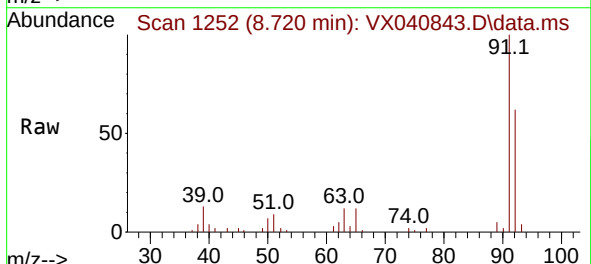
APPROVED

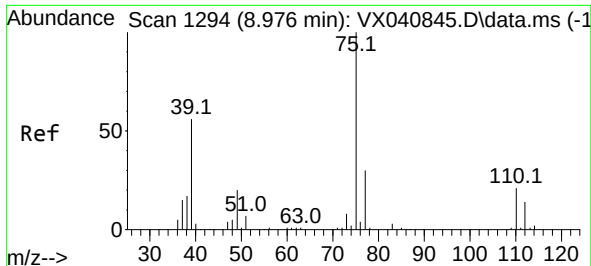
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#52
Toluene
Concen: 4.972 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion: 92 Resp: 7453
Ion Ratio Lower Upper
92 100
91 167.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.814 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 4036

Ion Ratio Lower Upper

75 100

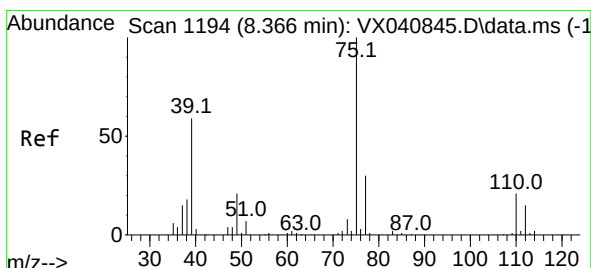
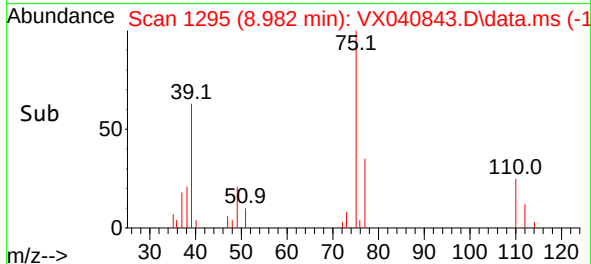
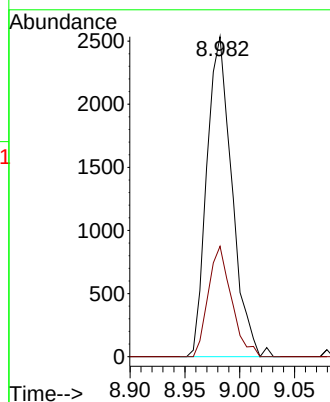
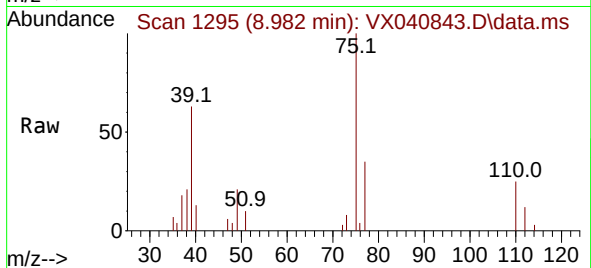
77 34.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#54

cis-1,3-Dichloropropene

Concen: 4.705 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

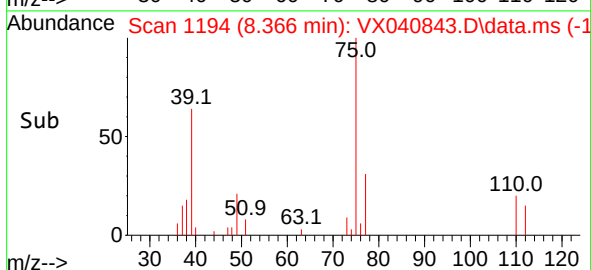
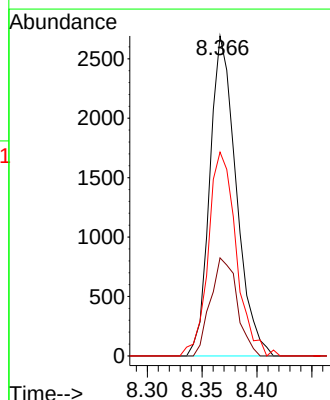
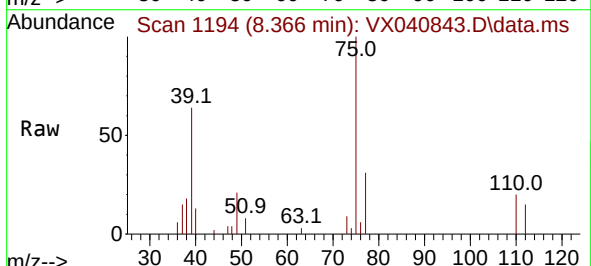
Tgt Ion: 75 Resp: 4512

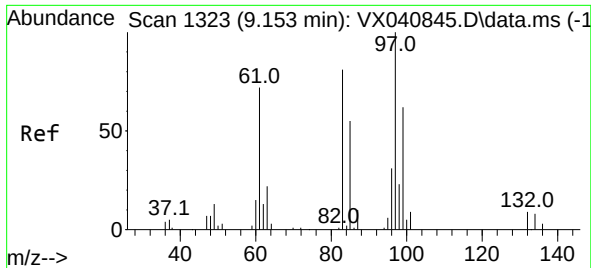
Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 63.7 46.7 70.1





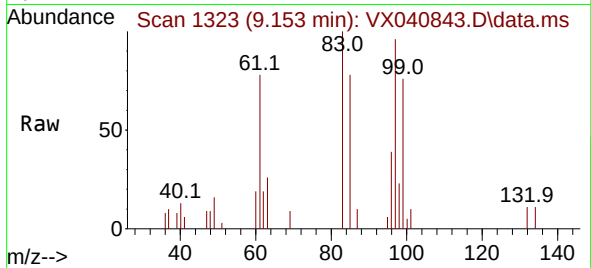
#55
1,1,2-Trichloroethane
Concen: 4.855 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



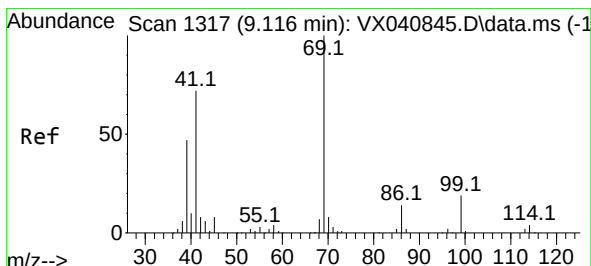
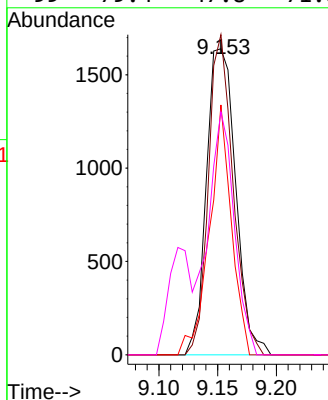
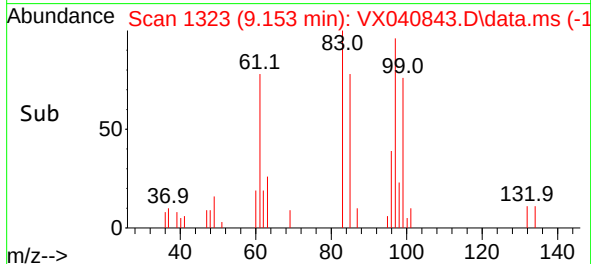
Tgt Ion: 97 Resp: 2840
Ion Ratio Lower Upper
97 100
83 104.6 65.8 98.8
85 81.6 41.6 62.4
99 79.4 47.8 71.8

Manual Integrations

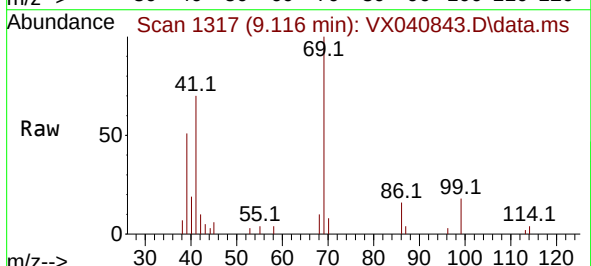
APPROVED

Reviewed By :John Carlone 04/02/2024

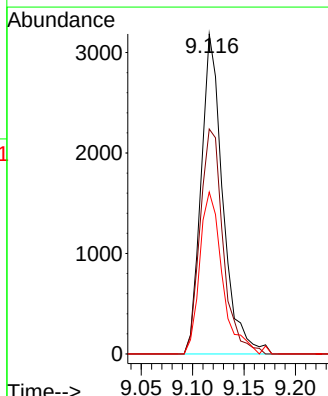
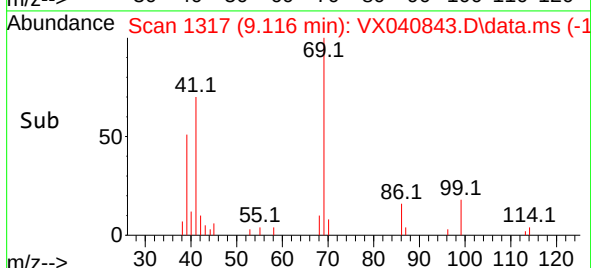
Supervised By :Mahesh Dadoda 04/02/2024

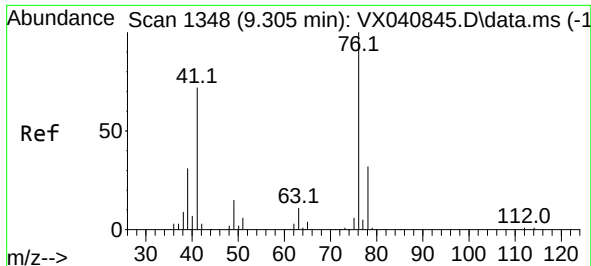


#56
Ethyl methacrylate
Concen: 4.678 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



Tgt Ion: 69 Resp: 4699
Ion Ratio Lower Upper
69 100
41 74.4 56.8 85.2
39 52.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 4.911 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 5024

Ion Ratio Lower Upper

76 100

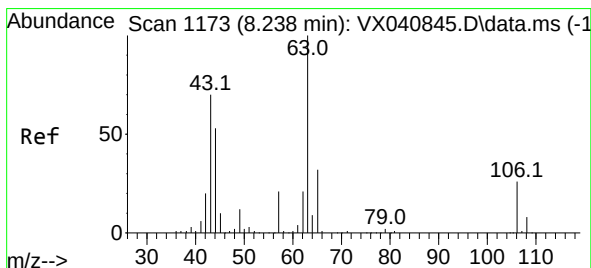
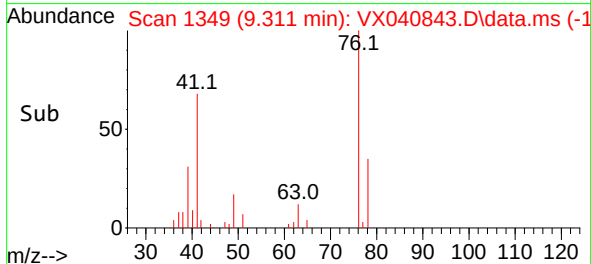
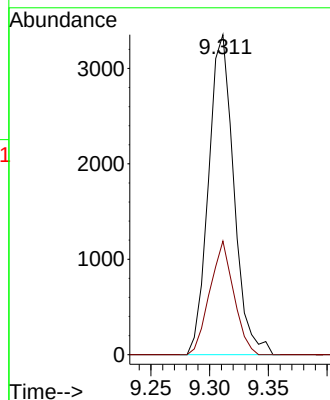
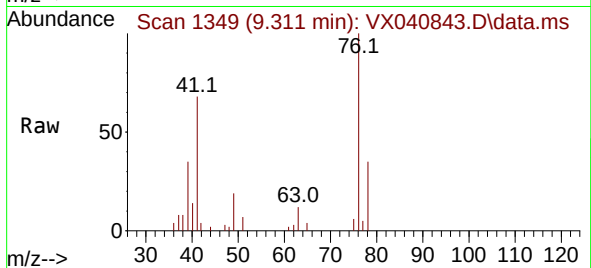
78 33.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#58

2-Chloroethyl Vinyl ether

Concen: 24.234 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040843.D

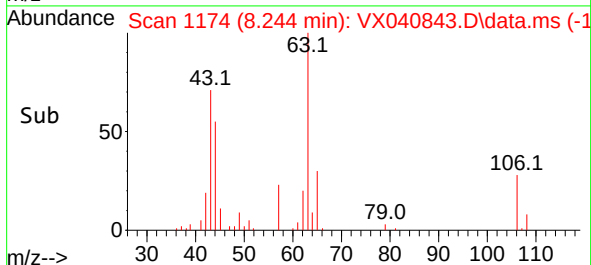
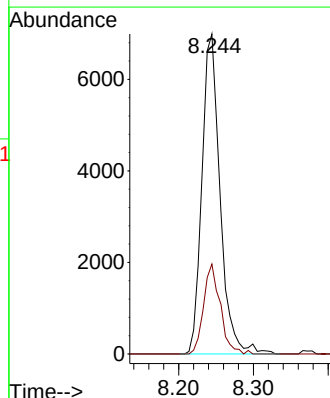
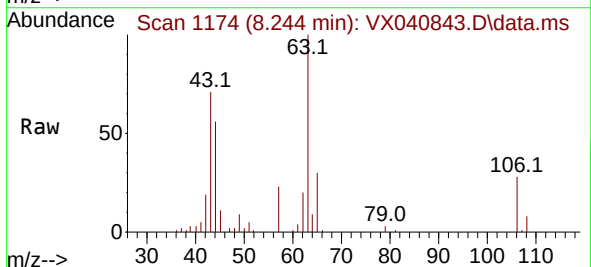
Acq: 01 Apr 2024 13:37

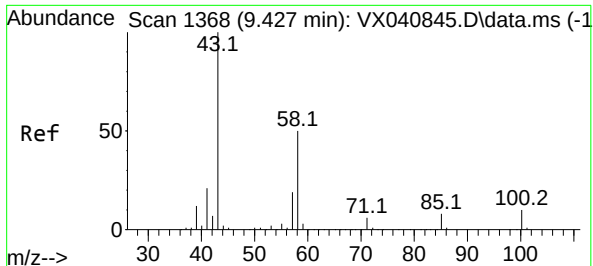
Tgt Ion: 63 Resp: 11801

Ion Ratio Lower Upper

63 100

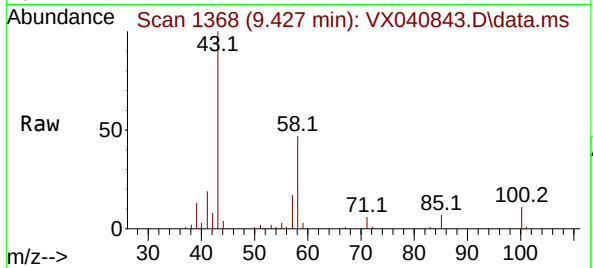
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 22.687 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

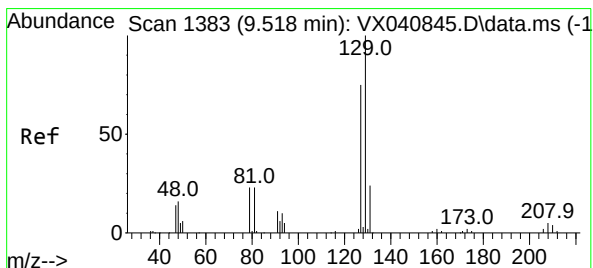
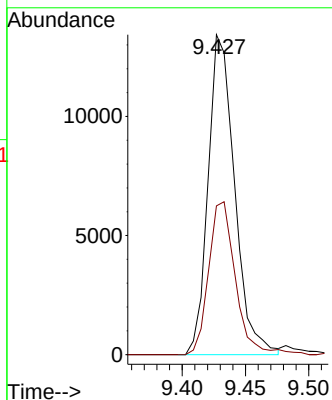
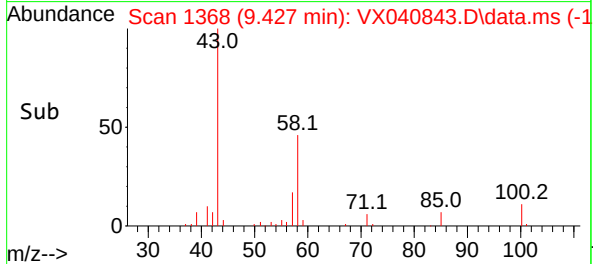
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 19590
Ion Ratio Lower Upper
43 100
58 48.4 26.2 78.5

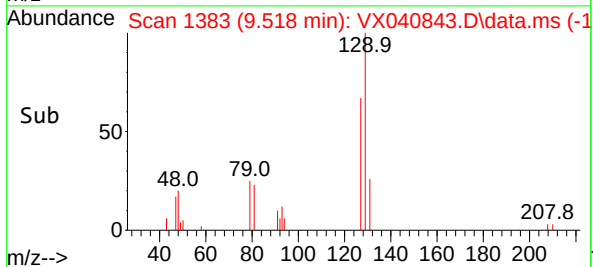
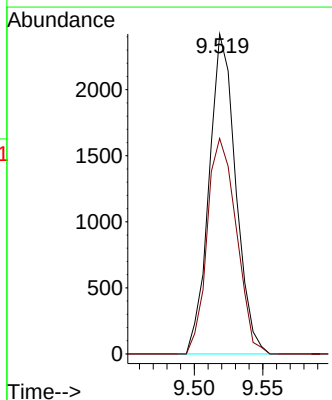
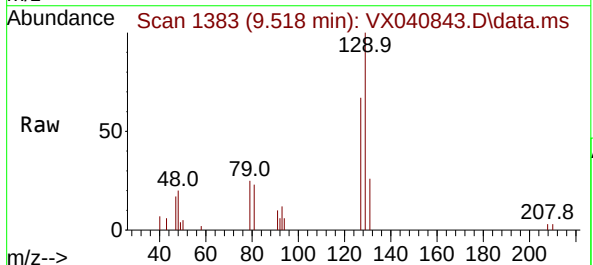
Manual Integrations
APPROVED

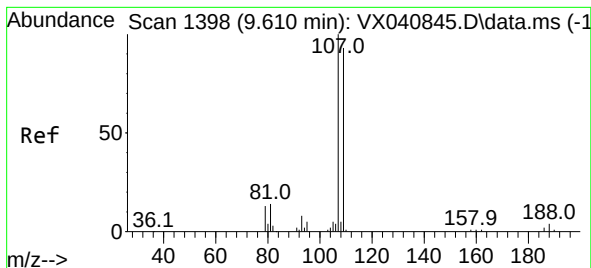
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#60
Dibromochloromethane
Concen: 4.695 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

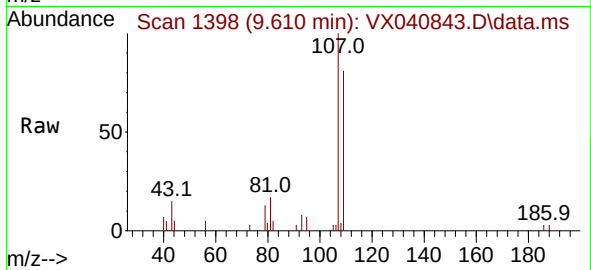
Tgt Ion:129 Resp: 3279
Ion Ratio Lower Upper
129 100
127 73.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.996 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

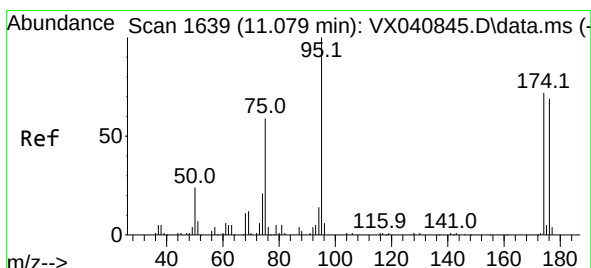
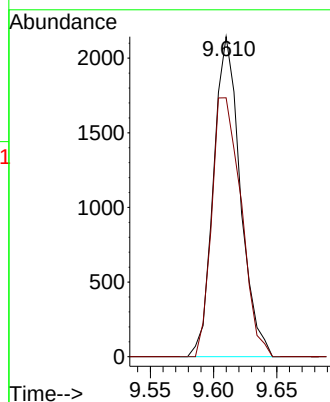
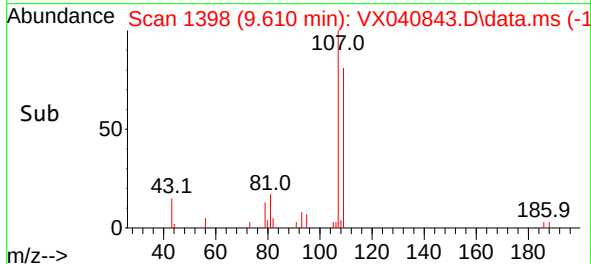
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 107 Resp: 315
Ion Ratio Lower Upper
107 100
109 88.9 75.2 112.8

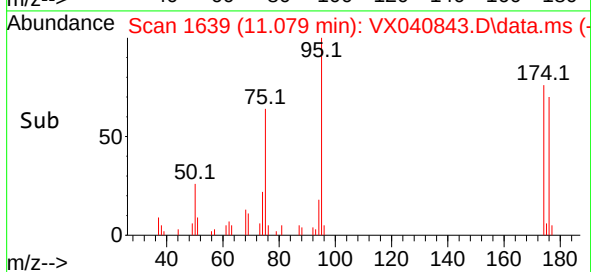
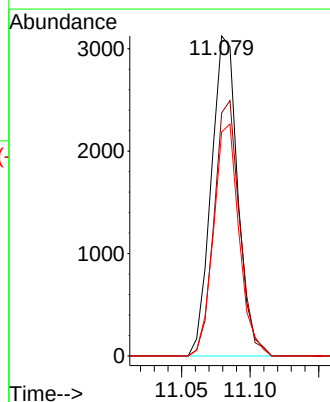
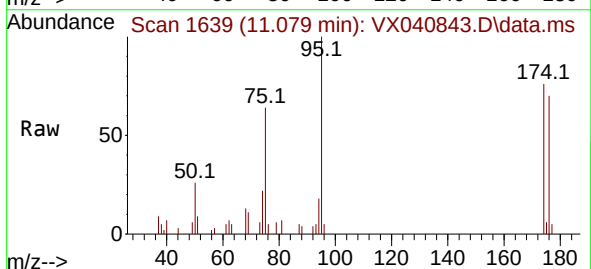
Manual Integrations
APPROVED

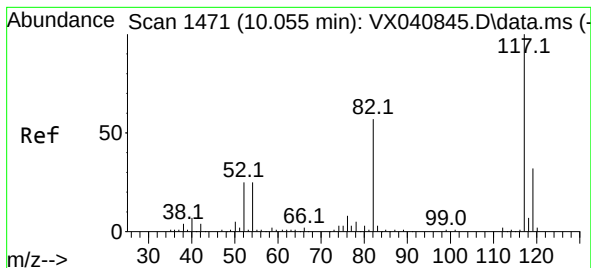
Reviewed By : John Carlone 04/02/2024
Supervised By : Mahesh Dadoda 04/02/2024



#62
4-Bromofluorobenzene
Concen: 4.828 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

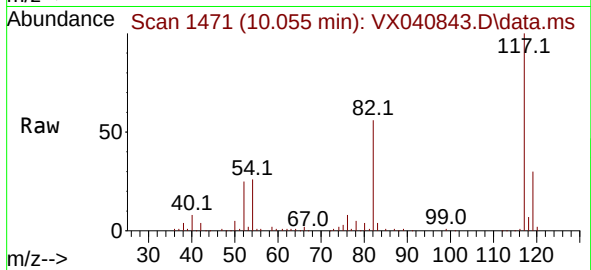
Tgt Ion: 95 Resp: 4197
Ion Ratio Lower Upper
95 100
174 76.4 0.0 135.6
176 69.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

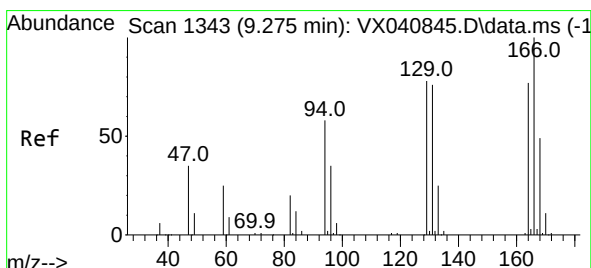
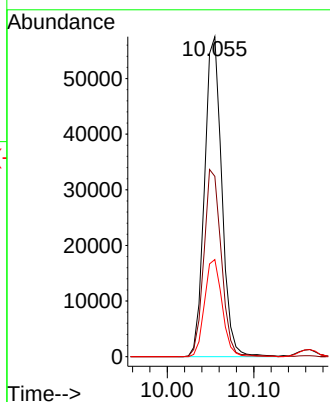
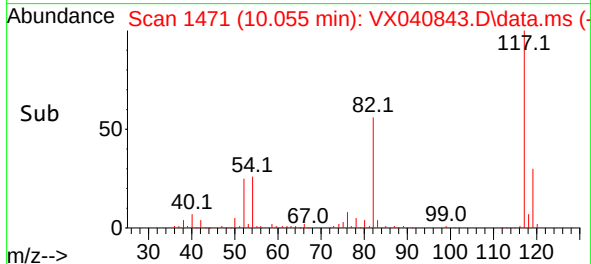
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



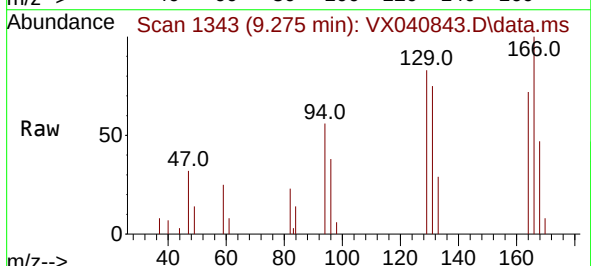
Tgt Ion:117 Resp: 79524
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 30.3 25.5 38.3

Manual Integrations
APPROVED

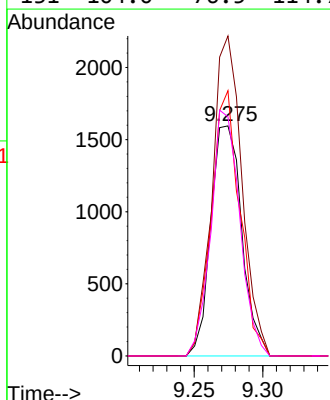
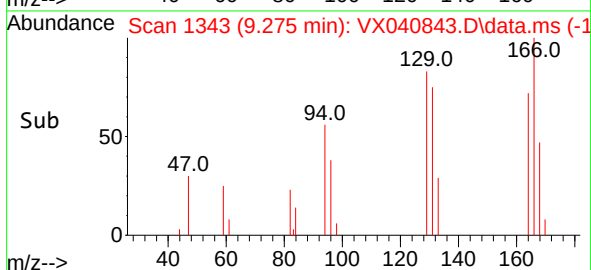
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

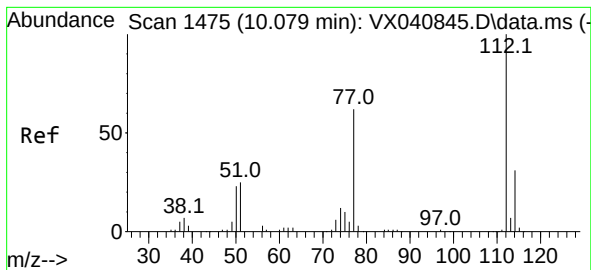


#64
Tetrachloroethene
Concen: 4.766 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



Tgt Ion:164 Resp: 2508
Ion Ratio Lower Upper
164 100
166 139.1 102.7 154.1
129 115.3 80.4 120.6
131 104.0 76.5 114.7





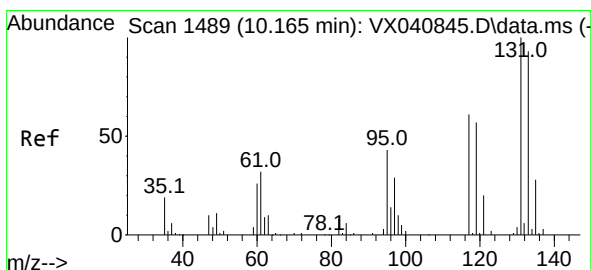
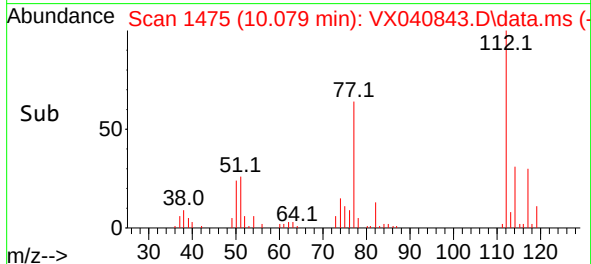
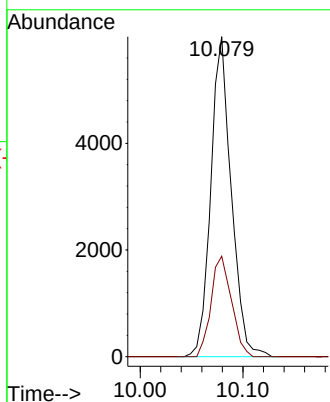
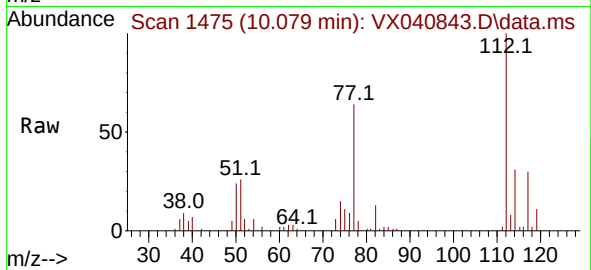
#65
Chlorobenzene
Concen: 4.774 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 830
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

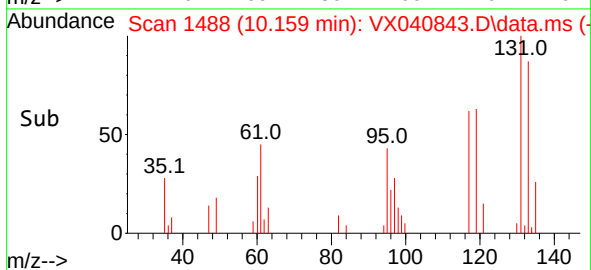
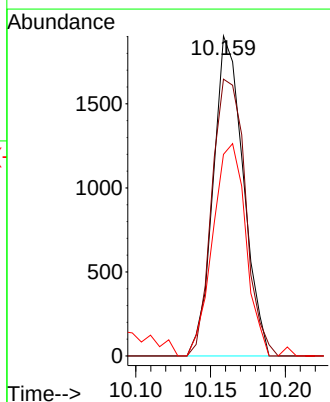
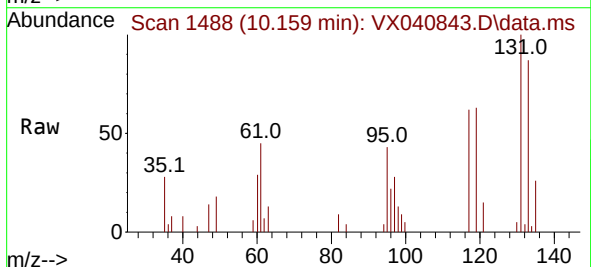
Manual Integrations
APPROVED

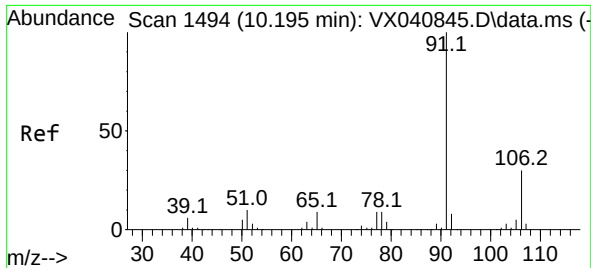
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.611 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion:131 Resp: 2662
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 72.7 32.2 96.6





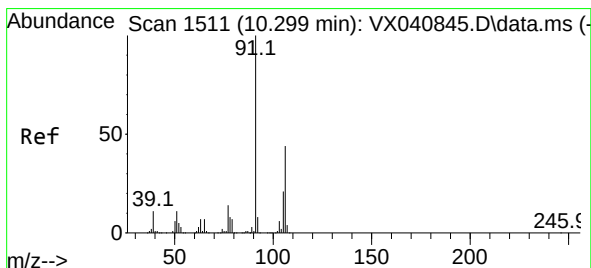
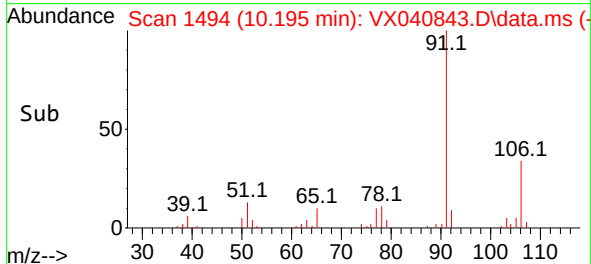
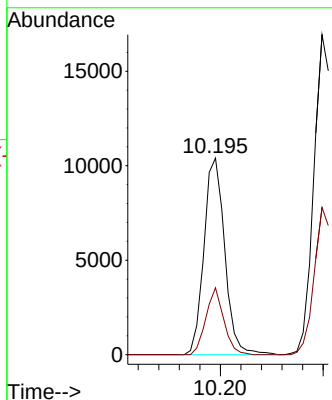
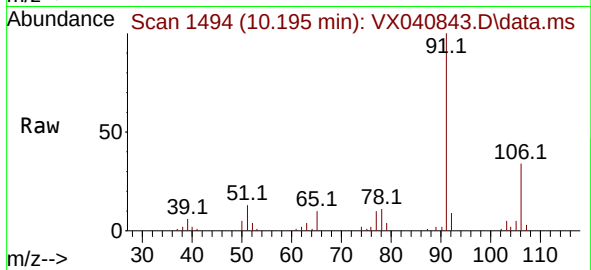
#67
Ethyl Benzene
Concen: 4.724 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1465
Ion Ratio Lower Upper
91 100
106 34.0 24.9 37.3

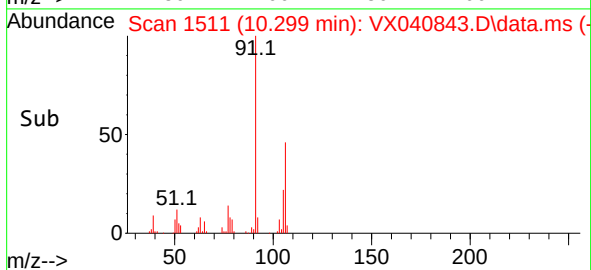
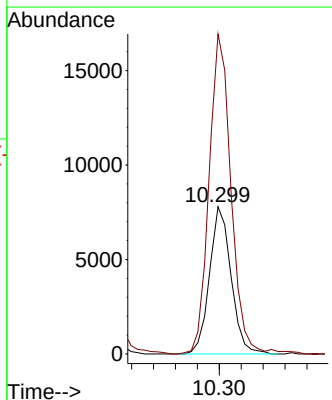
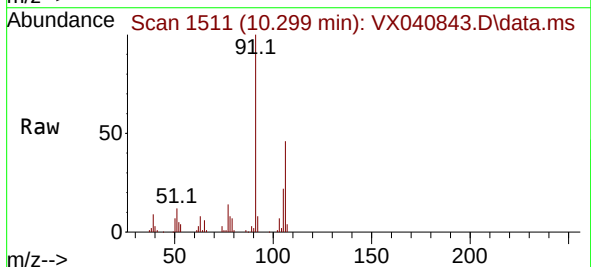
Manual Integrations
APPROVED

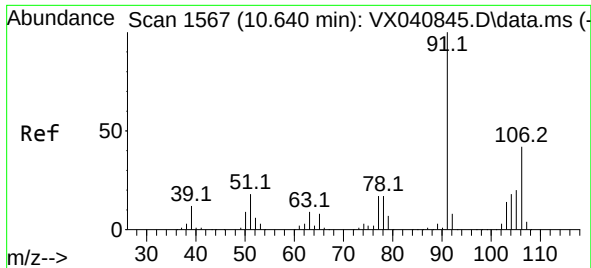
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#68
m/p-Xylenes
Concen: 9.428 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion:106 Resp: 10639
Ion Ratio Lower Upper
106 100
91 221.9 165.5 248.3





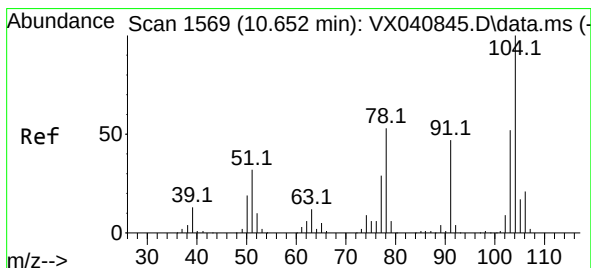
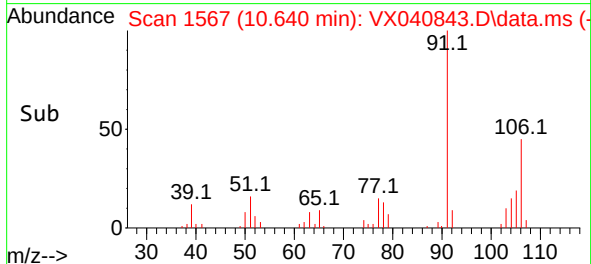
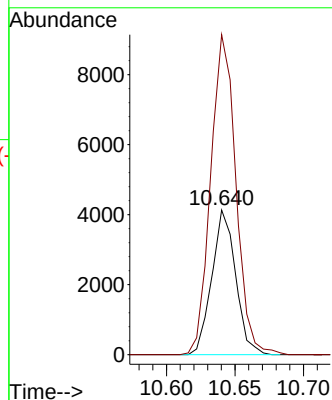
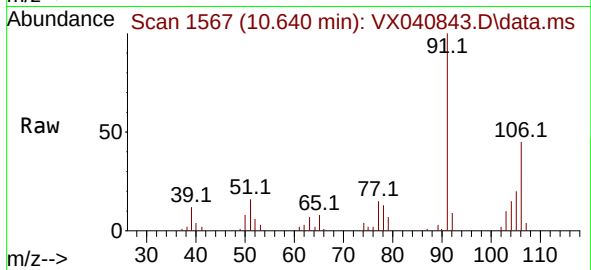
#69
o-Xylene
Concen: 4.695 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 4992
Ion Ratio Lower Upper
106 100
91 234.4 108.9 326.8

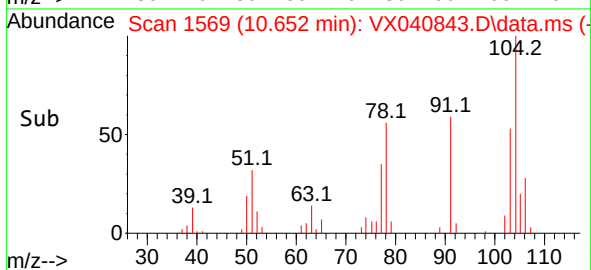
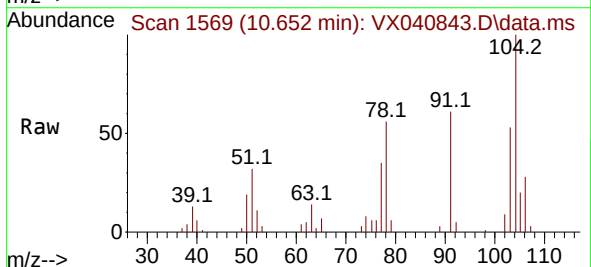
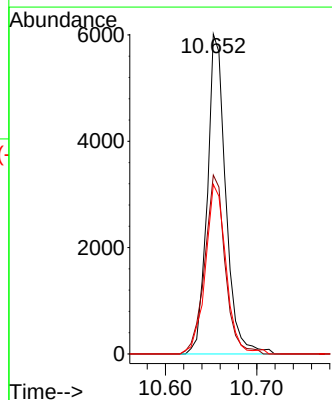
Manual Integrations
APPROVED

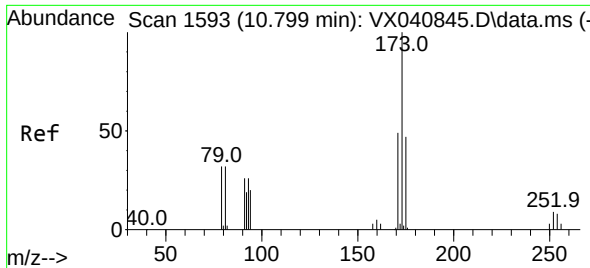
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#70
Styrene
Concen: 4.559 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

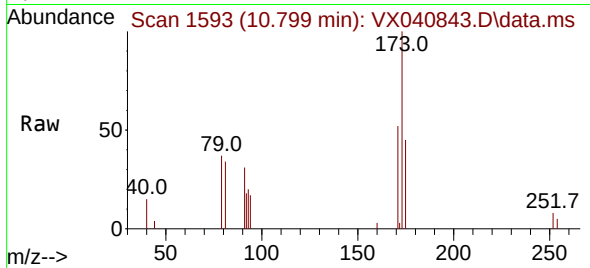
Tgt Ion:104 Resp: 8399
Ion Ratio Lower Upper
104 100
78 61.8 43.6 65.4
103 59.4 43.6 65.4





#71
Bromoform
Concen: 4.684 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

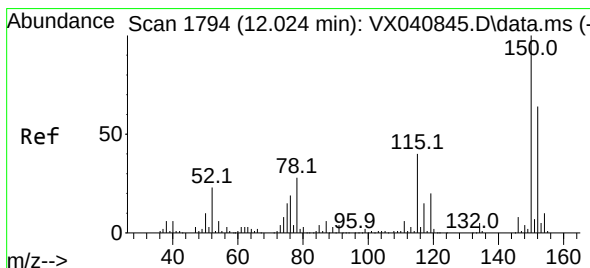
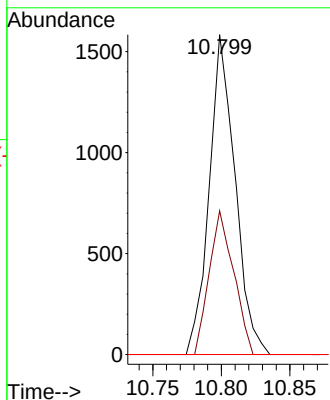
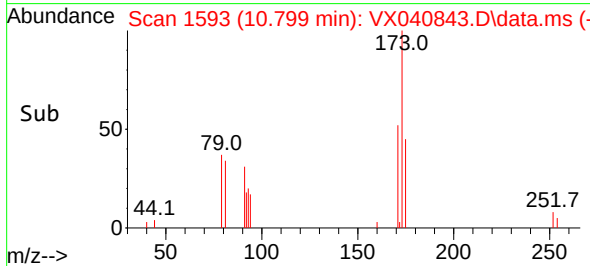
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



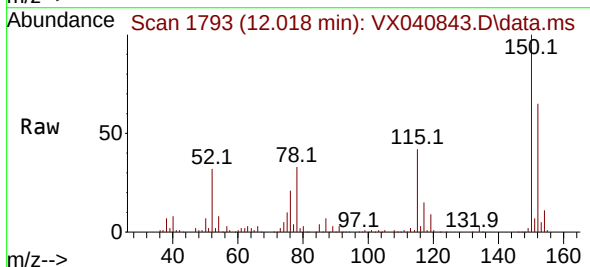
Tgt Ion:173 Resp: 208
Ion Ratio Lower Upper
173 100
175 42.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

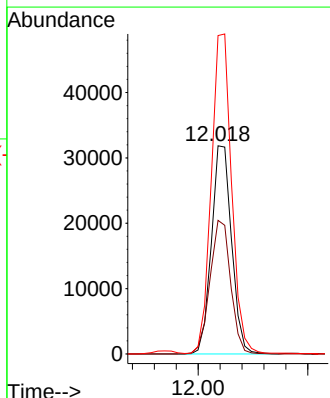
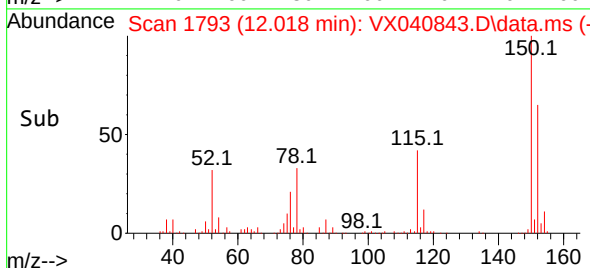
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

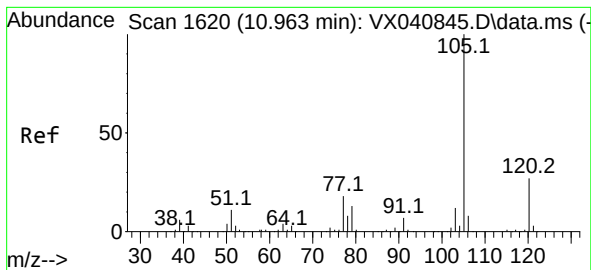


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



Tgt Ion:152 Resp: 40716
Ion Ratio Lower Upper
152 100
115 65.7 43.3 129.9
150 155.3 0.0 345.0





#73

Isopropylbenzene

Concen: 4.992 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 1419

Ion Ratio Lower Upper

105 100

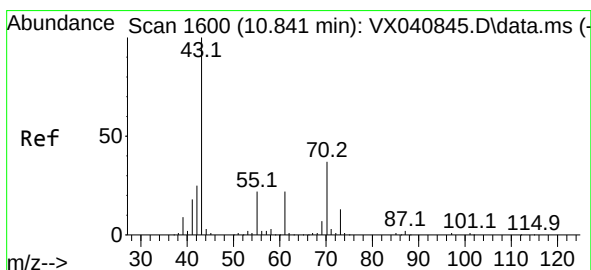
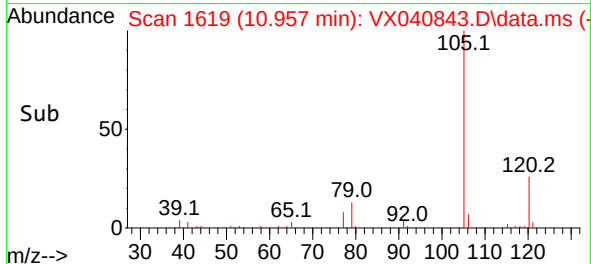
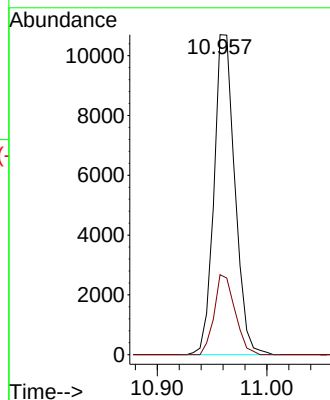
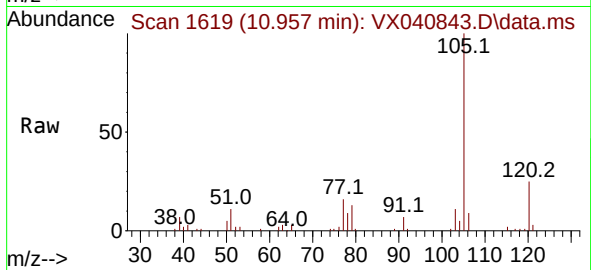
120 24.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#74

N-ethyl acetate

Concen: 4.495 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Tgt Ion: 43 Resp: 6474

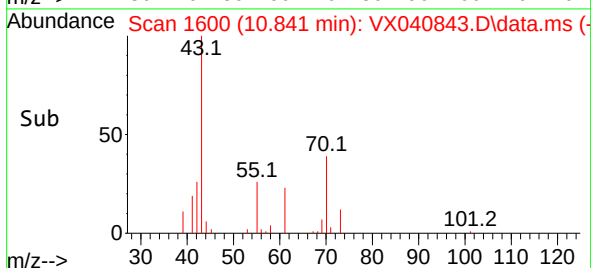
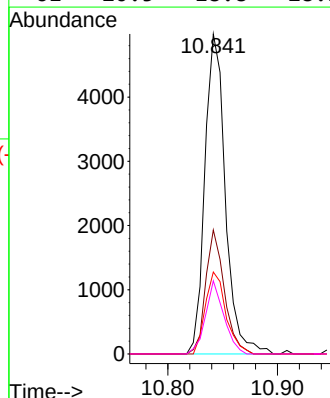
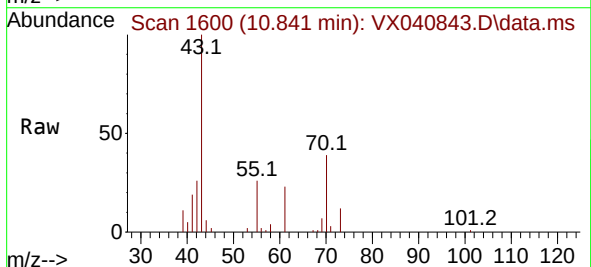
Ion Ratio Lower Upper

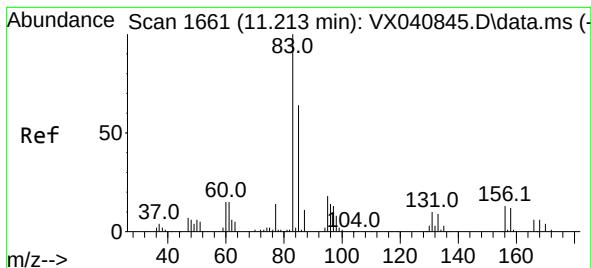
43 100

70 35.4 32.9 49.3

55 25.8 19.3 28.9

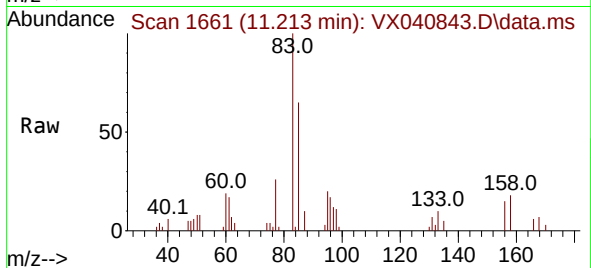
61 20.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 4.972 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

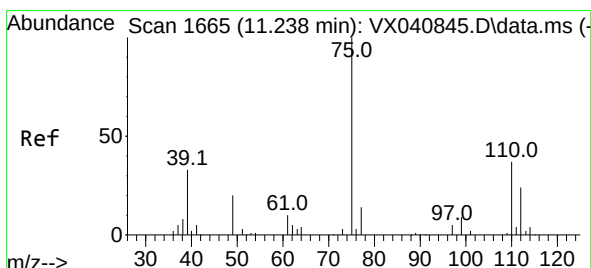
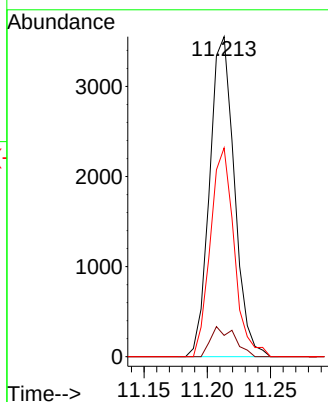
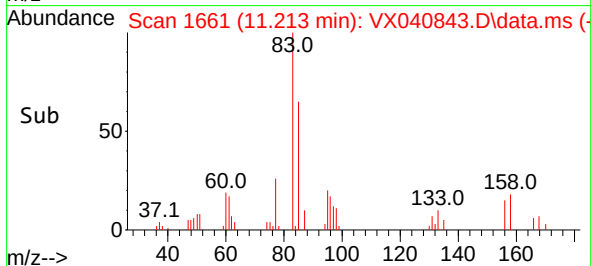
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 4839
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 62.8 32.0 96.2

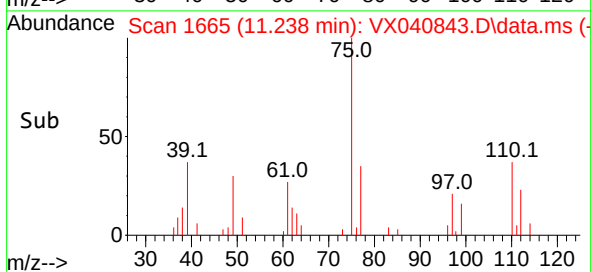
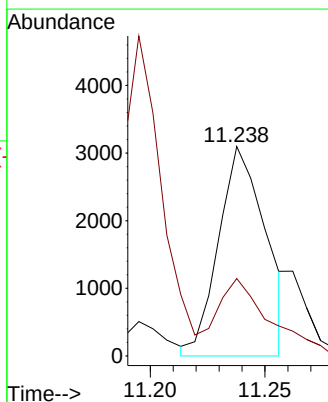
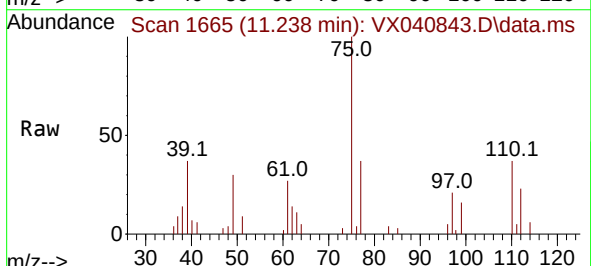
Manual Integrations
APPROVED

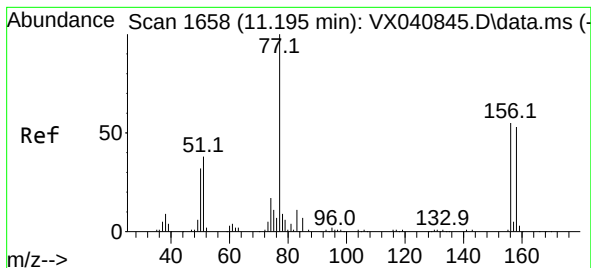
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#76
1,2,3-Trichloropropane
Concen: 5.080 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion: 75 Resp: 4411
Ion Ratio Lower Upper
75 100
77 41.8 19.1 57.5





#77

Bromobenzene

Concen: 4.715 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

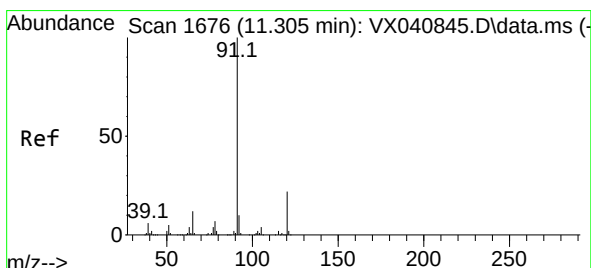
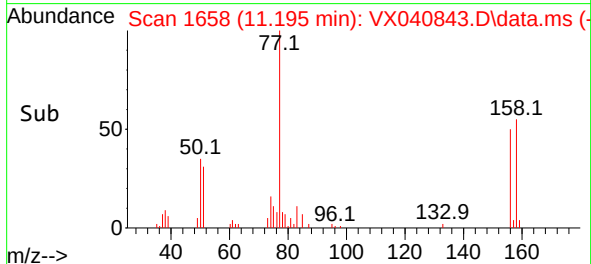
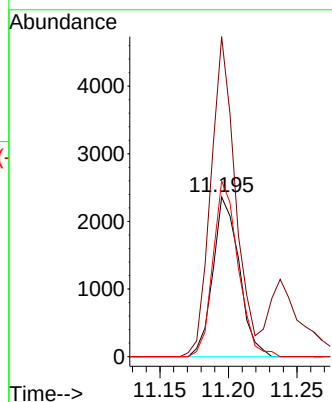
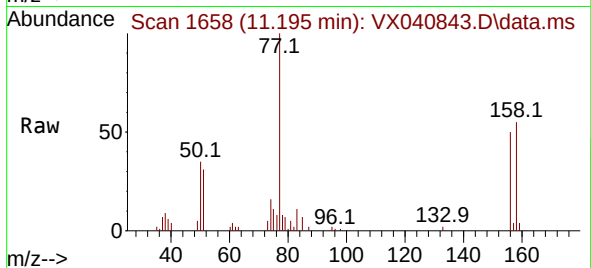
Tgt Ion:	156	Resp:	314
Ion Ratio	Lower	Upper	
156	100		
77	187.5	88.4	265.3
158	105.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#78

n-propylbenzene

Concen: 4.689 ug/l

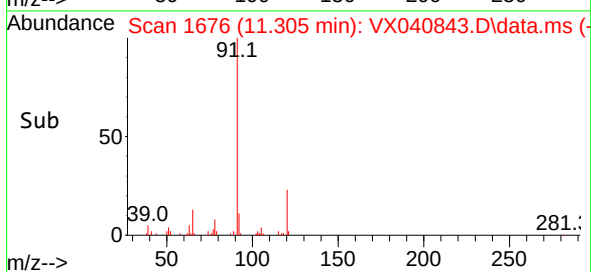
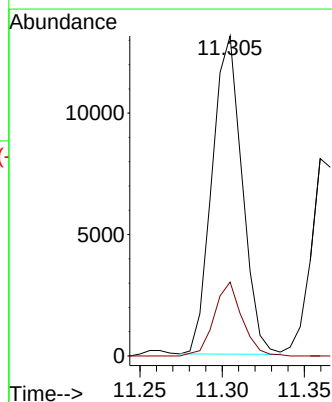
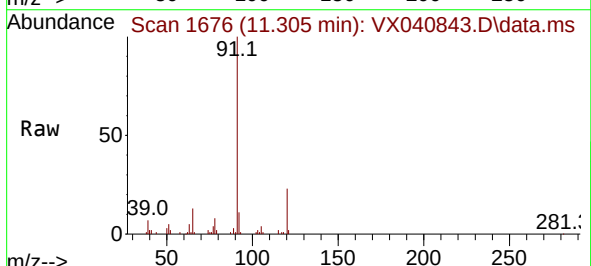
RT: 11.305 min Scan# 1676

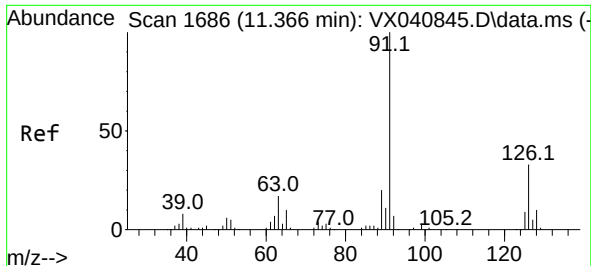
Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Tgt Ion:	91	Resp:	16663
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.5	34.4





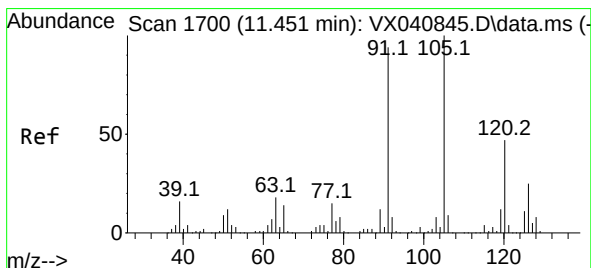
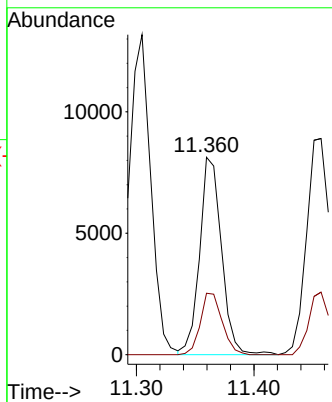
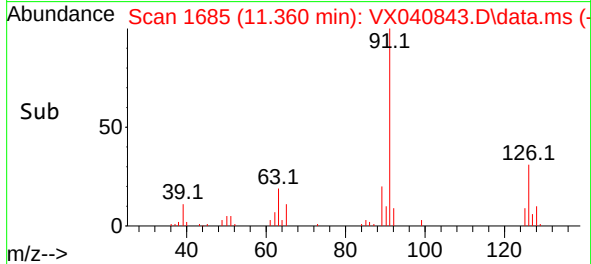
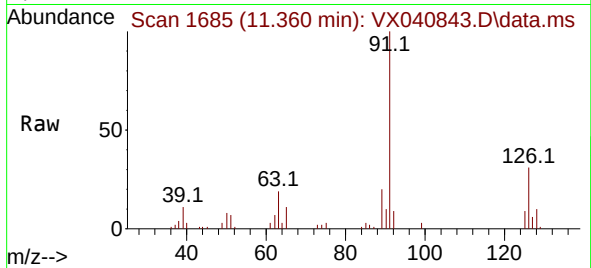
#79
2-Chlorotoluene
Concen: 4.960 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 10519
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

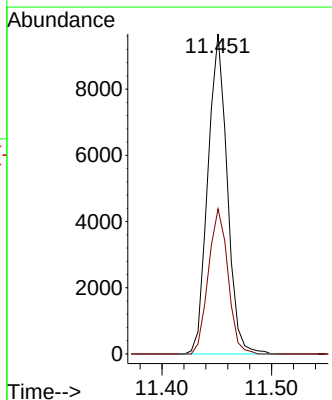
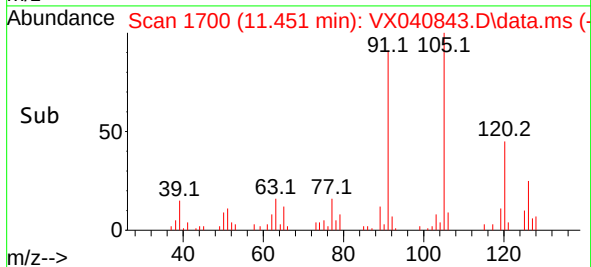
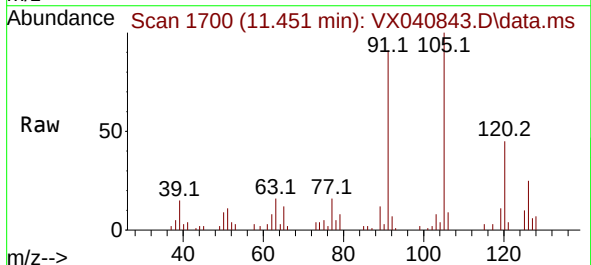
Manual Integrations
APPROVED

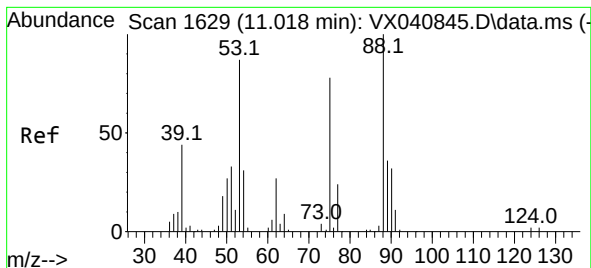
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

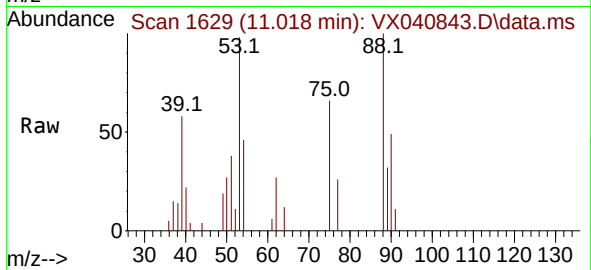
Tgt Ion:105 Resp: 11841
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 3.891 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

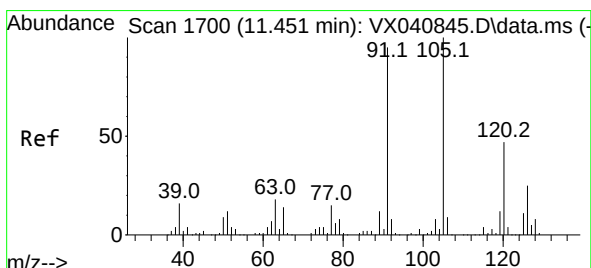
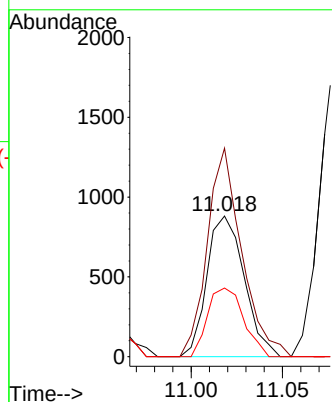
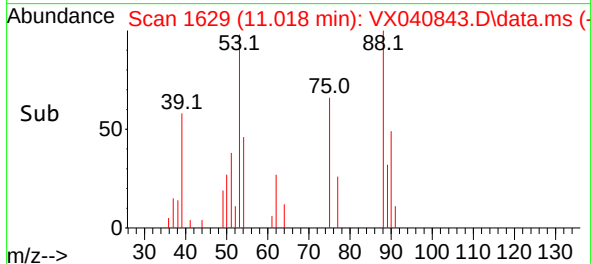
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 125
Ion Ratio Lower Upper
75 100
53 136.7 90.5 135.7
89 47.1 36.9 55.3

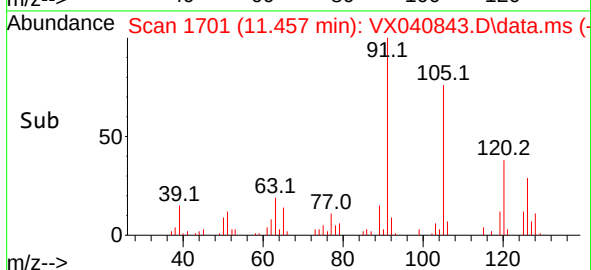
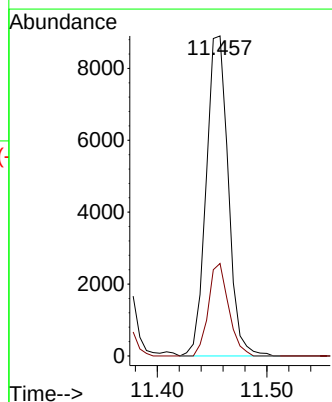
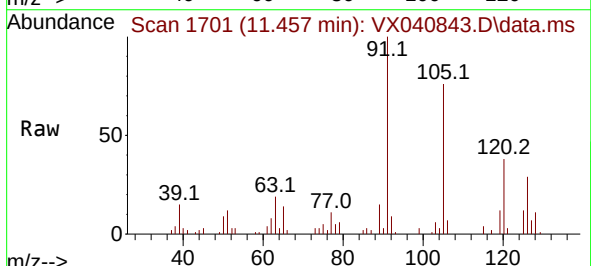
Manual Integrations
APPROVED

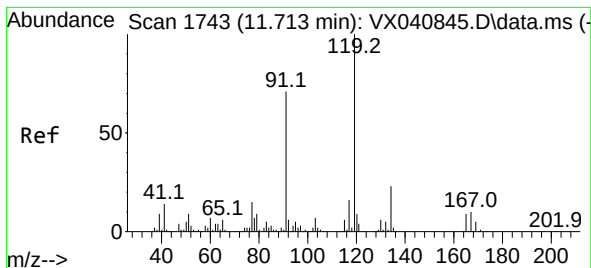
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#82
4-Chlorotoluene
Concen: 4.902 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion: 91 Resp: 12412
Ion Ratio Lower Upper
91 100
126 26.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.856 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

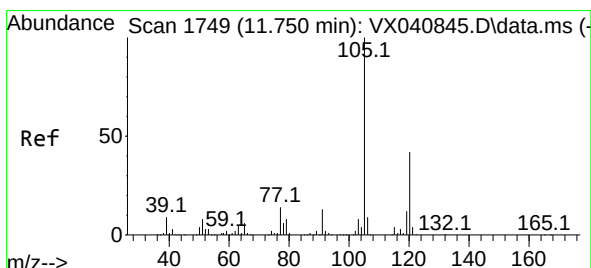
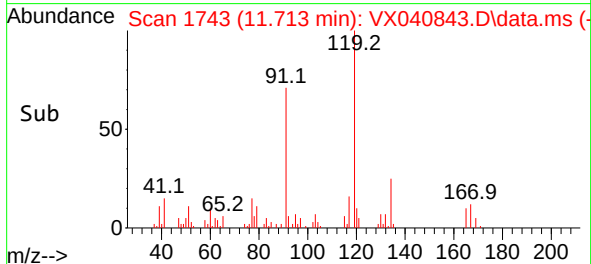
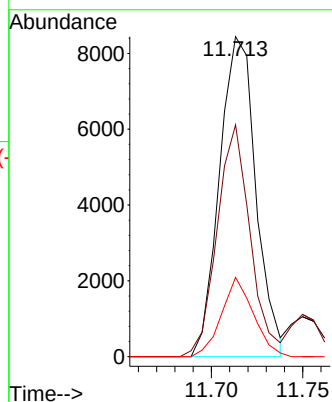
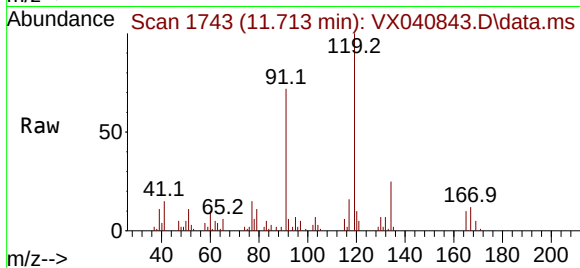
Tgt Ion:	119	Resp:	11700
Ion	Ratio	Lower	Upper
119	100		
91	65.9	31.2	93.6
134	21.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.806 ug/l

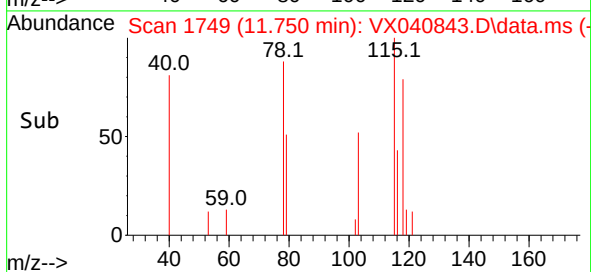
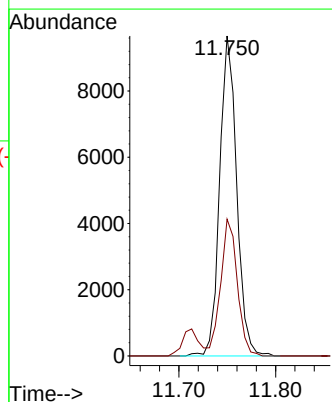
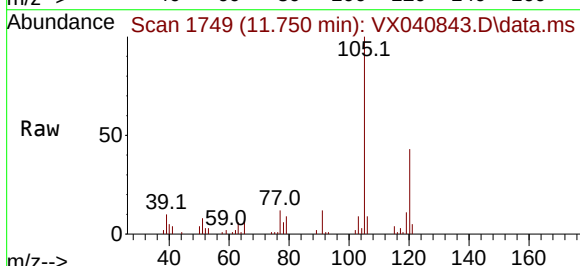
RT: 11.750 min Scan# 1749

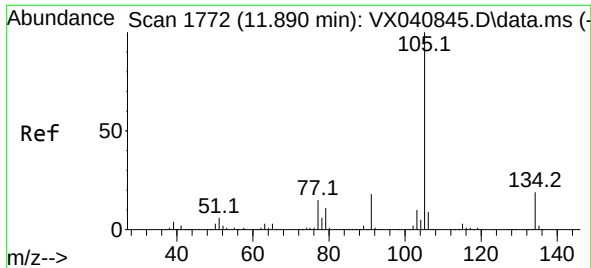
Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

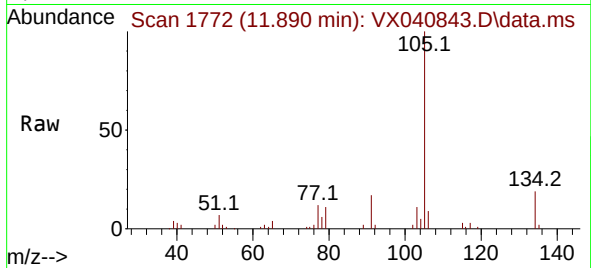
Tgt Ion:	105	Resp:	11760
Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 4.819 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040843.D
 Acq: 01 Apr 2024 13:37

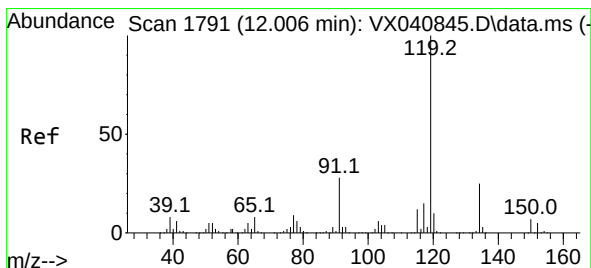
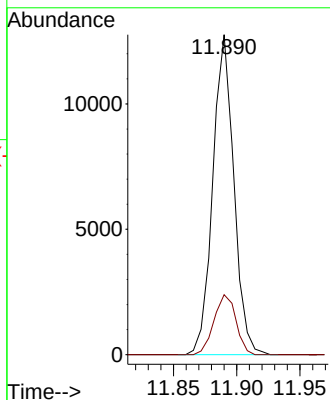
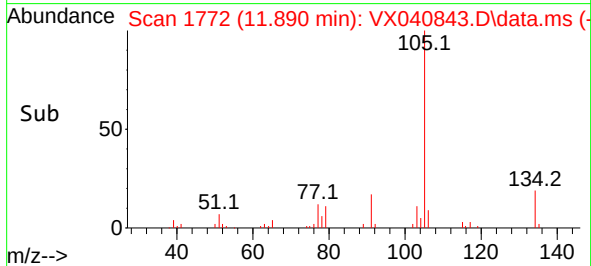
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



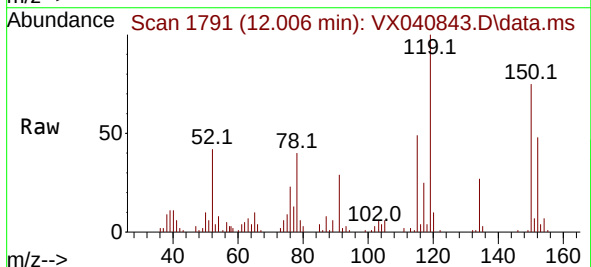
Tgt Ion:105 Resp: 14740
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
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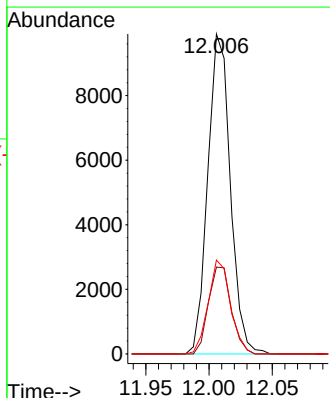
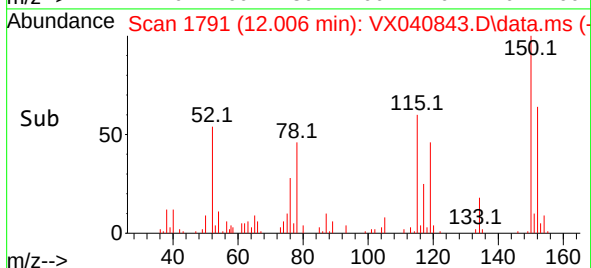
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024

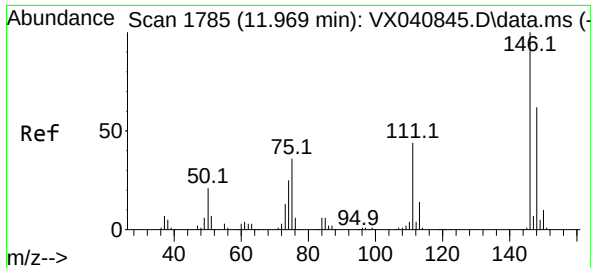


#86
 p-Isopropyltoluene
 Concen: 4.783 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040843.D
 Acq: 01 Apr 2024 13:37



Tgt Ion:119 Resp: 12276
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.8 38.3
 91 28.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.755 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

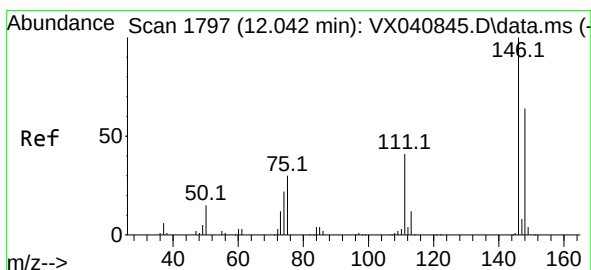
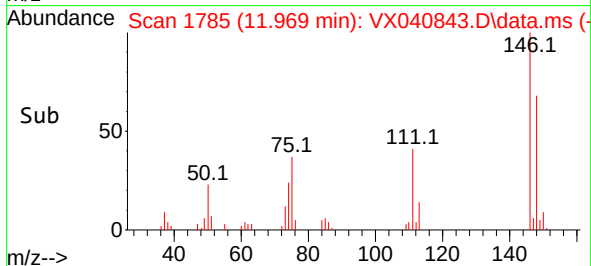
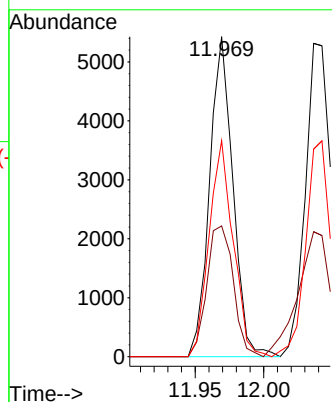
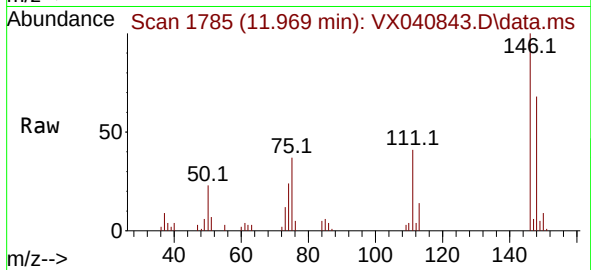
Tgt Ion:146	Resp:	641
Ion Ratio	Lower	Upper
146	100	
111	46.4	22.1 66.1
148	69.5	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#88

1,4-Dichlorobenzene

Concen: 4.926 ug/l

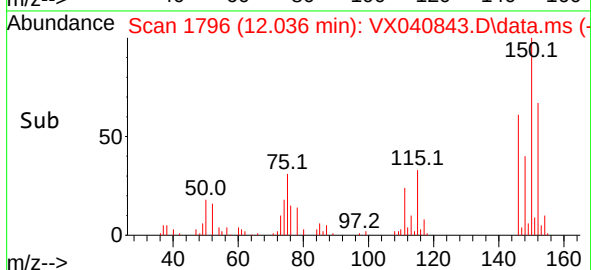
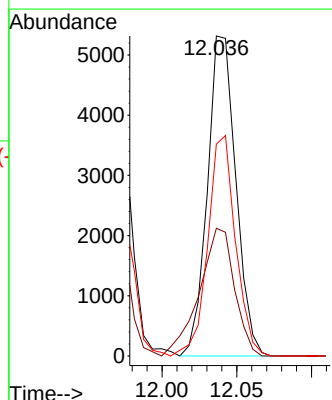
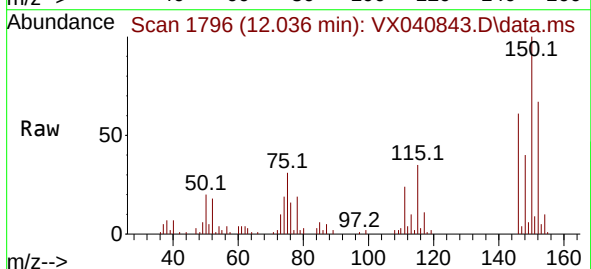
RT: 12.036 min Scan# 1796

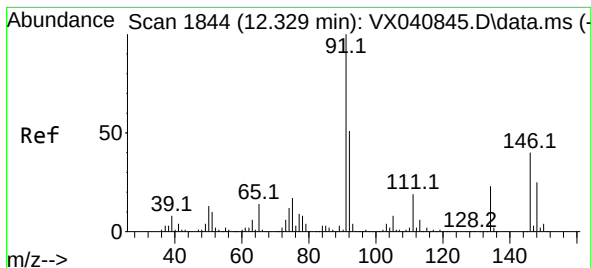
Delta R.T. -0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Tgt Ion:146	Resp:	7048
Ion Ratio	Lower	Upper
146	100	
111	49.2	21.3 63.7
148	67.1	31.8 95.4





#89

n-Butylbenzene

Concen: 4.655 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040843.D

Acq: 01 Apr 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1180

Ion Ratio Lower Upper

91 100

92 55.2 27.4 82.0

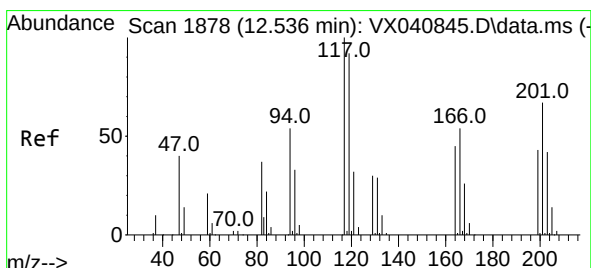
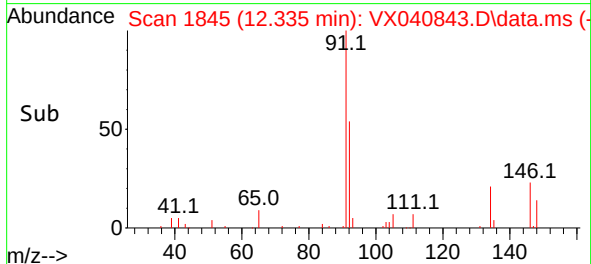
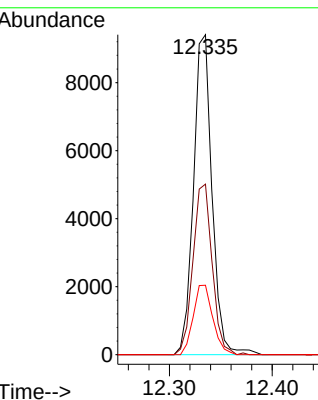
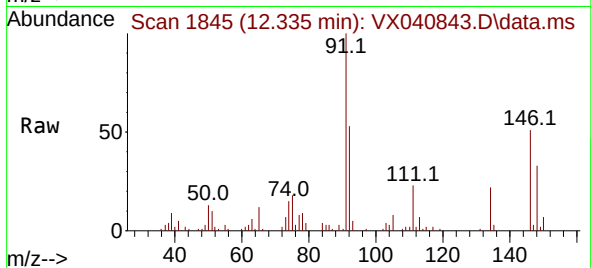
134 23.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#90

Hexachloroethane

Concen: 4.428 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040843.D

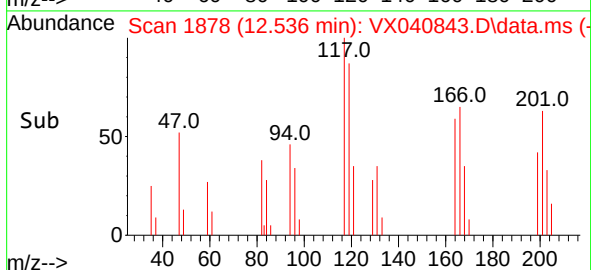
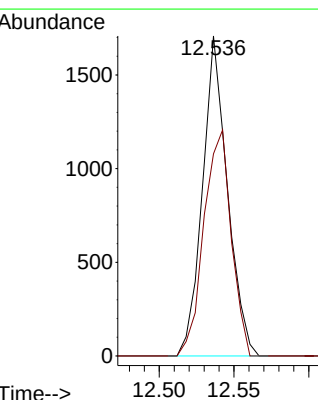
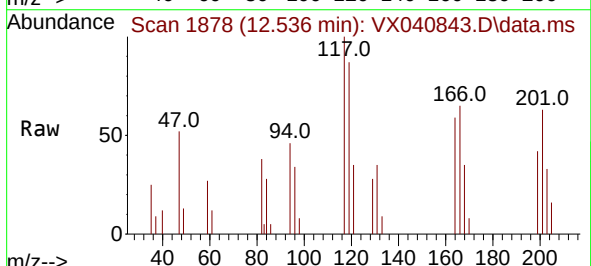
Acq: 01 Apr 2024 13:37

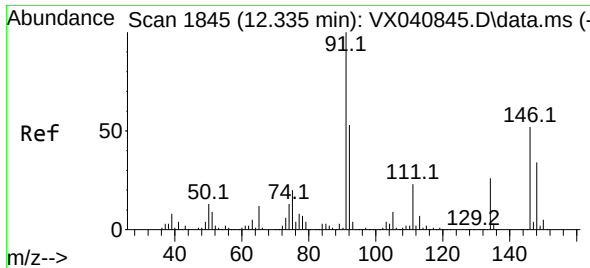
Tgt Ion:117 Resp: 1980

Ion Ratio Lower Upper

117 100

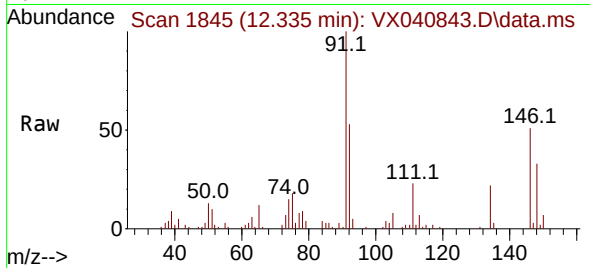
201 77.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 4.897 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

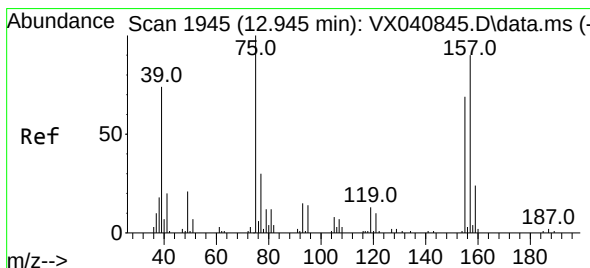
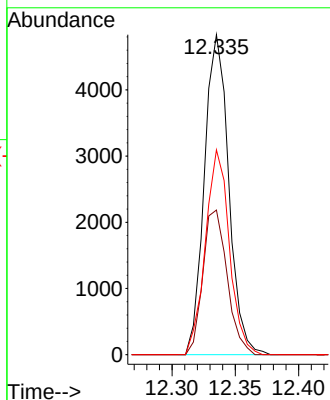
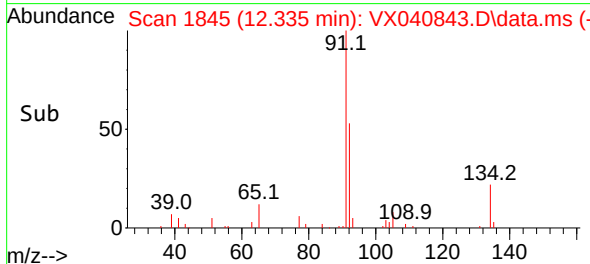
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



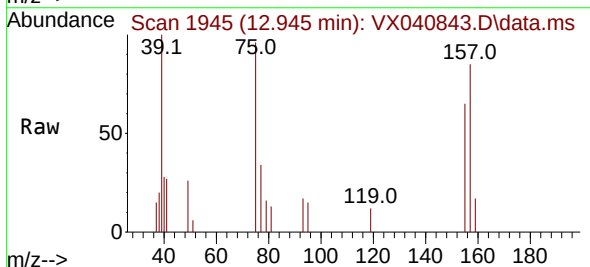
Tgt Ion:146 Resp: 647
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.0
148 63.2 31.6 95.0

Manual Integrations
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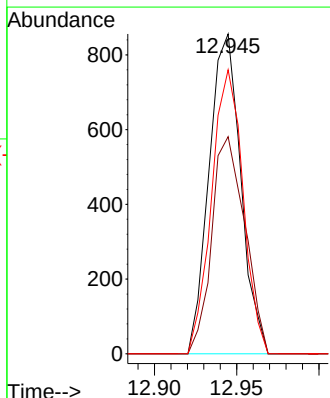
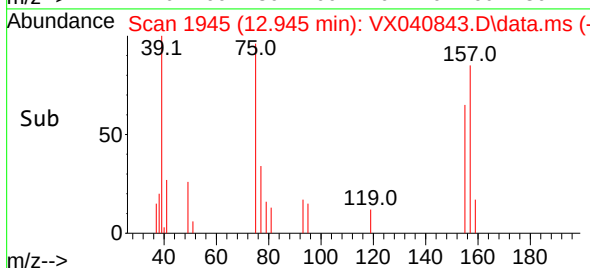
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

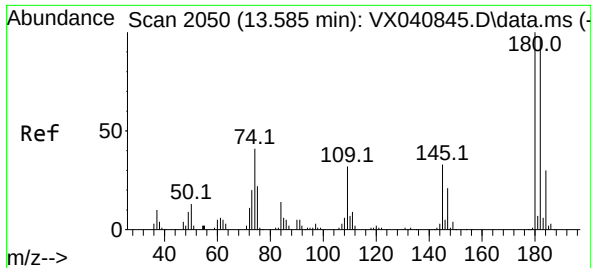


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.595 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



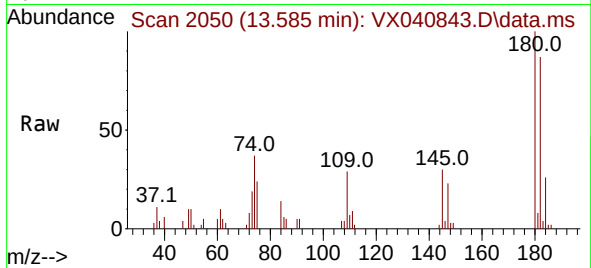
Tgt Ion: 75 Resp: 1148
Ion Ratio Lower Upper
75 100
155 71.0 36.1 108.5
157 87.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 4.711 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

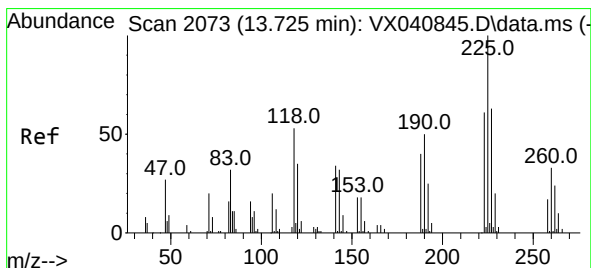
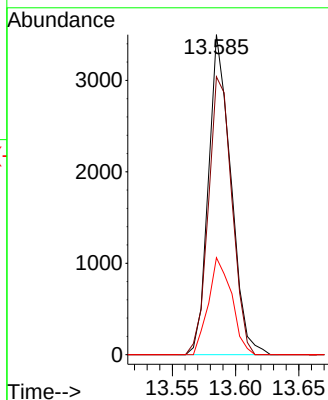
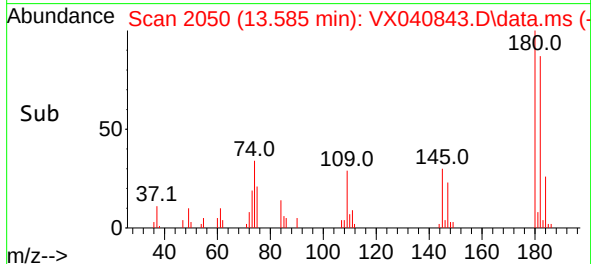
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



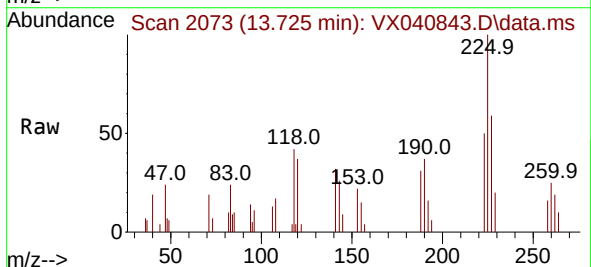
Tgt Ion:180 Resp: 4310
Ion Ratio Lower Upper
180 100
182 90.8 48.3 144.8
145 31.4 18.0 54.0

Manual Integrations
APPROVED

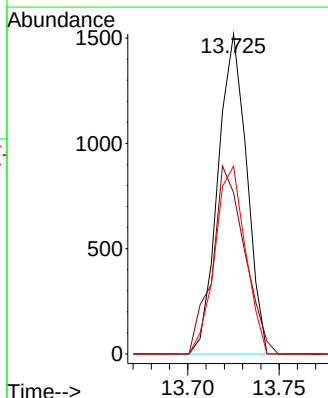
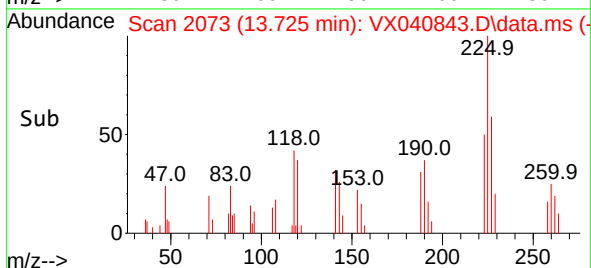
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

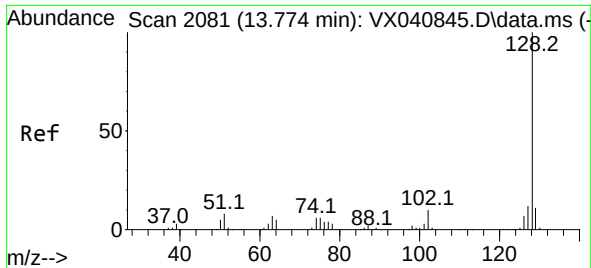


#94
Hexachlorobutadiene
Concen: 4.724 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37



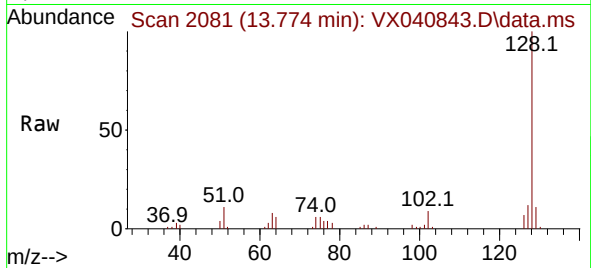
Tgt Ion:225 Resp: 1658
Ion Ratio Lower Upper
225 100
223 66.4 31.1 93.2
227 62.6 32.5 97.5





#95
Naphthalene
Concen: 4.689 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

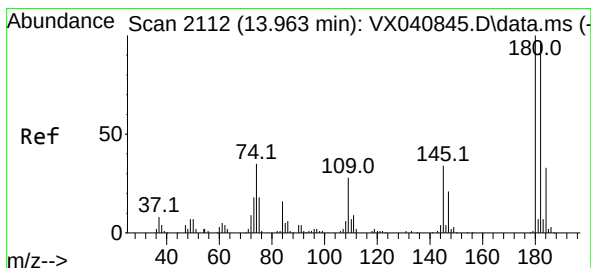
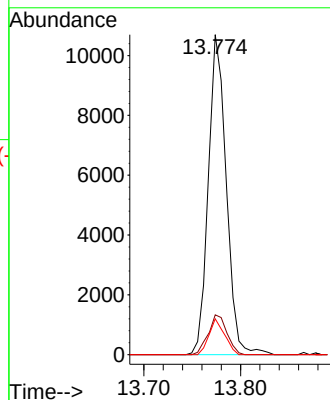
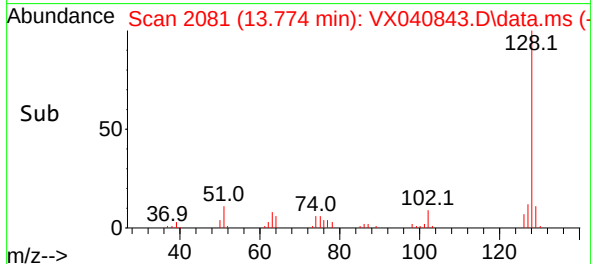
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 1383
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 9.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.602 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040843.D
Acq: 01 Apr 2024 13:37

Tgt Ion:180 Resp: 4022
Ion Ratio Lower Upper
180 100
182 100.5 46.9 140.6
145 33.9 17.8 53.5

