

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042237.D
 Acq On : 09 Jul 2024 09:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2024
 Supervised By : Mahesh Dadoda 07/10/2024

Quant Time: Jul 10 04:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	26233	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	157553	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	143906	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	57695	31.949	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 106.500%		
60) 4-Bromofluorobenzene	11.079	95	67936	30.498	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 101.667%		
63) Toluene-d8	8.647	98	183774	29.849	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 99.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36332	21.395	ug/l	100
3) Chloromethane	1.301	50	39447	20.781	ug/l	98
4) Vinyl Chloride	1.374	62	36332	19.572	ug/l	96
5) Bromomethane	1.599	94	19883	20.037	ug/l	97
6) Chloroethane	1.666	64	18628	23.487	ug/l	99
7) Trichlorofluoromethane	1.868	101	51793	22.154	ug/l	98
8) Diethyl Ether	2.136	74	20320	20.084	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	35087	22.077	ug/l	99
10) 1,1-Dichloroethene	2.307	96	32994	20.580	ug/l	98
11) Methyl Iodide	2.441	142	38101	18.260	ug/l	96
12) Methyl Acetate	2.709	43	50496	24.704	ug/l	99
13) Acrolein	2.239	56	25413	61.661	ug/l	98
14) Acrylonitrile	3.069	53	98187	101.209	ug/l	97
15) Acetone	2.392	58	31368	113.027	ug/l	96
16) Carbon Disulfide	2.502	76	67786	19.293	ug/l	98
17) Allyl chloride	2.654	41	51546	21.170	ug/l	96
18) Methylene Chloride	2.782	84	39191	21.312	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	33284	20.725	ug/l	100
20) Diisopropyl ether	3.764	45	106599	21.300	ug/l	96
21) 1,1-Dichloroethane	3.605	63	61924	21.661	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	41982	21.595	ug/l	97
23) tert-Butyl Alcohol	2.989	59	34550	95.790	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	109120	22.003	ug/l	100
25) Chloroform	5.086	83	63626	21.900	ug/l	97
26) Cyclohexane	5.458	56	52237	21.038	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	42033	20.441	ug/l	98
30) 2-Butanone	4.562	43	142312	103.576	ug/l	99
31) 2,2-Dichloropropane	4.465	77	49404	21.926	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	54856	21.045	ug/l	100
33) Carbon Tetrachloride	5.672	117	48126	21.407	ug/l	99
34) Benzene	6.031	78	140701	20.540	ug/l	100
35) Methacrylonitrile	4.922	41	27716	20.083	ug/l	95
36) 1,2-Dichloroethane	6.086	62	45992	21.552	ug/l	99
37) Trichloroethene	7.123	130	37811	20.208	ug/l	99
38) Methylcyclohexane	7.373	83	55579	20.406	ug/l	99
39) 1,2-Dichloropropane	7.428	63	33426	20.485	ug/l	97
40) Dibromomethane	7.580	93	24779	20.528	ug/l	98
41) Bromodichloromethane	7.818	83	45658	21.114	ug/l	99
42) Vinyl Acetate	3.721	43	460834	100.202	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	53329	20.700	ug/l	96
44) Isopropyl Acetate	6.342	43	76827	19.910	ug/l	100
45) 1,4-Dioxane	7.671	88	15270m	324.656	ug/l	
46) Methyl methacrylate	7.696	41	37976	20.129	ug/l	99
47) n-amyl Acetate	10.842	43	68411	19.755	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	45934	20.630	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	52340	20.957	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	37043	21.105	ug/l	98
51) Ethyl methacrylate	9.116	69	56916	20.413	ug/l	98
52) 1,3-Dichloropropane	9.305	76	59266	20.655	ug/l	100
53) Dibromochloromethane	9.519	129	40641	21.159	ug/l	98
54) 1,2-Dibromoethane	9.610	107	38870	21.001	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	151496	116.733	ug/l	99
56) Bromoform	10.799	173	32569	20.795	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	272034	105.494	ug/l	99
59) 2-Hexanone	9.433	43	211991	106.511	ug/l	100
61) Tetrachloroethene	9.269	164	38294	21.147	ug/l	97
62) Toluene	8.714	91	153092	21.023	ug/l	99
64) Chlorobenzene	10.079	112	104358	21.045	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	37633	21.974	ug/l	99
66) Ethyl Benzene	10.195	91	168644	21.183	ug/l	99
67) m/p-Xylenes	10.299	106	137193	42.841	ug/l	98
68) o-Xylene	10.640	106	67643	21.186	ug/l	99
69) Styrene	10.653	104	113374	21.250	ug/l	99
70) Isopropylbenzene	10.963	105	173597	21.625	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	58237	20.962	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	47705m	21.200	ug/l	
73) Bromobenzene	11.195	156	49976	21.343	ug/l	98
74) n-propylbenzene	11.305	91	191977	21.770	ug/l	100
75) 2-Chlorotoluene	11.366	91	120339	21.490	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	146118	21.726	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	16449	19.760	ug/l	90
78) 4-Chlorotoluene	11.451	91	134080	21.554	ug/l	100
79) tert-butylbenzene	11.713	119	157643	22.083	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	145940	21.721	ug/l	98
81) sec-Butylbenzene	11.890	105	183102	21.990	ug/l	100
82) p-Isopropyltoluene	12.006	119	160380	21.980	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	88645	21.232	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	89691	21.582	ug/l	98
85) n-Butylbenzene	12.329	91	122468	21.705	ug/l	99
86) Hexachloroethane	12.536	117	26300	22.071	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	90279	21.381	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11744	20.436	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	59466	20.805	ug/l	99
90) Hexachlorobutadiene	13.725	225	30955	21.978	ug/l	98
91) Naphthalene	13.774	128	177351	20.536	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	62460	21.101	ug/l	98

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

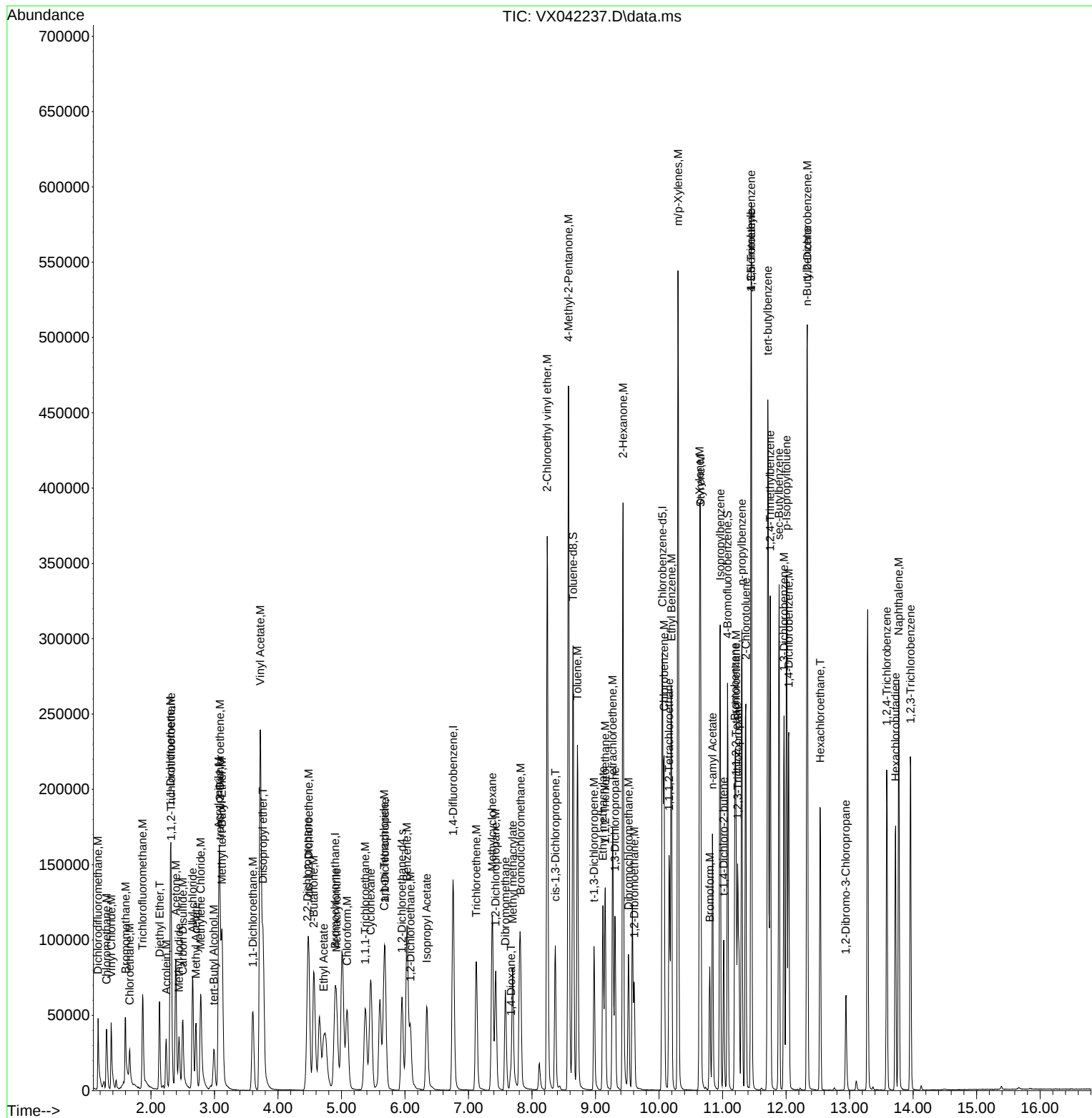
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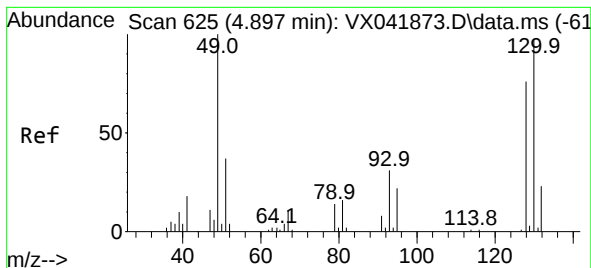
Instrument :
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ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.898 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:128 Resp: 2623

Ion Ratio Lower Upper

128 100

49 139.0 0.0 338.5

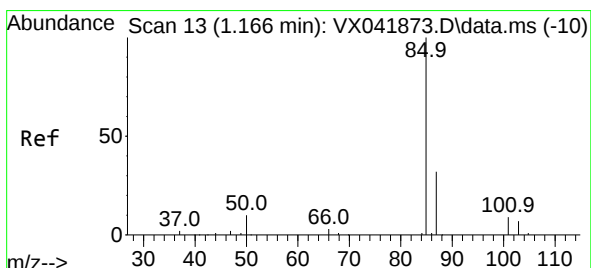
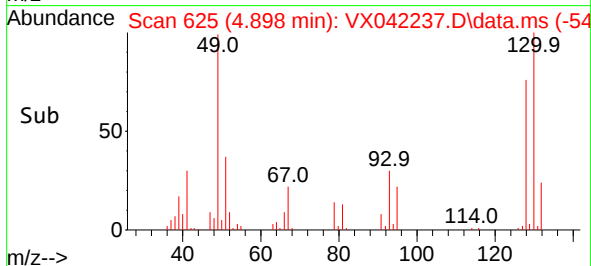
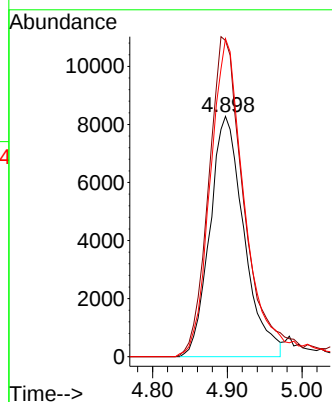
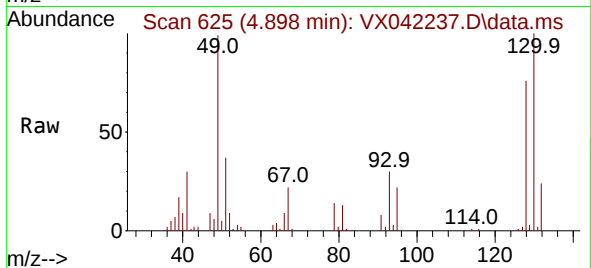
130 132.1 0.0 324.5

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 07/10/2024



#2

Dichlorodifluoromethane

Concen: 21.395 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX042237.D

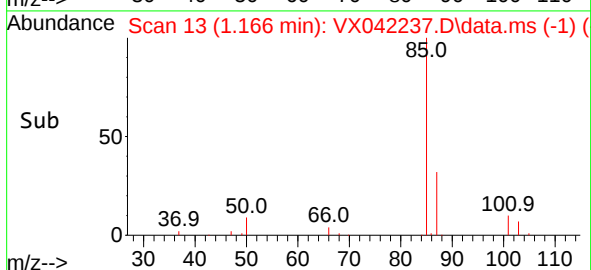
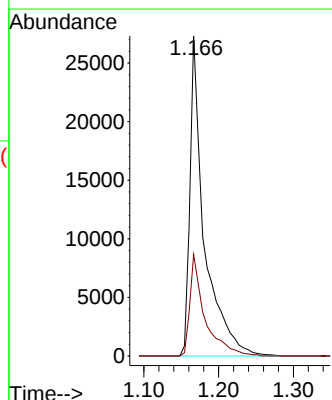
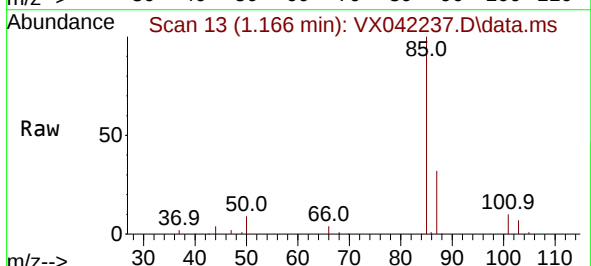
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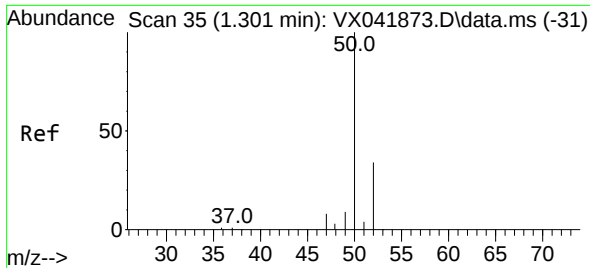
Tgt Ion: 85 Resp: 36332

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.3





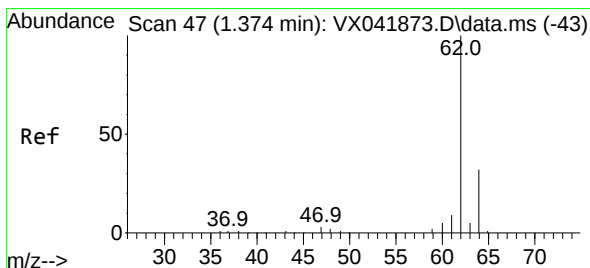
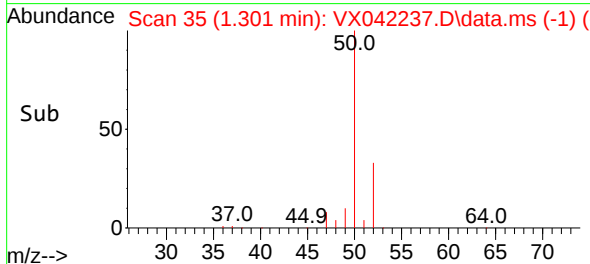
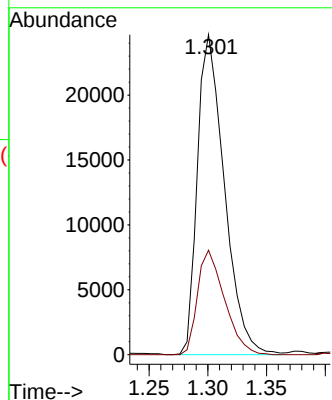
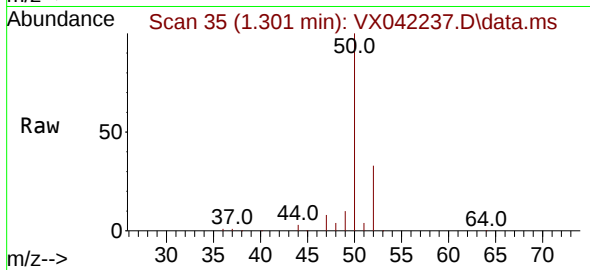
#3
Chloromethane
Concen: 20.781 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042237.D
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ClientSampleId :
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Tgt Ion: 50 Resp: 3944
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

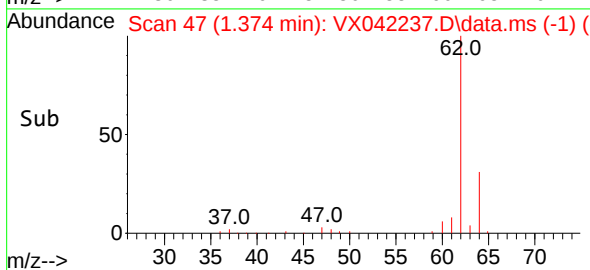
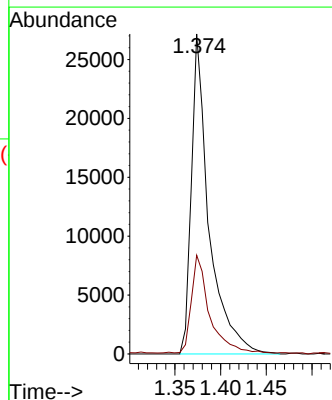
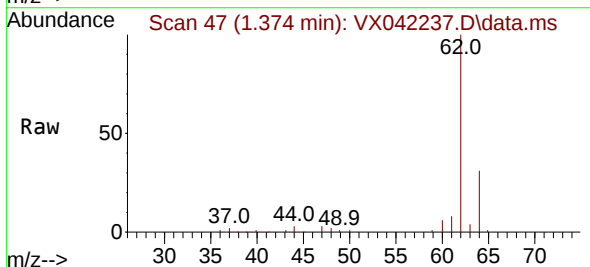
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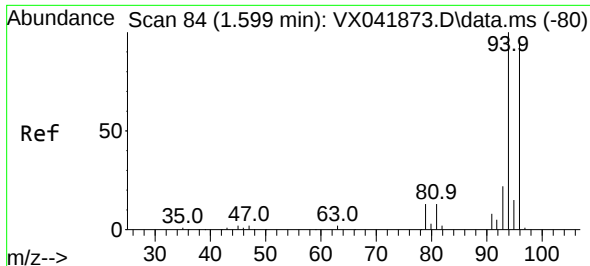
Reviewed By :John Carlone 07/10/2024
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#4
Vinyl Chloride
Concen: 19.572 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

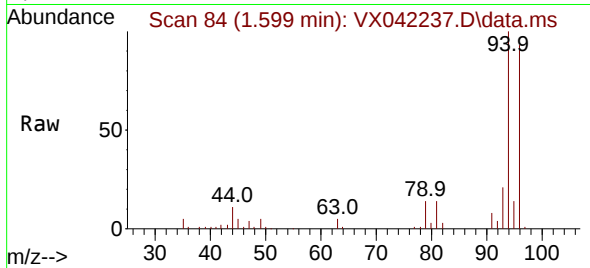
Tgt Ion: 62 Resp: 36332
Ion Ratio Lower Upper
62 100
64 30.5 26.1 39.1





#5
Bromomethane
Concen: 20.037 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

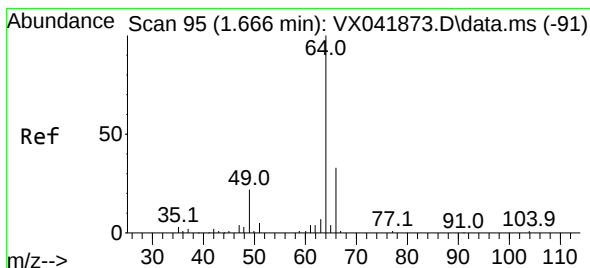
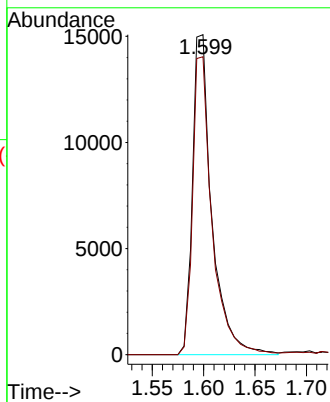
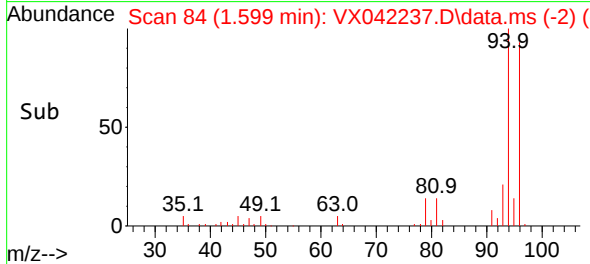
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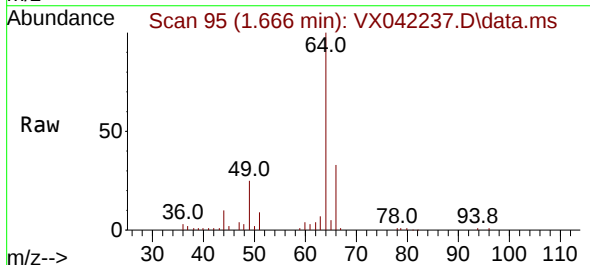
Tgt Ion: 94 Resp: 1988
Ion Ratio Lower Upper
94 100
96 93.1 76.6 115.0

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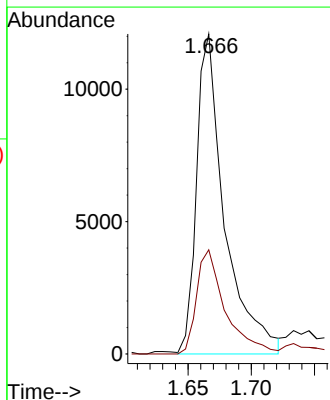
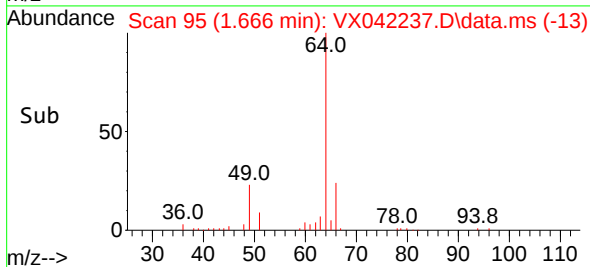
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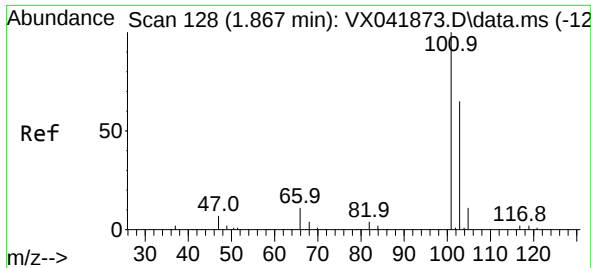


#6
Chloroethane
Concen: 23.487 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX042237.D
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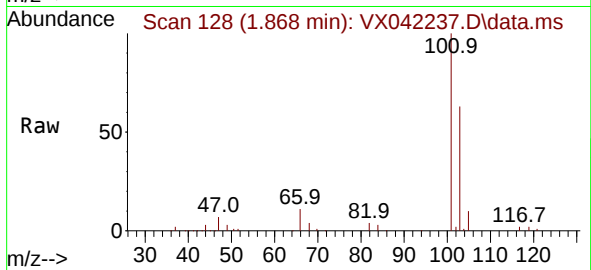
Tgt Ion: 64 Resp: 18628
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 22.154 ug/l
 RT: 1.868 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VX042237.D
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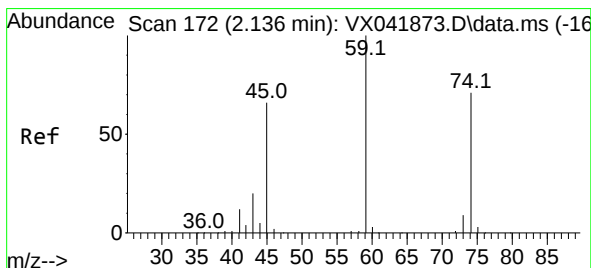
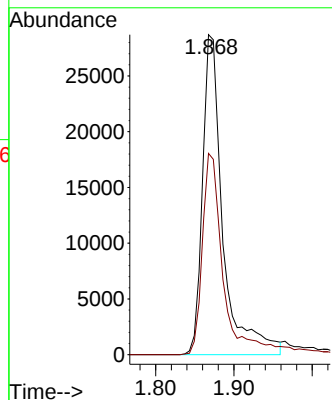
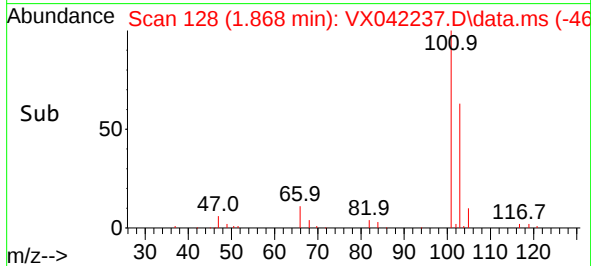
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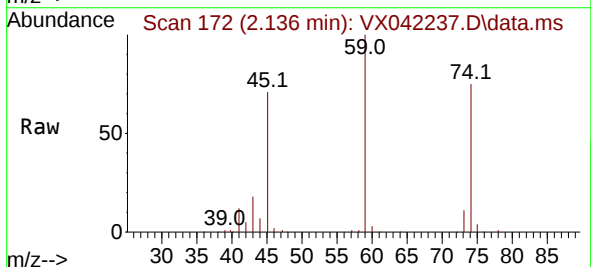
Tgt Ion:101 Resp: 5179
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.8

Manual Integrations
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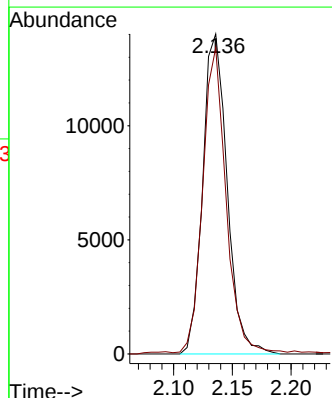
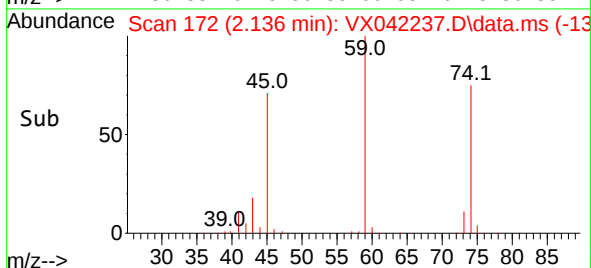
Reviewed By :John Carlone 07/10/2024
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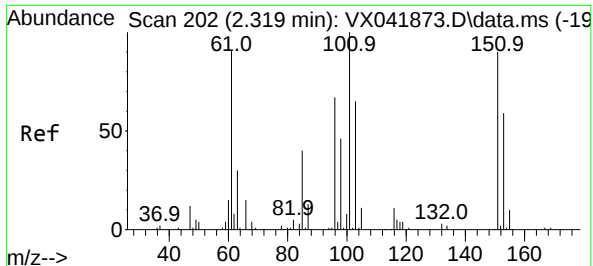


#8
 Diethyl Ether
 Concen: 20.084 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX042237.D
 Acq: 09 Jul 2024 09:41



Tgt Ion: 74 Resp: 20320
 Ion Ratio Lower Upper
 74 100
 45 90.6 18.7 168.7





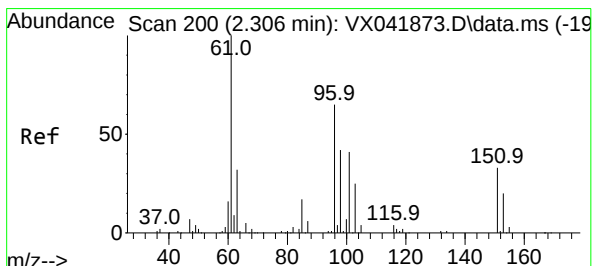
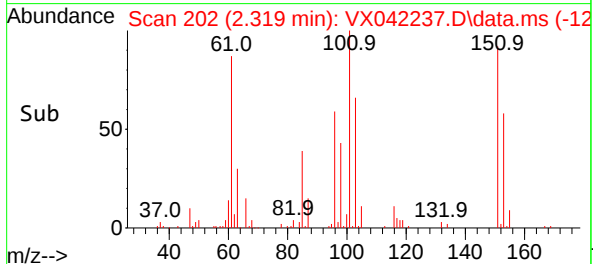
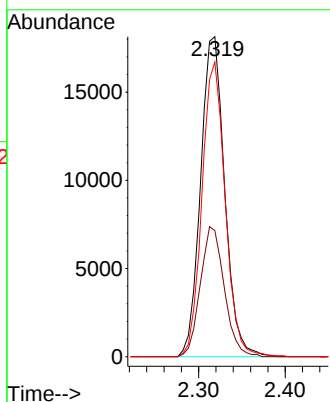
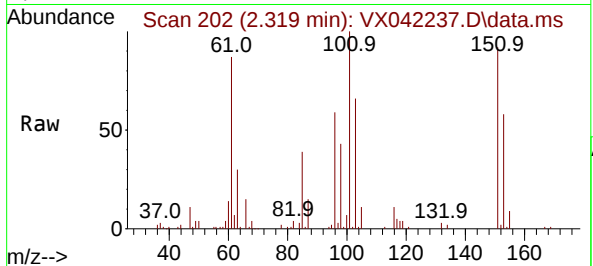
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1,1,2-Trichlorotrifluoroethane
Concen: 22.077 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

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Tgt Ion: 101 Resp: 3508
Ion Ratio Lower Upper
101 100
85 40.3 0.0 80.4
151 88.6 0.0 175.2

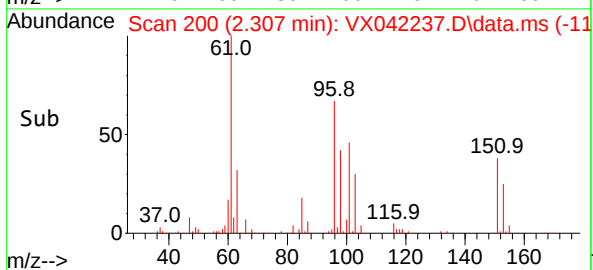
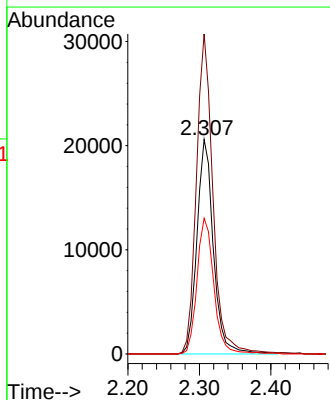
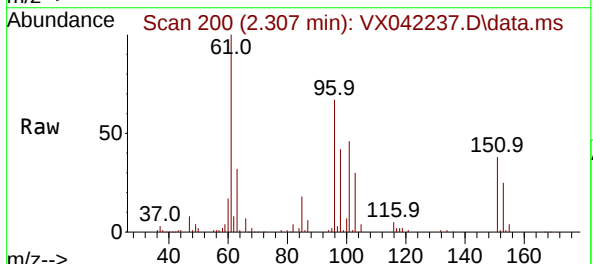
Manual Integrations
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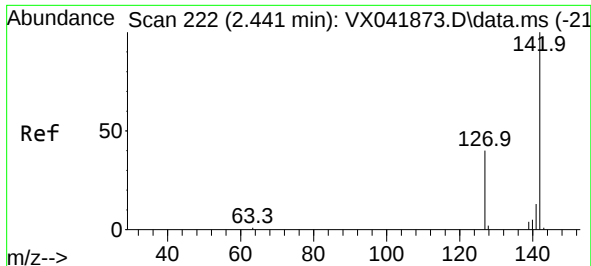
Reviewed By : John Carlone 07/10/2024
Supervised By : Mahesh Dadoda 07/10/2024



#10
1,1-Dichloroethene
Concen: 20.580 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 96 Resp: 32994
Ion Ratio Lower Upper
96 100
61 149.2 122.3 183.5
98 63.2 51.5 77.3





#11
Methyl Iodide
Concen: 18.260 ug/l
RT: 2.441 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

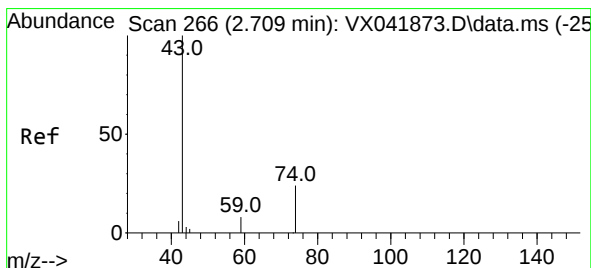
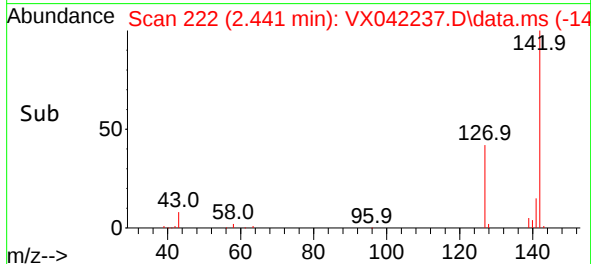
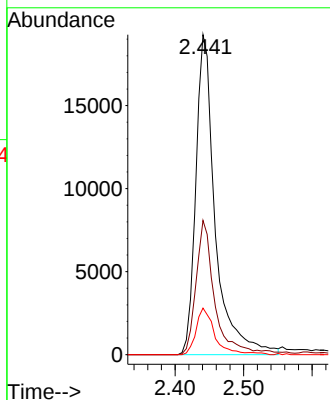
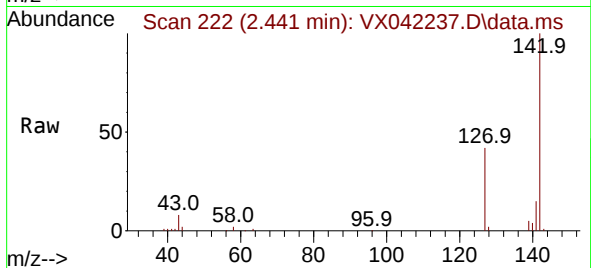
Tgt Ion:142 Resp: 3810
Ion Ratio Lower Upper
142 100
127 42.0 19.8 59.3
141 14.5 6.7 20.1

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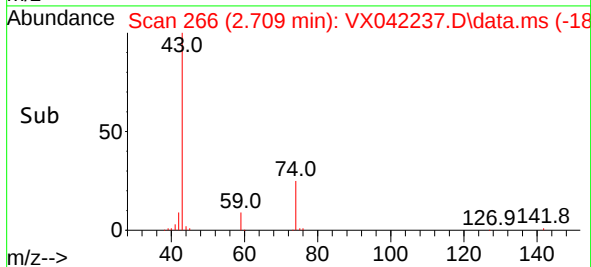
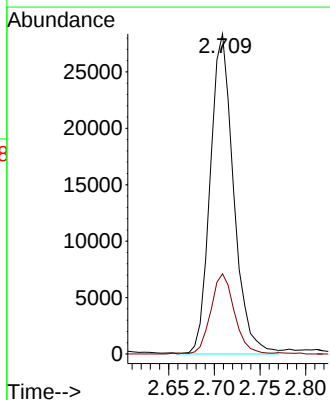
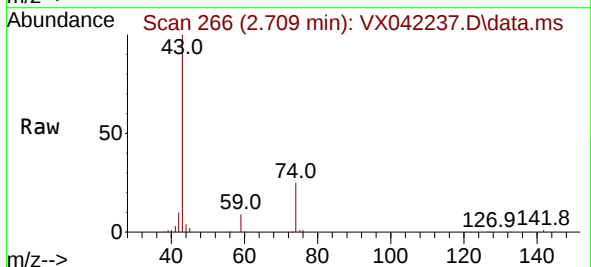
Reviewed By :John Carlone 07/10/2024

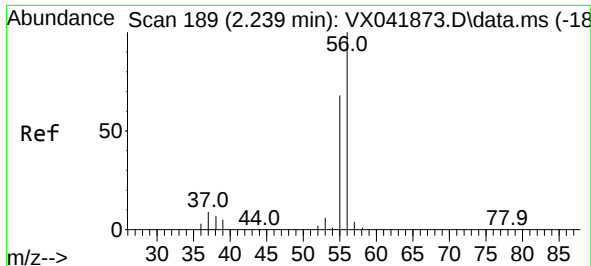
Supervised By :Mahesh Dadoda 07/10/2024



#12
Methyl Acetate
Concen: 24.704 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

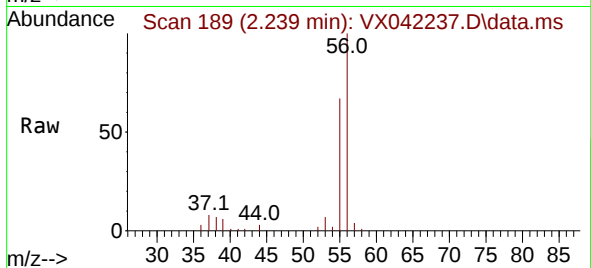
Tgt Ion: 43 Resp: 50496
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2





#13
Acrolein
Concen: 61.661 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

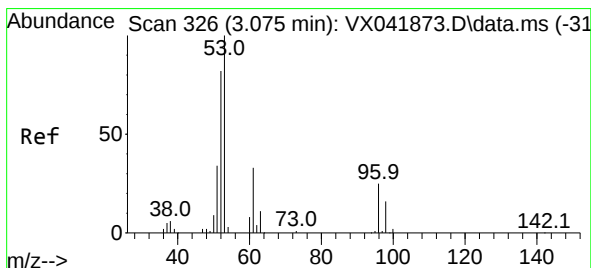
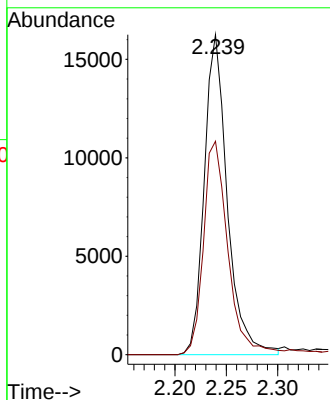
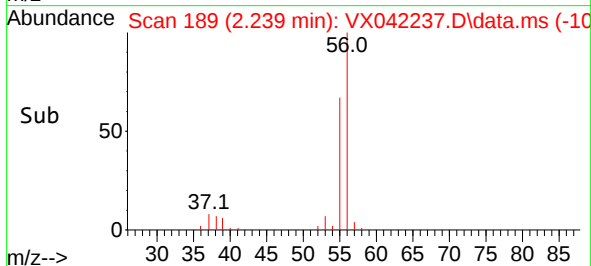
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



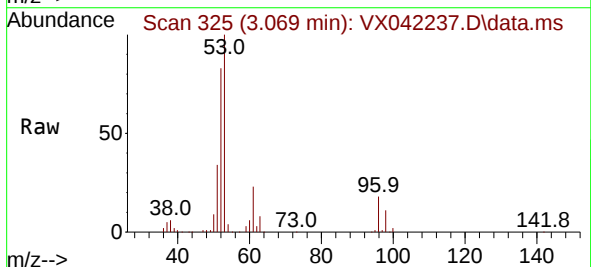
Tgt Ion: 56 Resp: 2541
Ion Ratio Lower Upper
56 100
55 70.5 55.4 83.0

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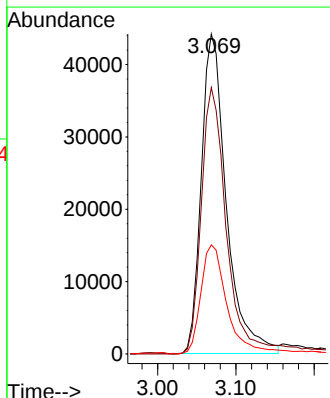
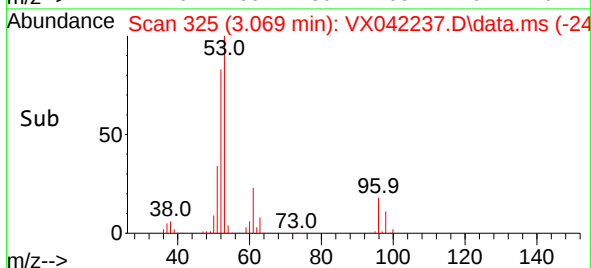
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

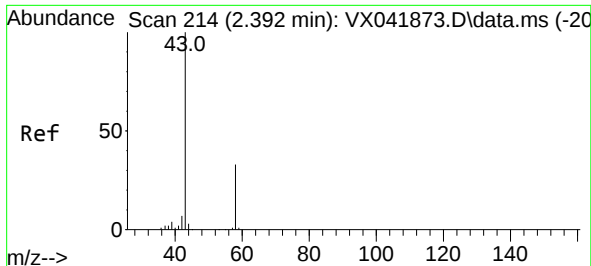


#14
Acrylonitrile
Concen: 101.209 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



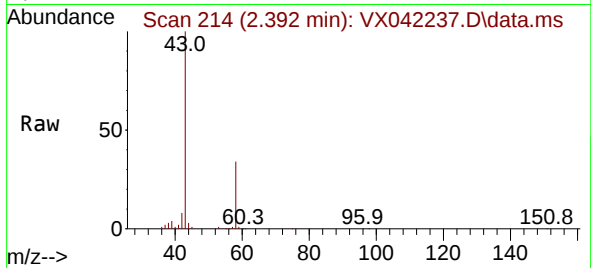
Tgt Ion: 53 Resp: 98187
Ion Ratio Lower Upper
53 100
52 82.3 39.9 119.7
51 36.0 17.4 52.3





#15
Acetone
Concen: 113.027 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

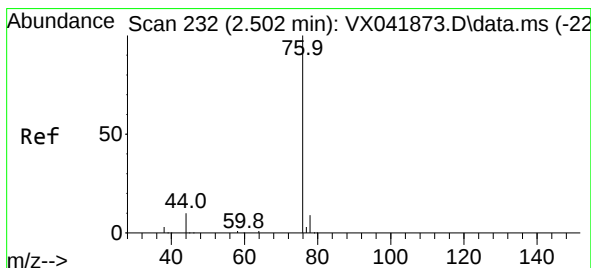
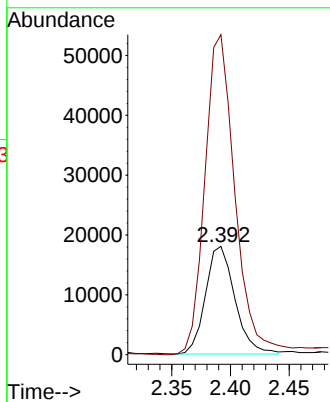
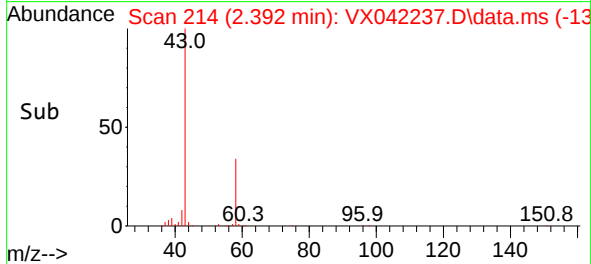
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 31368
Ion Ratio Lower Upper
58 100
43 296.3 243.4 365.2

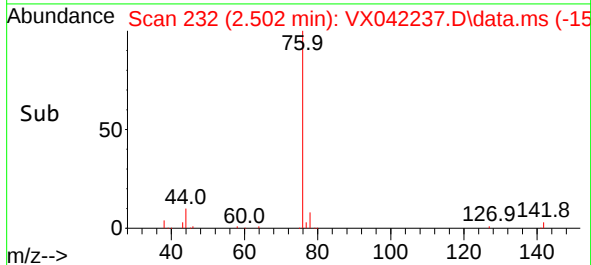
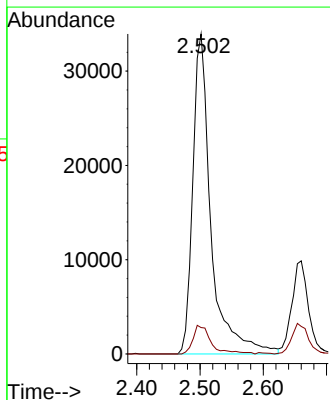
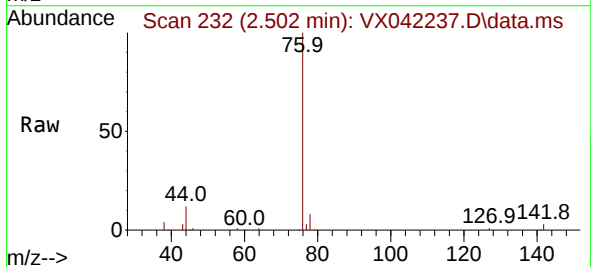
Manual Integrations
APPROVED

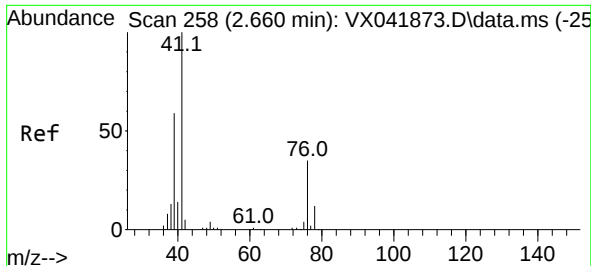
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#16
Carbon Disulfide
Concen: 19.293 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 76 Resp: 67786
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9





#17

Allyl chloride

Concen: 21.170 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

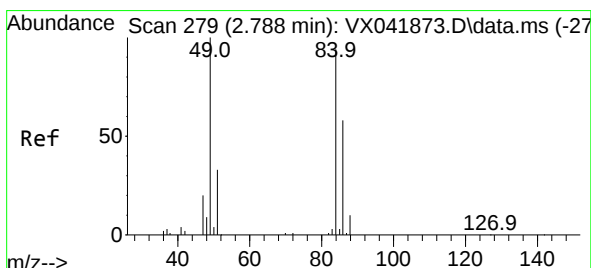
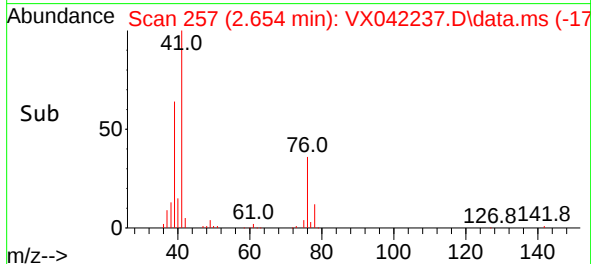
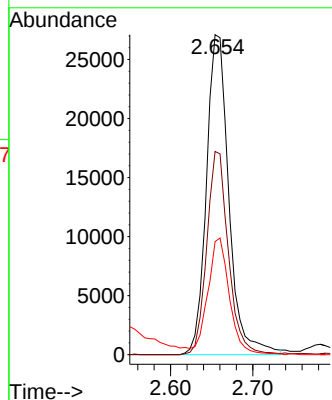
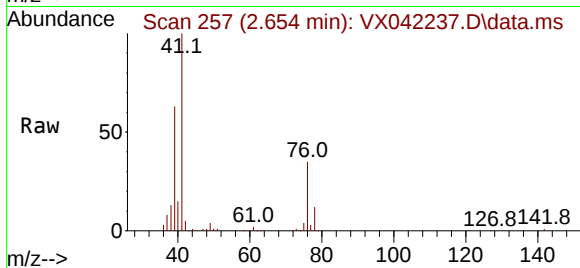
Tgt Ion:	41	Resp:	51540
Ion	Ratio	Lower	Upper
41	100		
39	63.5	29.6	88.8
76	35.1	18.1	54.4

Manual Integrations

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Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#18

Methylene Chloride

Concen: 21.312 ug/l

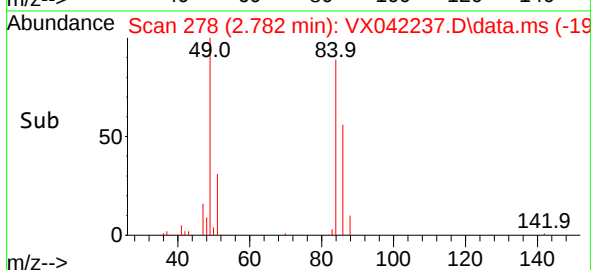
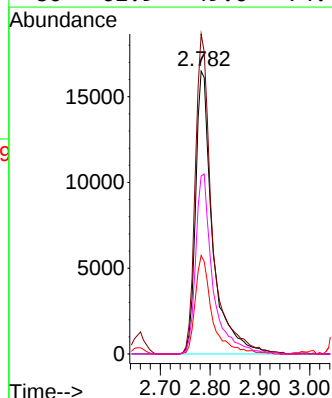
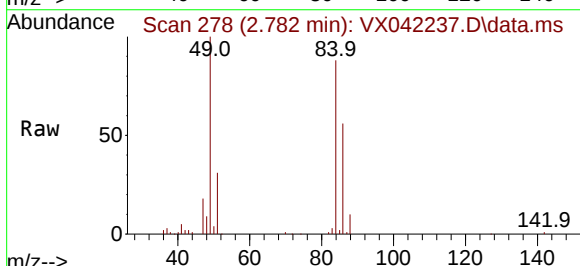
RT: 2.782 min Scan# 278

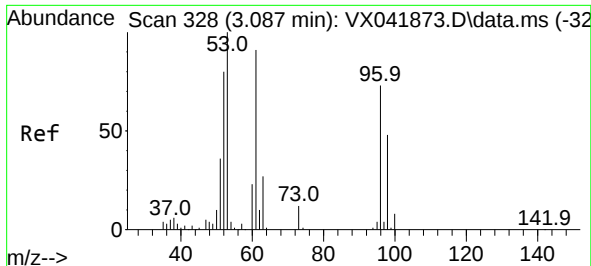
Delta R.T. -0.006 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

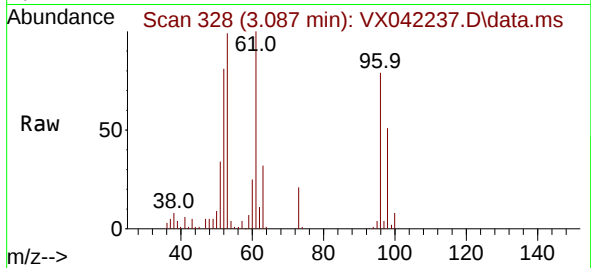
Tgt Ion:	84	Resp:	39191
Ion	Ratio	Lower	Upper
84	100		
49	113.2	85.3	127.9
51	34.8	28.5	42.7
86	62.9	49.6	74.4





#19
trans-1,2-Dichloroethene
Concen: 20.725 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

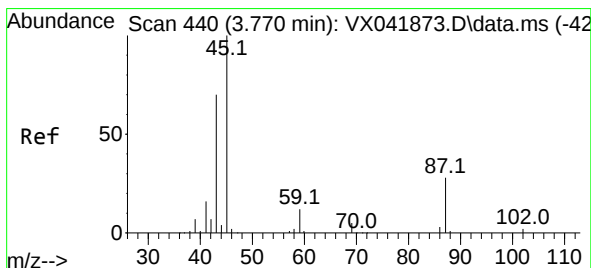
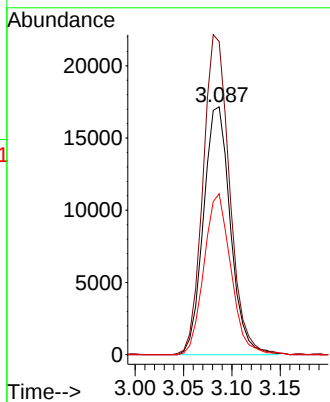
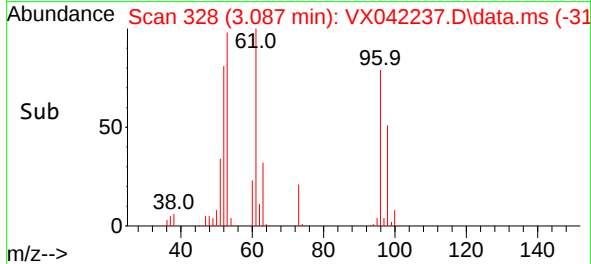
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 33284
Ion Ratio Lower Upper
96 100
61 125.8 100.1 150.1
98 64.9 52.1 78.1

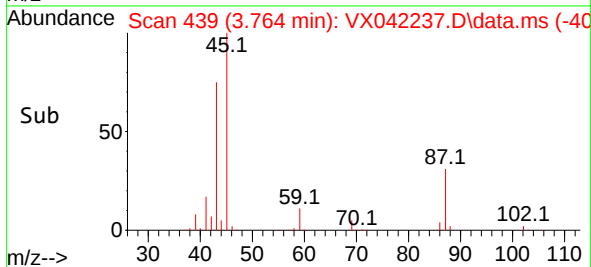
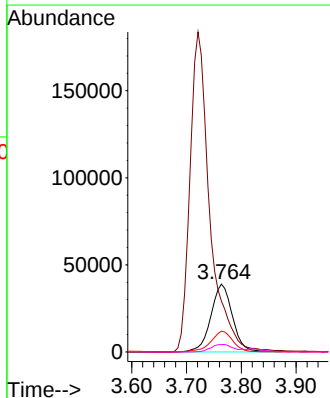
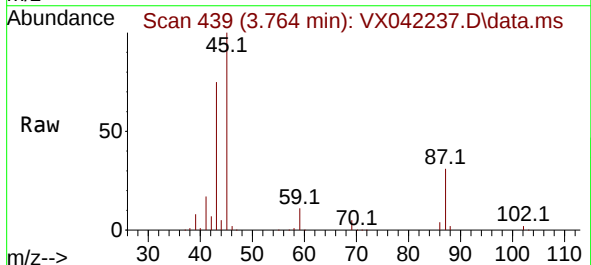
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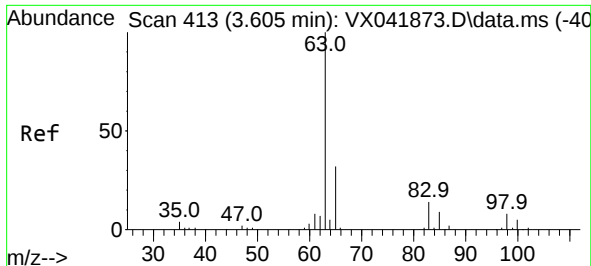
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#20
Diisopropyl ether
Concen: 21.300 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 45 Resp: 106599
Ion Ratio Lower Upper
45 100
43 72.7 55.8 83.8
87 30.7 22.6 34.0
59 11.0 9.5 14.3





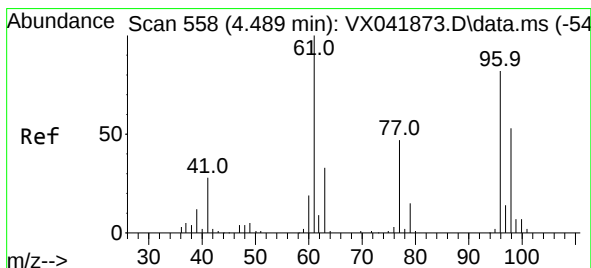
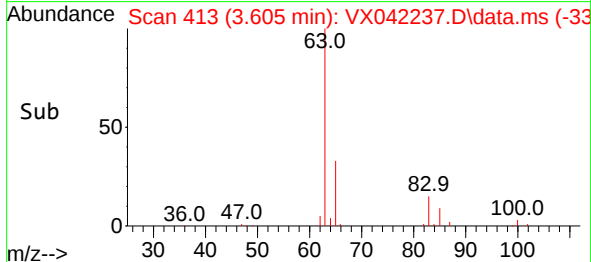
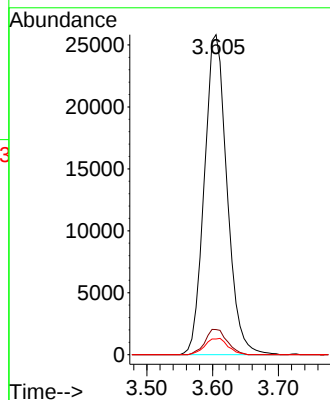
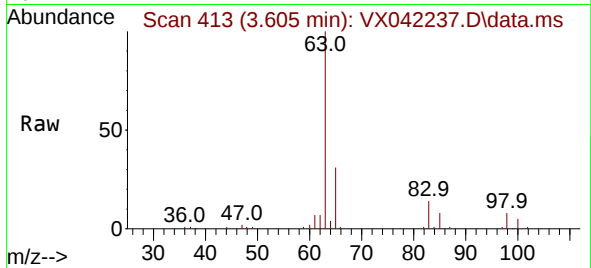
#21
1,1-Dichloroethane
Concen: 21.661 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 61924
Ion Ratio Lower Upper
63 100
98 7.8 4.2 12.4
100 4.9 2.5 7.4

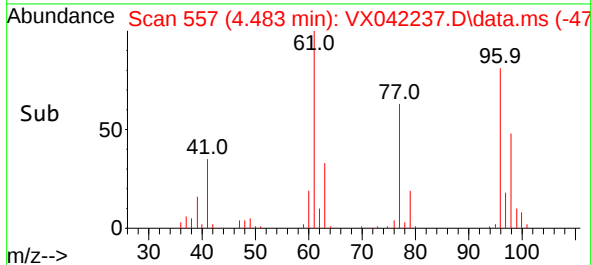
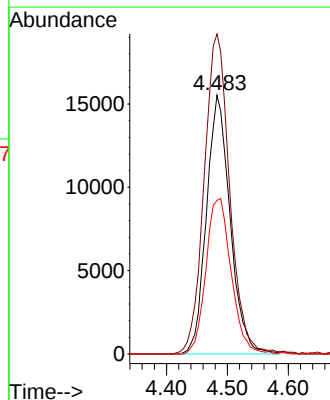
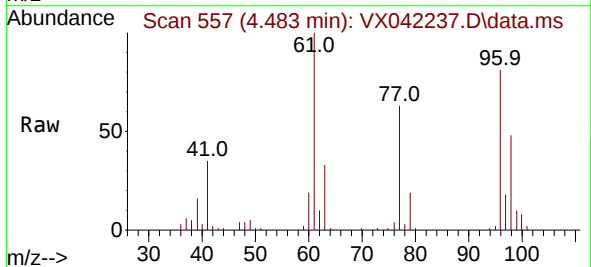
Manual Integrations
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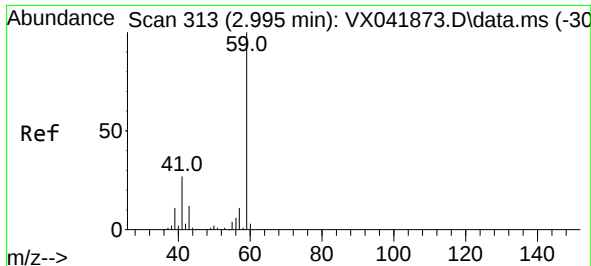
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#22
cis-1,2-Dichloroethene
Concen: 21.595 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

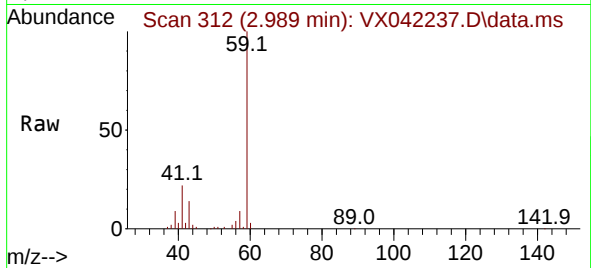
Tgt Ion: 96 Resp: 41982
Ion Ratio Lower Upper
96 100
61 132.5 103.3 154.9
98 63.6 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 95.790 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

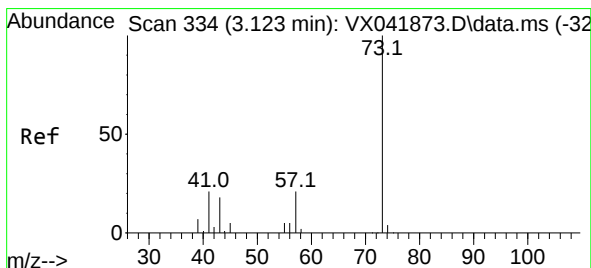
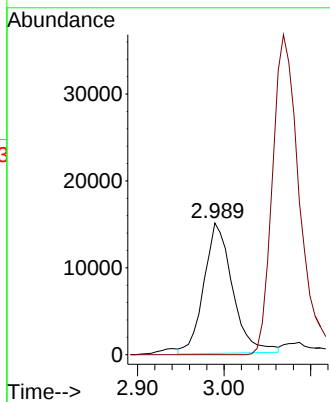
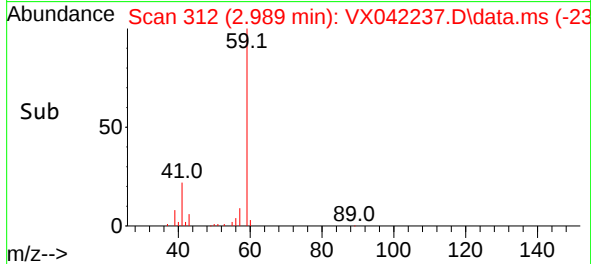
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 34550
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

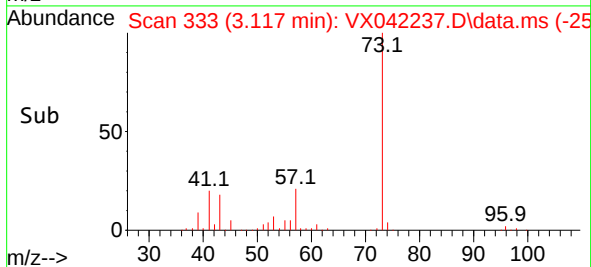
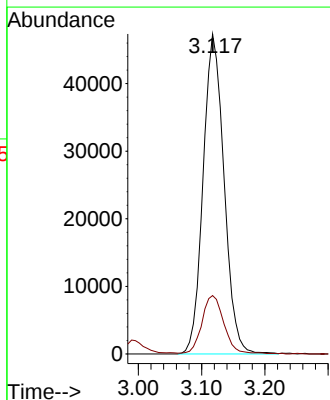
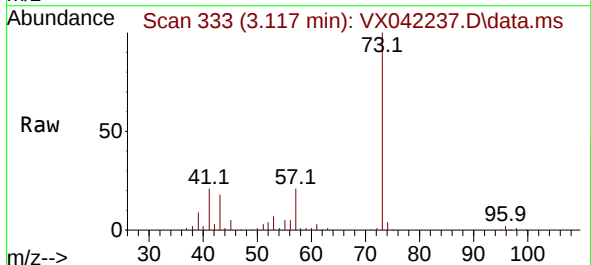
Manual Integrations
APPROVED

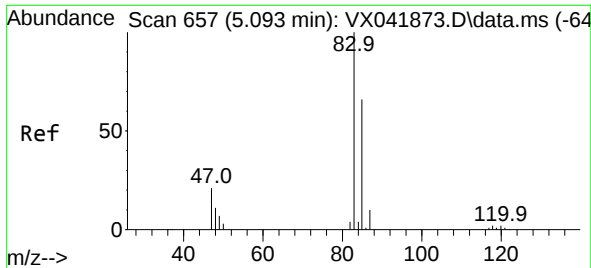
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#24
Methyl tert-Butyl Ether
Concen: 22.003 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 73 Resp: 109120
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7





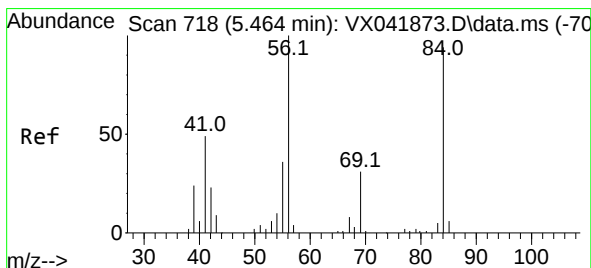
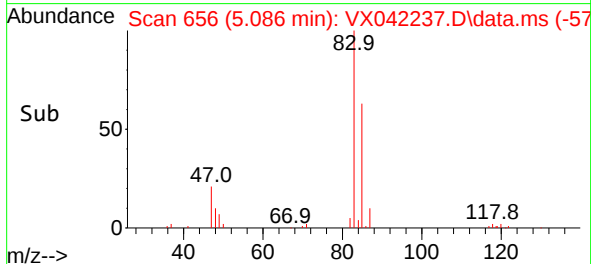
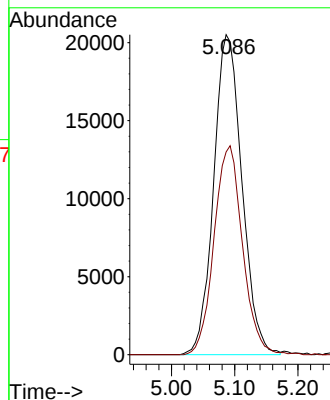
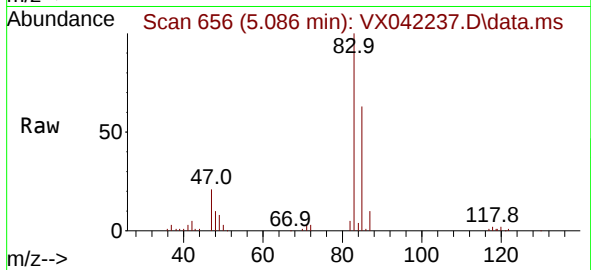
#25
Chloroform
Concen: 21.900 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 63620
Ion Ratio Lower Upper
83 100
85 63.4 52.7 79.1

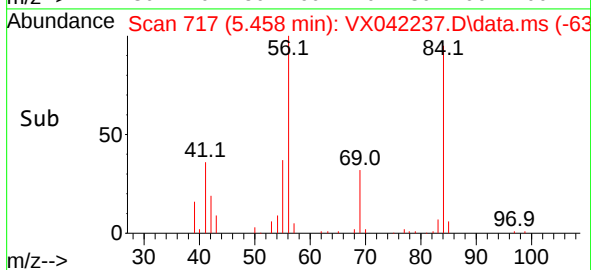
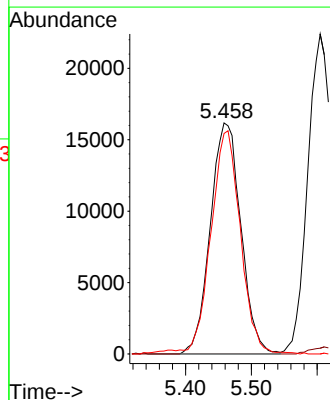
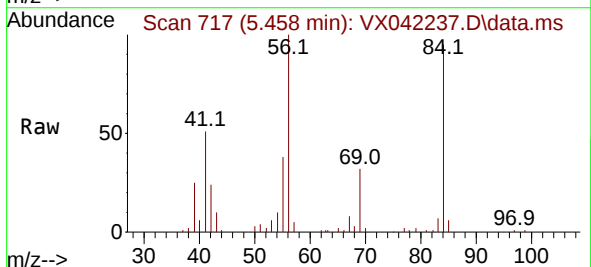
Manual Integrations
APPROVED

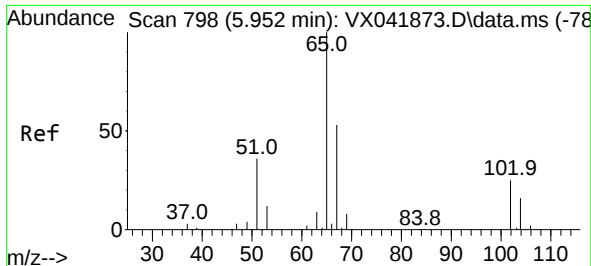
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#26
Cyclohexane
Concen: 21.038 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 56 Resp: 52237
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.1 73.1 109.7





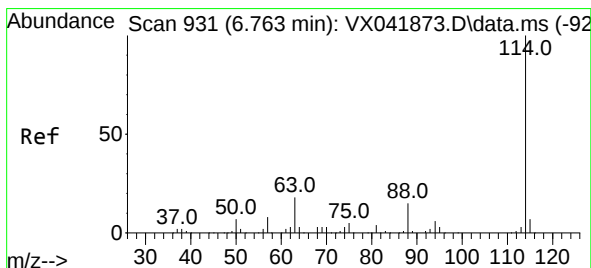
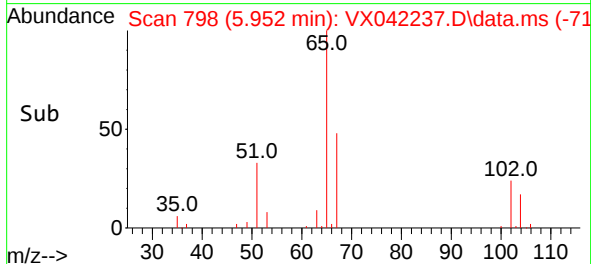
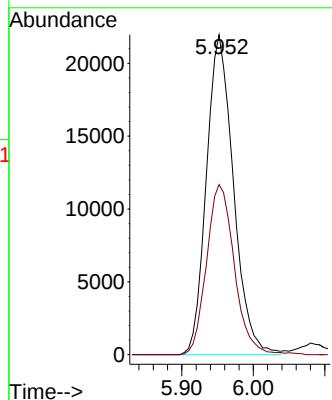
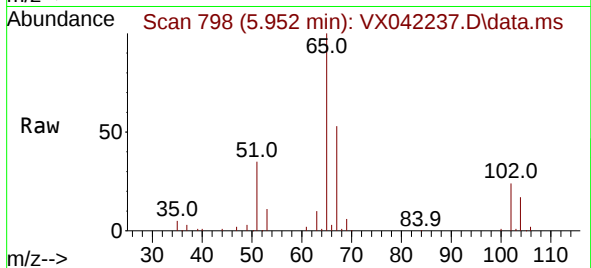
#27
1,2-Dichloroethane-d4
Concen: 31.949 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 5769
Ion Ratio Lower Upper
65 100
67 54.4 43.4 65.0

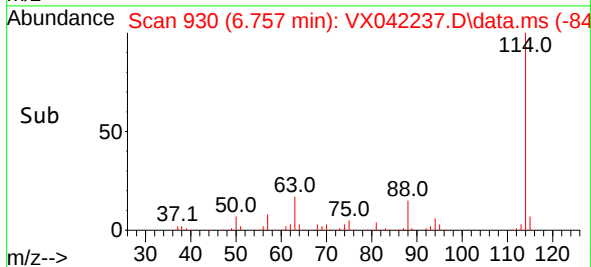
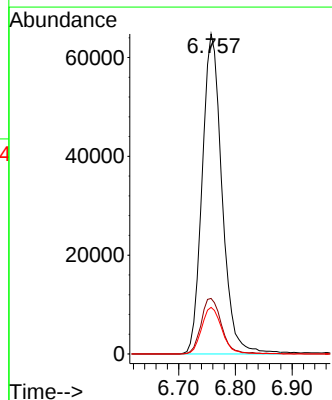
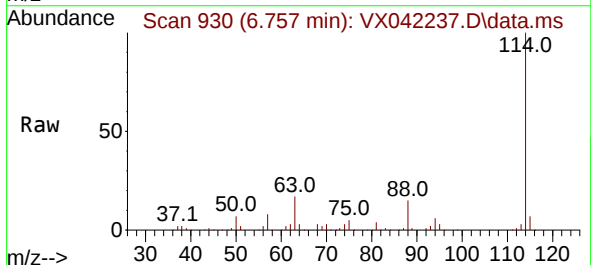
Manual Integrations
APPROVED

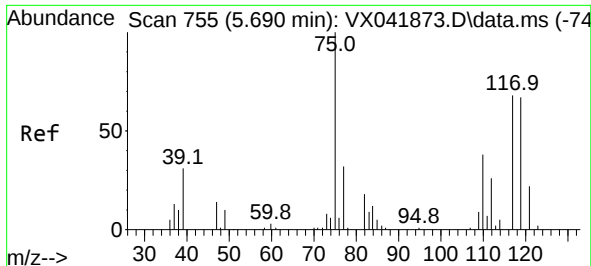
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion:114 Resp: 157553
Ion Ratio Lower Upper
114 100
63 17.7 14.6 21.8
88 14.8 11.8 17.8





#29
1,1-Dichloropropene
Concen: 20.441 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

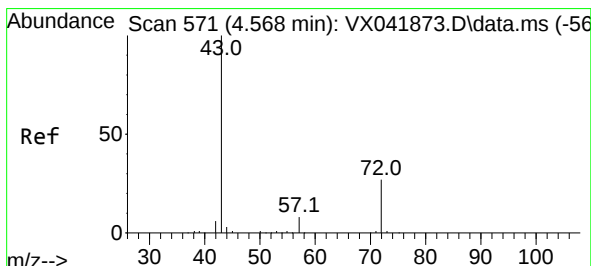
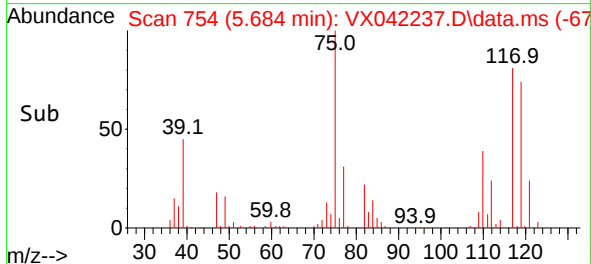
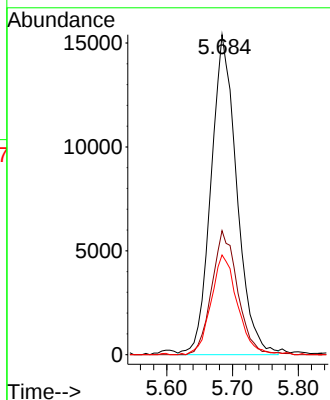
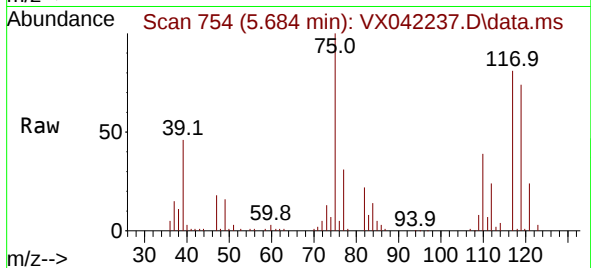
ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 4203
Ion Ratio Lower Upper
75 100
110 38.6 0.0 80.2
77 31.7 0.0 65.2

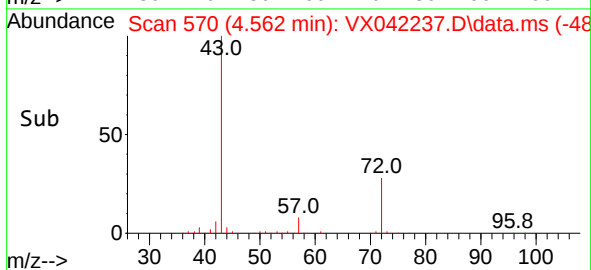
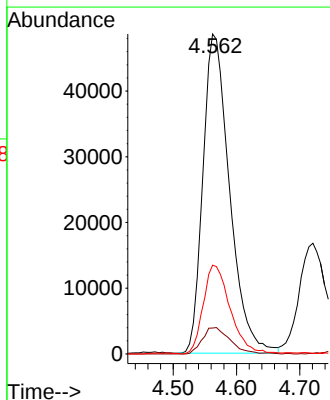
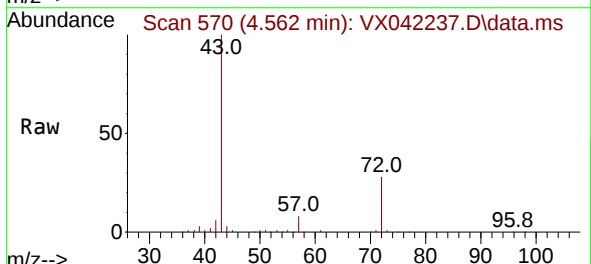
Manual Integrations
APPROVED

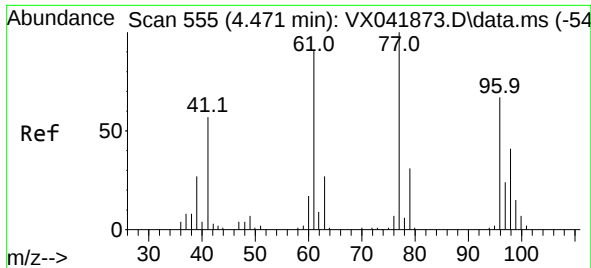
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#30
2-Butanone
Concen: 103.576 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 43 Resp: 142312
Ion Ratio Lower Upper
43 100
57 8.6 6.5 9.7
72 27.7 22.0 33.0





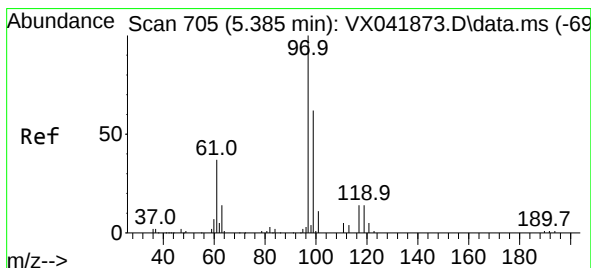
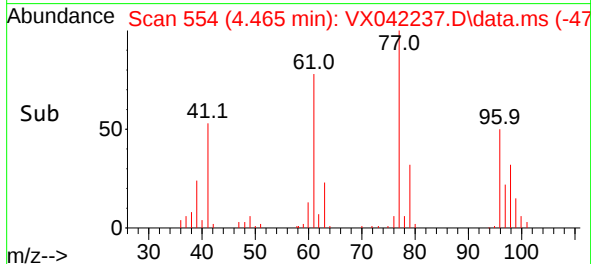
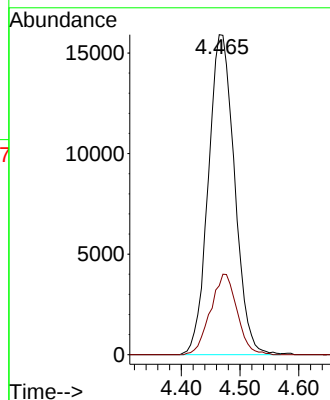
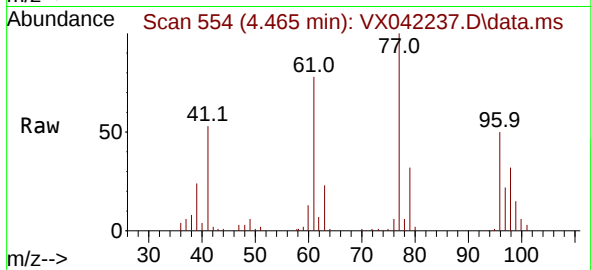
#31
2,2-Dichloropropane
Concen: 21.926 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 49404
Ion Ratio Lower Upper
77 100
97 25.4 20.2 30.2

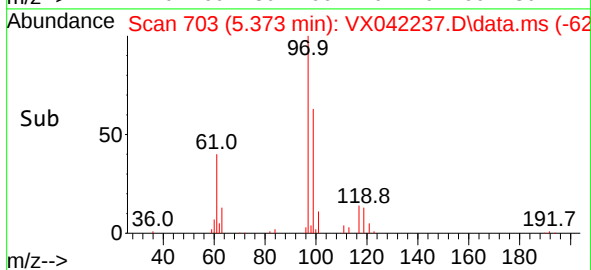
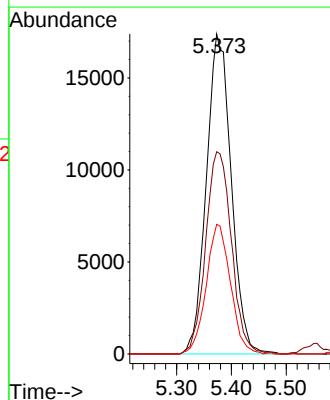
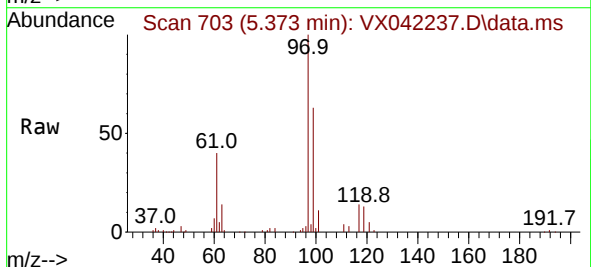
Manual Integrations
APPROVED

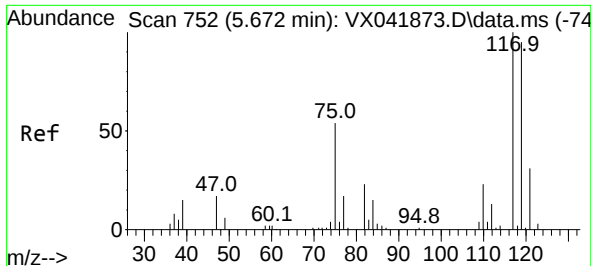
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#32
1,1,1-Trichloroethane
Concen: 21.045 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

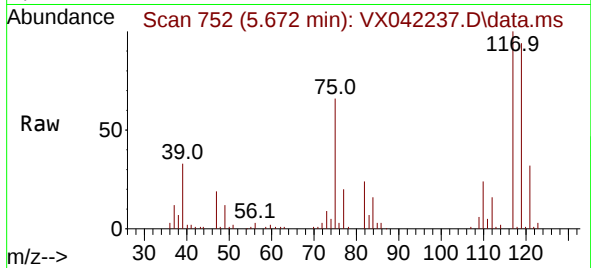
Tgt Ion: 97 Resp: 54856
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 39.5 31.7 47.5





#33
Carbon Tetrachloride
Concen: 21.407 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

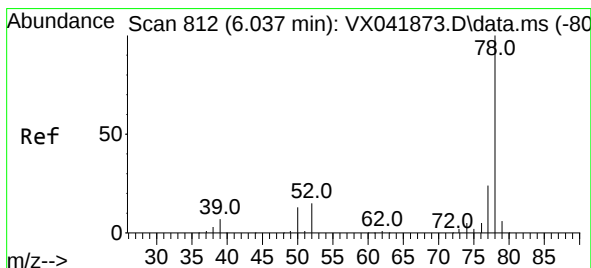
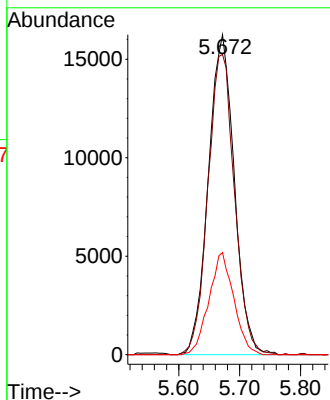
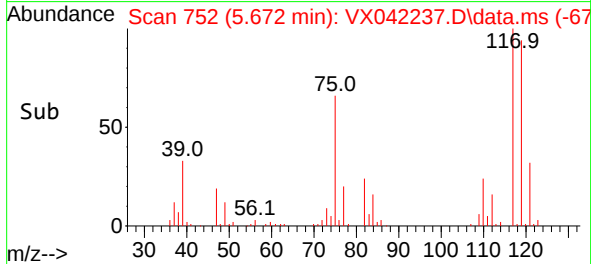
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



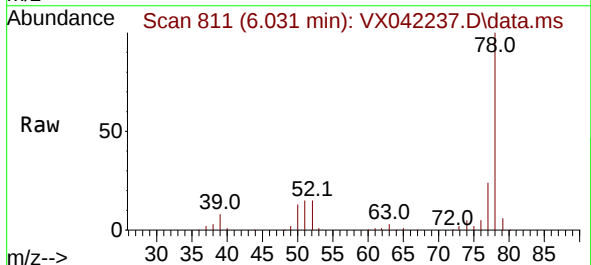
Tgt Ion: 117 Resp: 48120
Ion Ratio Lower Upper
117 100
119 93.8 75.7 113.5
121 31.9 24.9 37.3

Manual Integrations
APPROVED

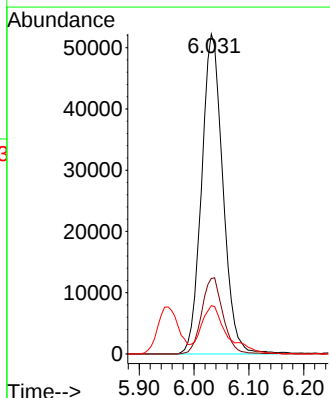
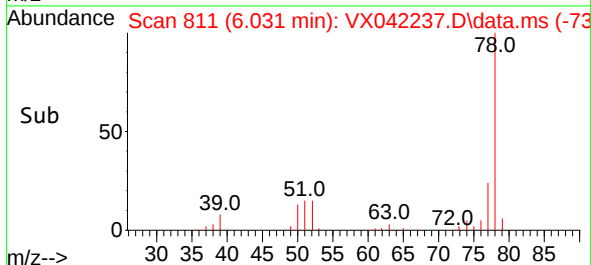
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

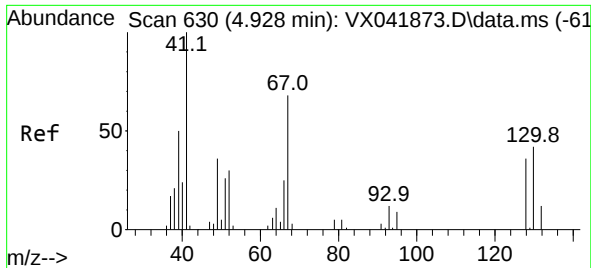


#34
Benzene
Concen: 20.540 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



Tgt Ion: 78 Resp: 140701
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 14.9 11.8 17.8





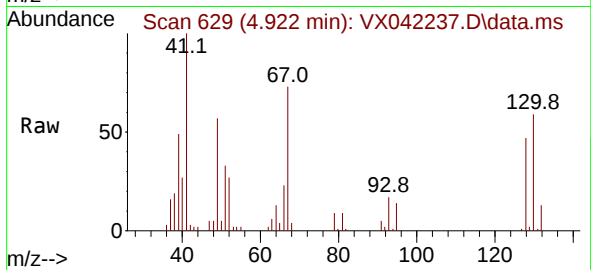
#35
Methacrylonitrile
Concen: 20.083 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



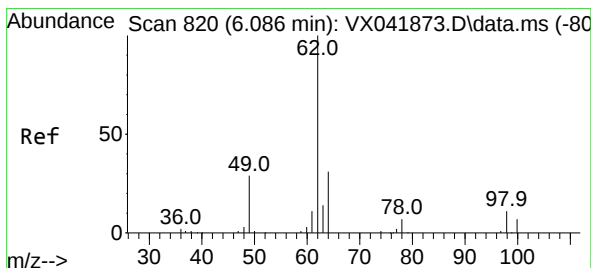
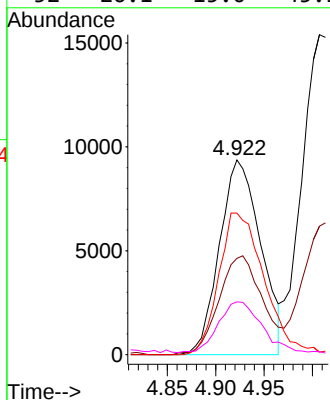
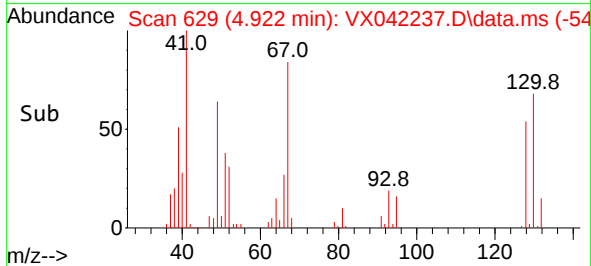
Tgt Ion: 41 Resp: 27710
Ion Ratio Lower Upper
41 100
39 48.6 25.2 75.6
67 72.7 34.2 102.5
52 26.1 15.0 45.1

Manual Integrations

APPROVED

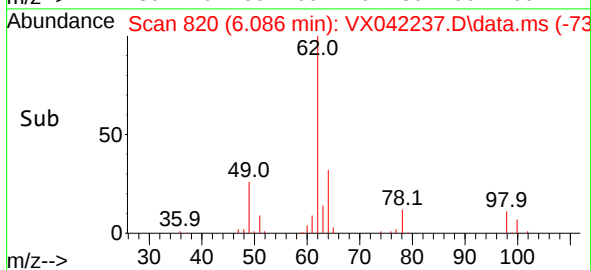
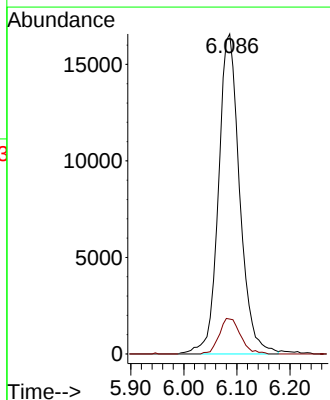
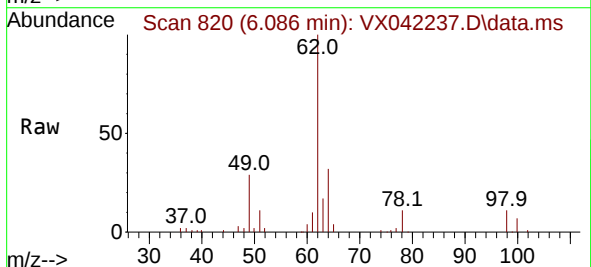
Reviewed By :John Carlone 07/10/2024

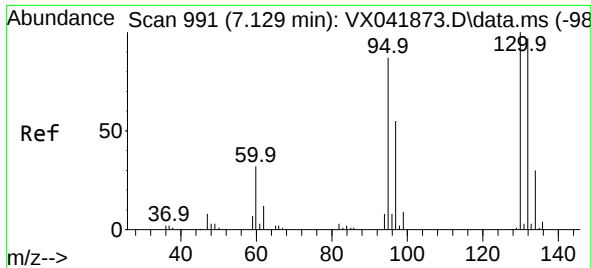
Supervised By :Mahesh Dadoda 07/10/2024



#36
1,2-Dichloroethane
Concen: 21.552 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 62 Resp: 45992
Ion Ratio Lower Upper
62 100
98 11.0 9.1 13.7





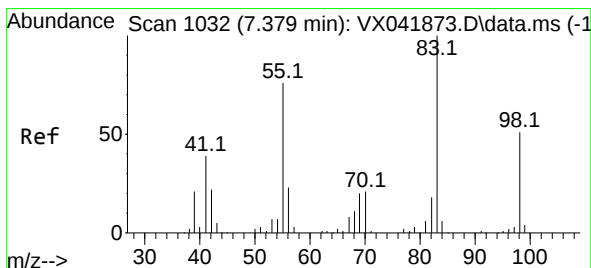
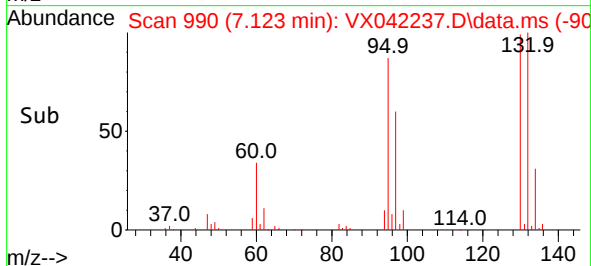
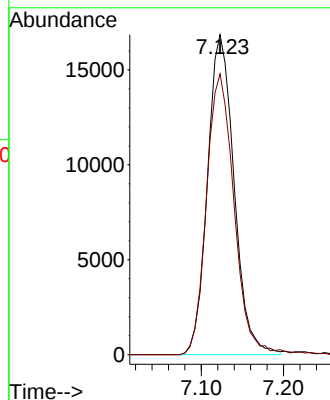
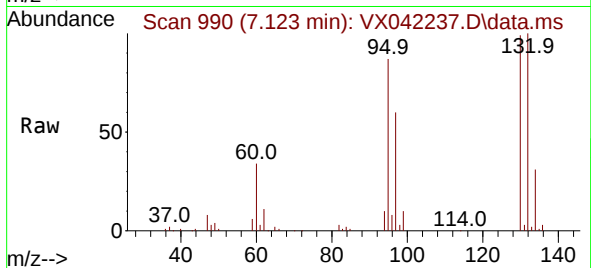
#37
Trichloroethene
Concen: 20.208 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:130 Resp: 3781
Ion Ratio Lower Upper
130 100
95 87.7 69.4 104.0

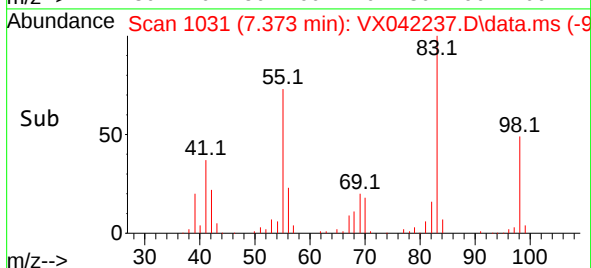
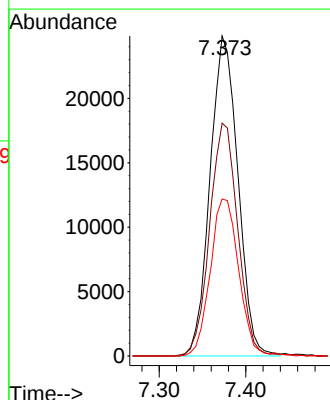
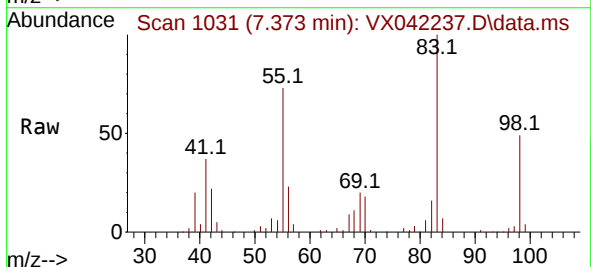
Manual Integrations
APPROVED

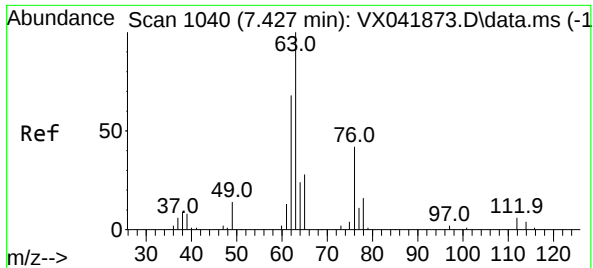
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#38
Methylcyclohexane
Concen: 20.406 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 83 Resp: 55579
Ion Ratio Lower Upper
83 100
55 73.5 37.3 111.9
98 49.8 24.8 74.4





#39

1,2-Dichloropropane

Concen: 20.485 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 33420

Ion Ratio Lower Upper

63 100

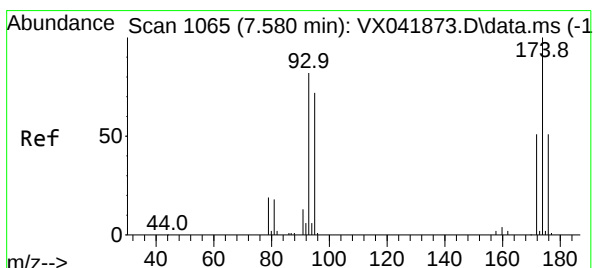
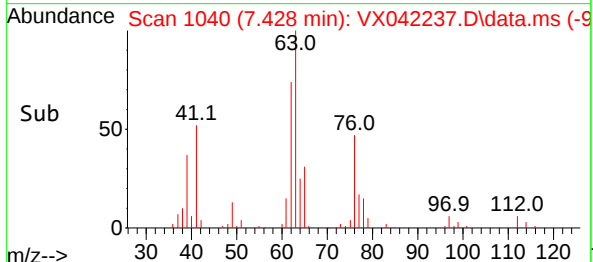
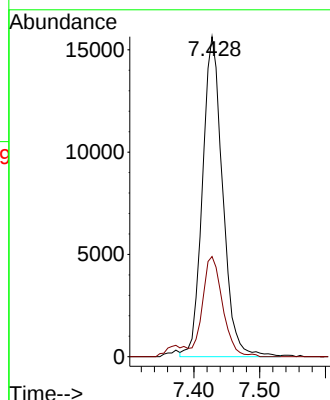
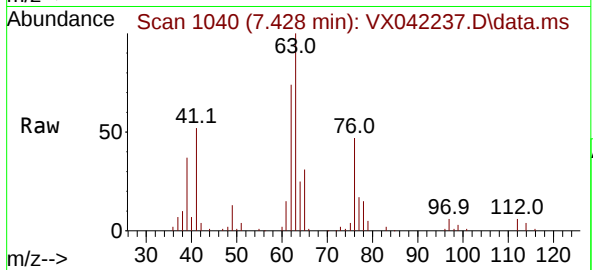
65 31.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#40

Dibromomethane

Concen: 20.528 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

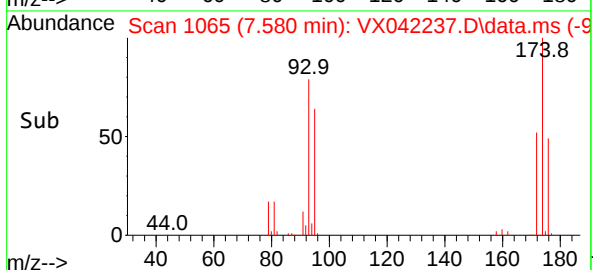
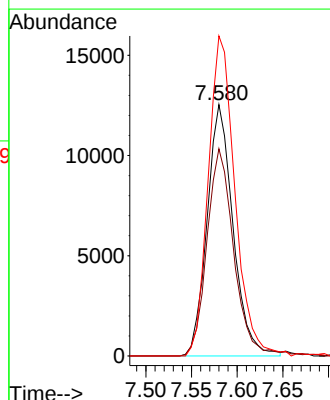
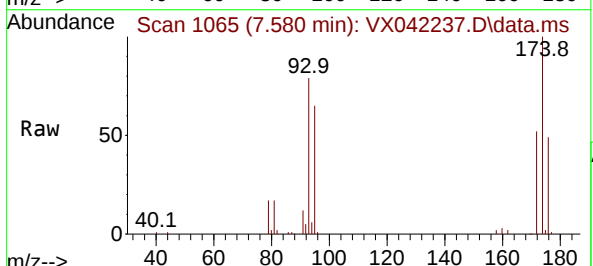
Tgt Ion: 93 Resp: 24779

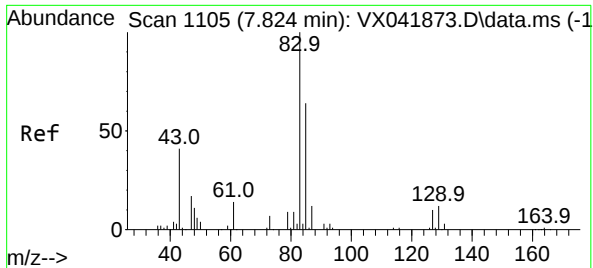
Ion Ratio Lower Upper

93 100

95 84.4 0.0 168.6

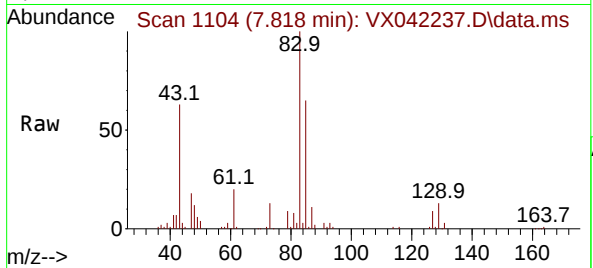
174 130.5 0.0 255.0





#41
Bromodichloromethane
Concen: 21.114 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

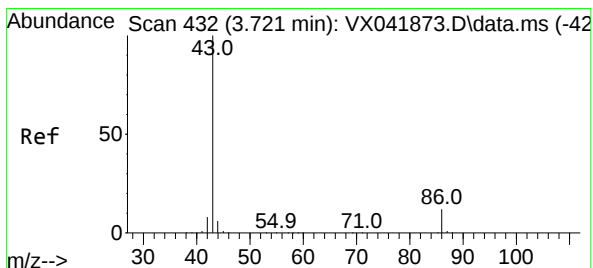
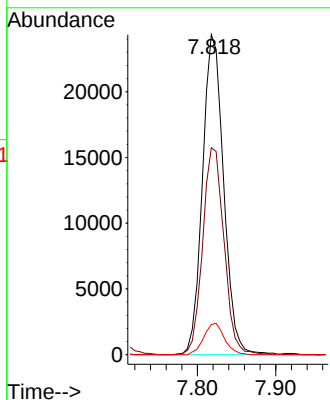
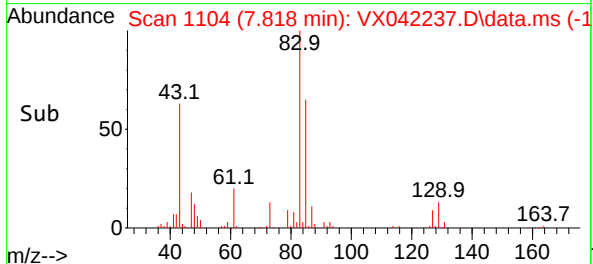
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 45658
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7
127 9.4 8.1 12.1

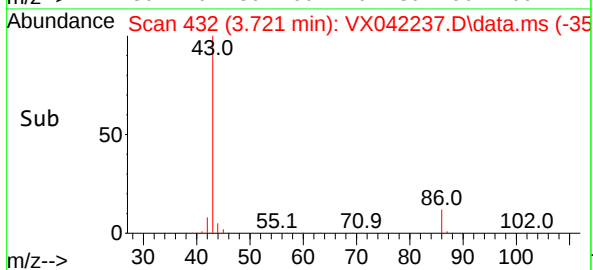
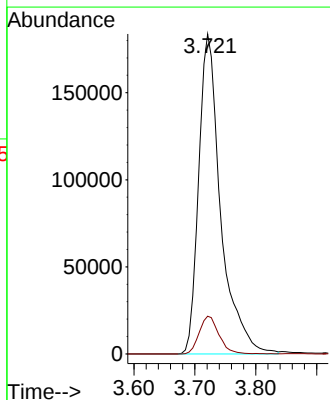
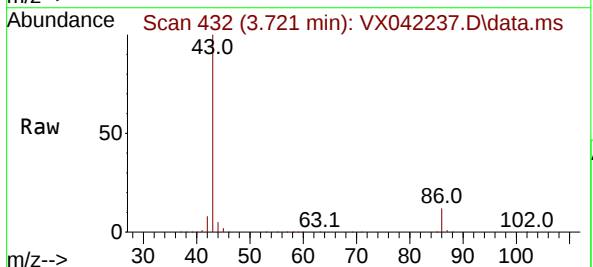
Manual Integrations
APPROVED

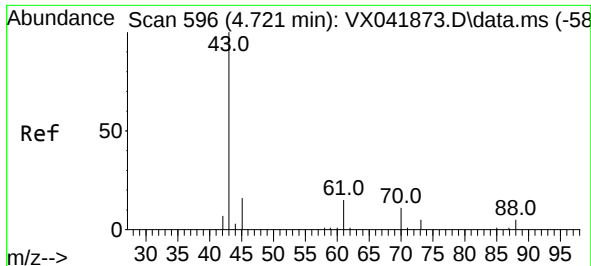
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#42
Vinyl Acetate
Concen: 100.202 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 43 Resp: 460834
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





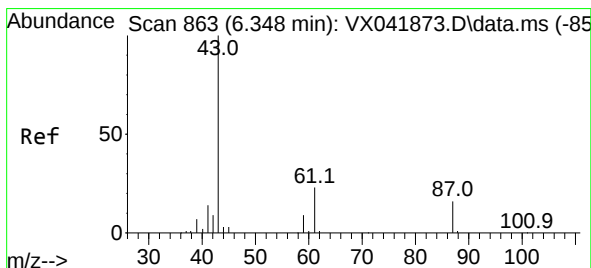
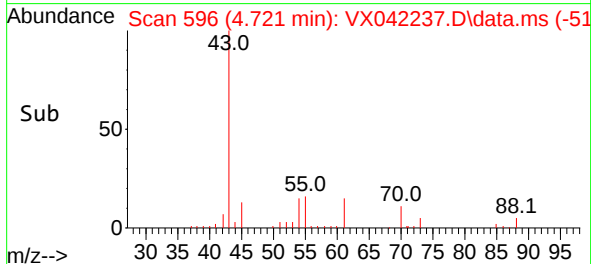
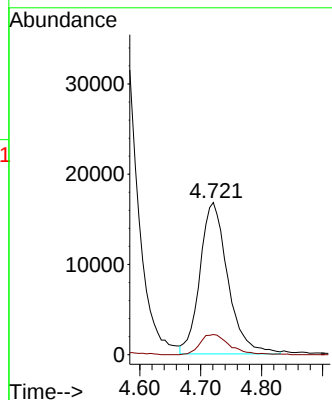
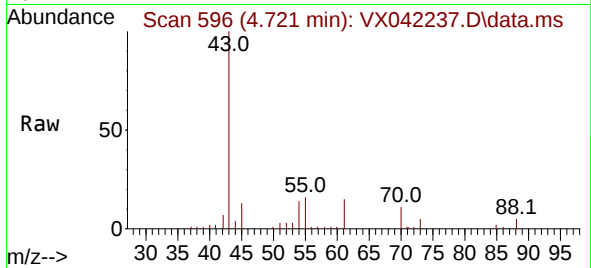
#43
Ethyl Acetate
Concen: 20.700 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 53329
Ion Ratio Lower Upper
43 100
45 13.9 12.4 18.6

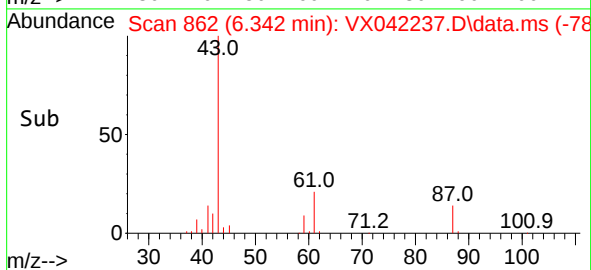
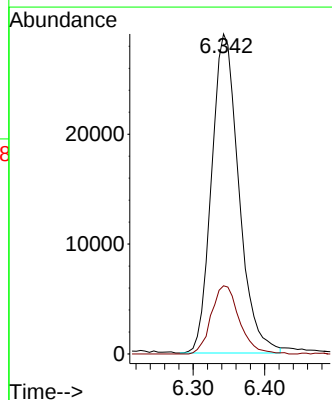
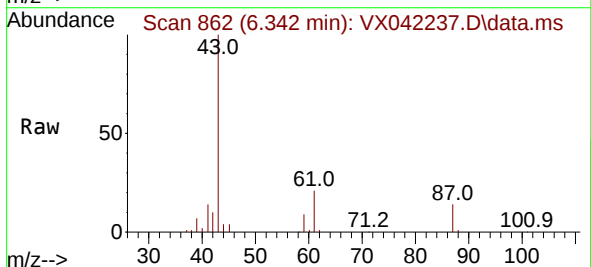
Manual Integrations
APPROVED

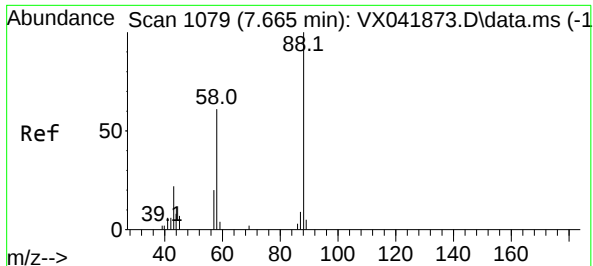
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#44
Isopropyl Acetate
Concen: 19.910 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 43 Resp: 76827
Ion Ratio Lower Upper
43 100
61 21.9 17.4 26.0





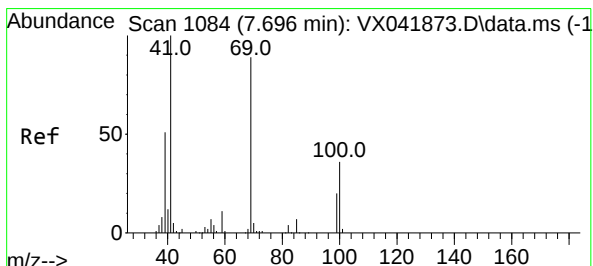
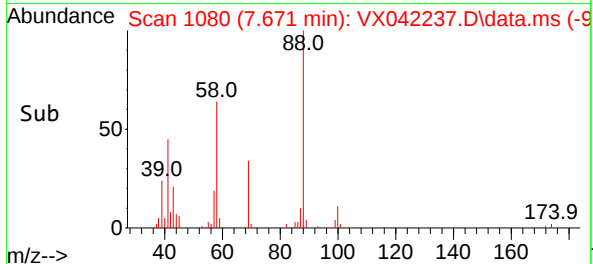
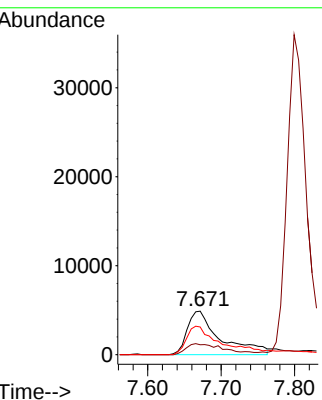
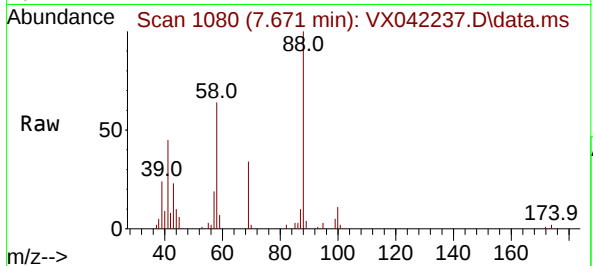
#45
1,4-Dioxane
Concen: 324.656 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 15270
Ion Ratio Lower Upper
88 100
43 18.7 23.2 34.8
58 56.9 52.6 78.8

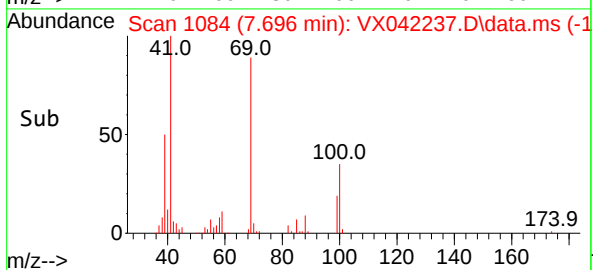
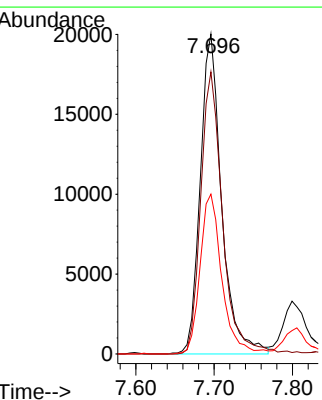
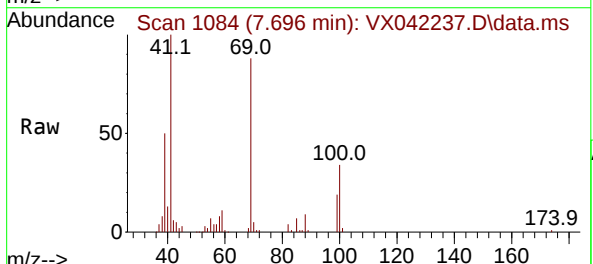
Manual Integrations
APPROVED

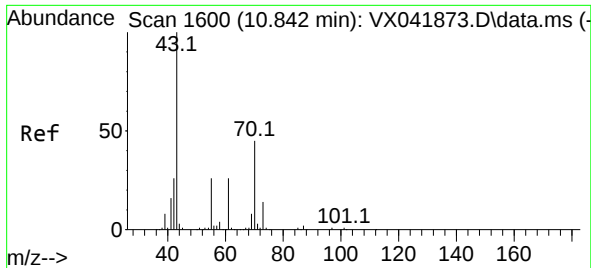
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#46
Methyl methacrylate
Concen: 20.129 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

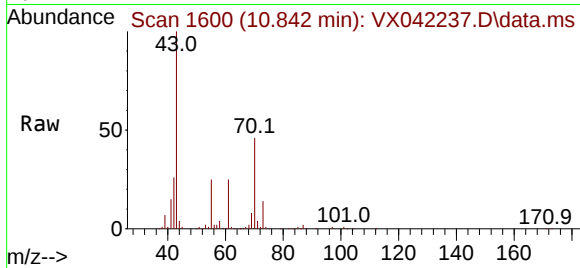
Tgt Ion: 41 Resp: 37976
Ion Ratio Lower Upper
41 100
69 88.1 44.4 133.1
39 49.9 25.5 76.5





#47
n-amy1 Acetate
Concen: 19.755 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

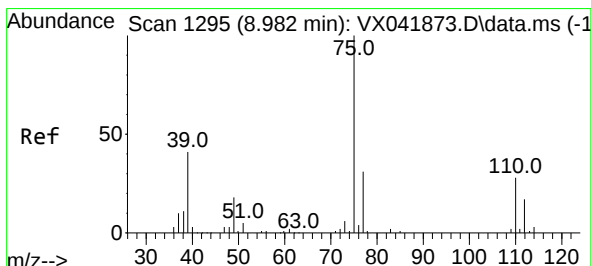
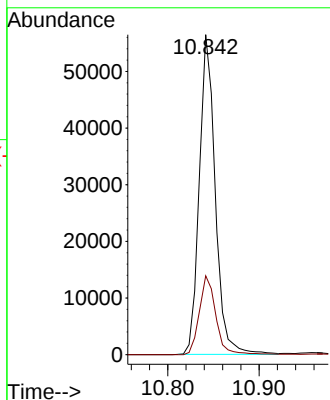
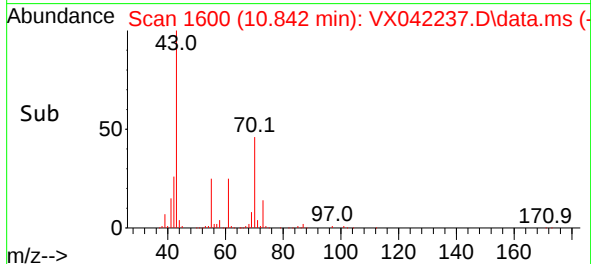
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



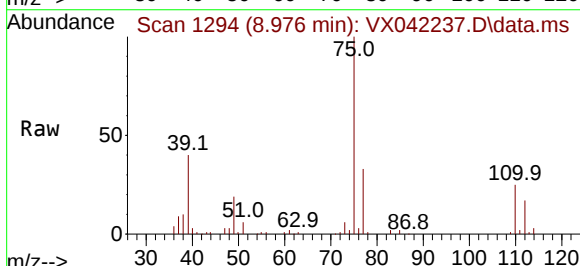
Tgt Ion: 43 Resp: 6841
Ion Ratio Lower Upper
43 100
55 25.6 21.0 31.4

Manual Integrations
APPROVED

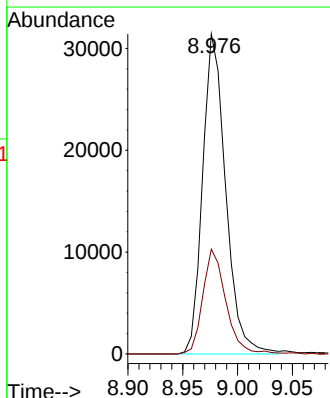
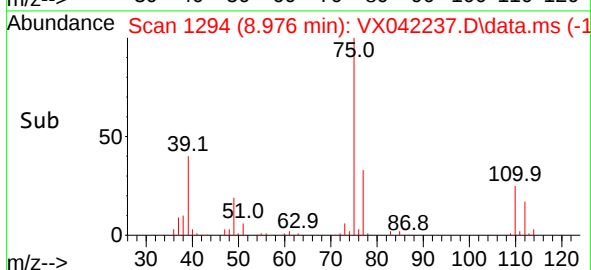
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

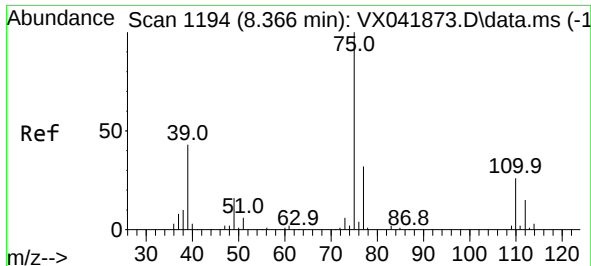


#48
t-1,3-Dichloropropene
Concen: 20.630 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



Tgt Ion: 75 Resp: 45934
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 20.957 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 52340

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

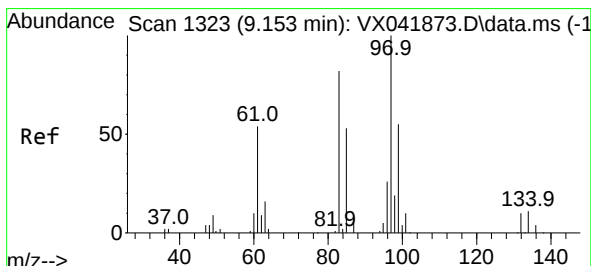
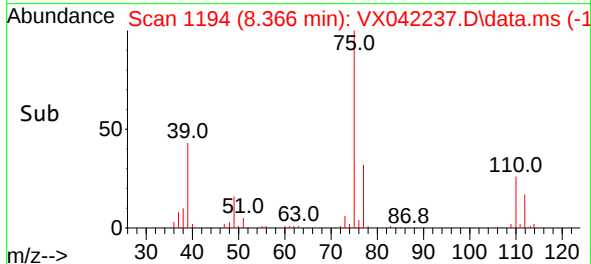
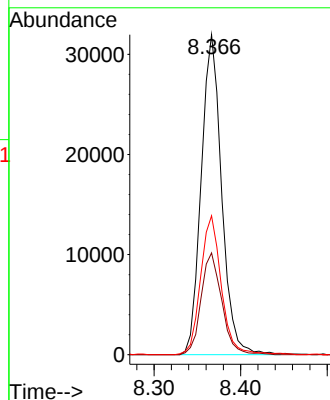
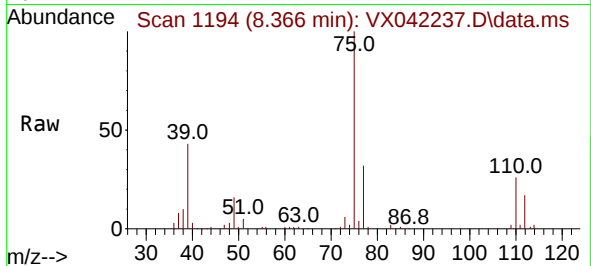
39 43.1 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#50

1,1,2-Trichloroethane

Concen: 21.105 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

Tgt Ion: 97 Resp: 37043

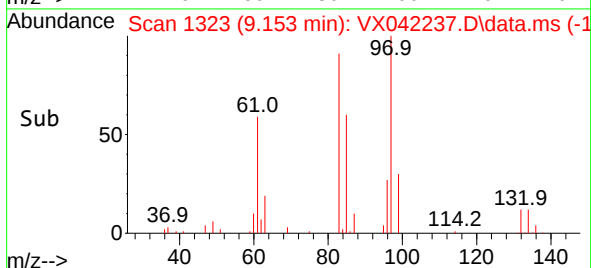
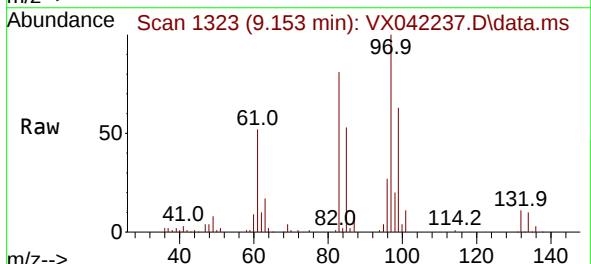
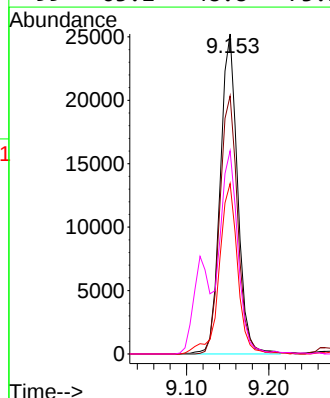
Ion Ratio Lower Upper

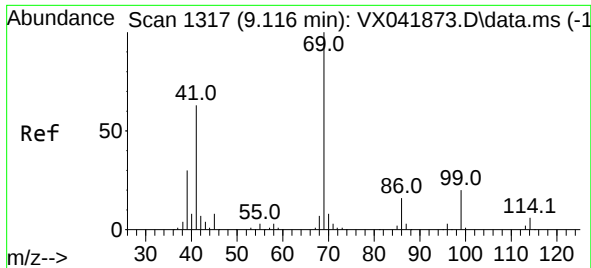
97 100

83 80.6 65.9 98.9

85 53.3 42.9 64.3

99 63.2 48.8 73.2





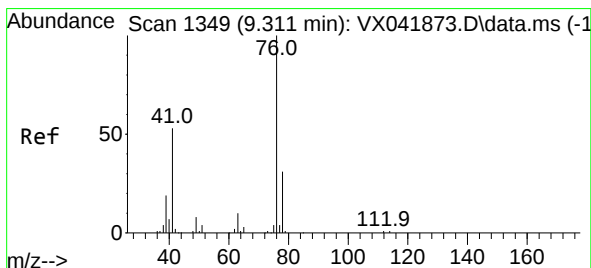
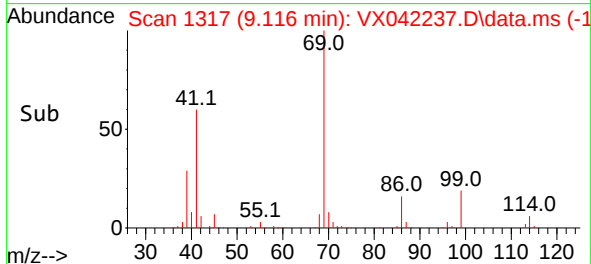
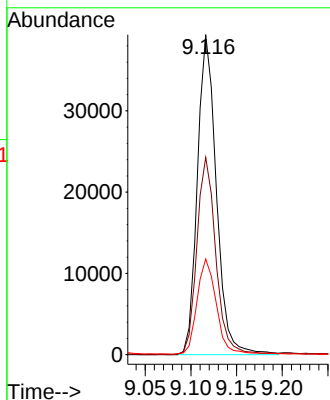
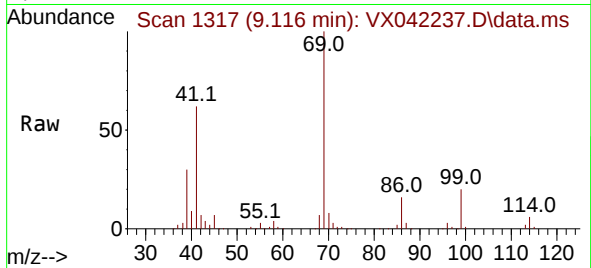
#51
Ethyl methacrylate
Concen: 20.413 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 56910
Ion Ratio Lower Upper
69 100
41 61.5 31.6 94.7
39 29.6 15.3 45.8

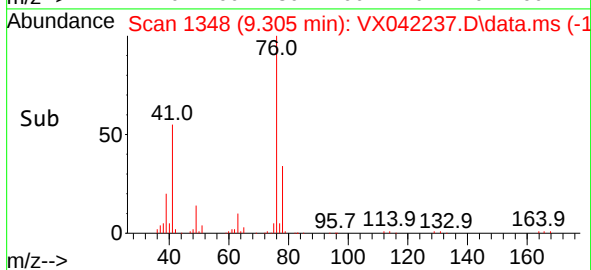
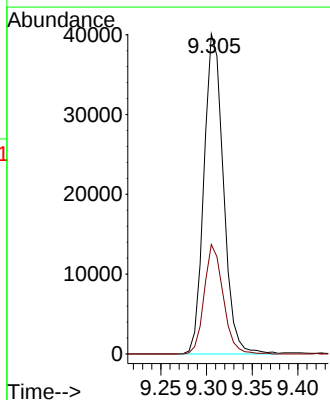
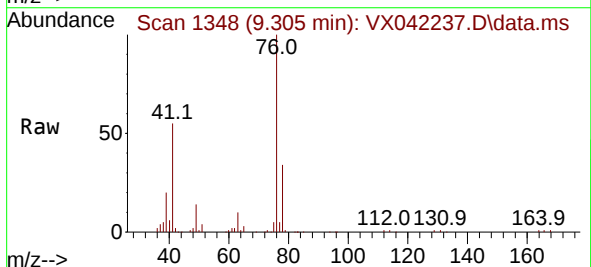
Manual Integrations
APPROVED

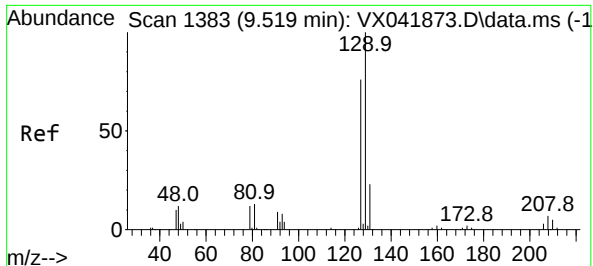
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#52
1,3-Dichloropropane
Concen: 20.655 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion: 76 Resp: 59266
Ion Ratio Lower Upper
76 100
78 33.2 0.0 66.0





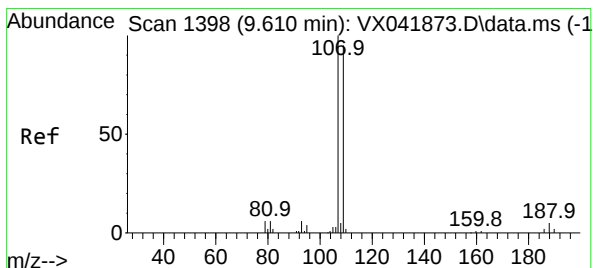
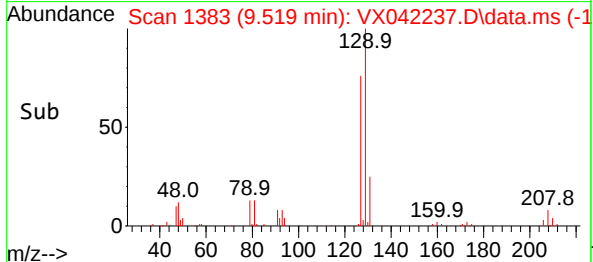
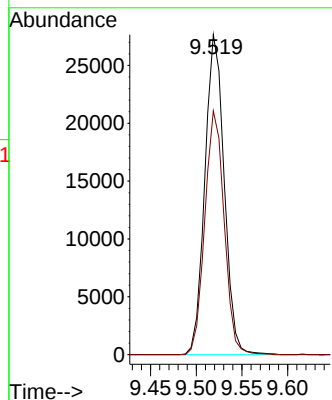
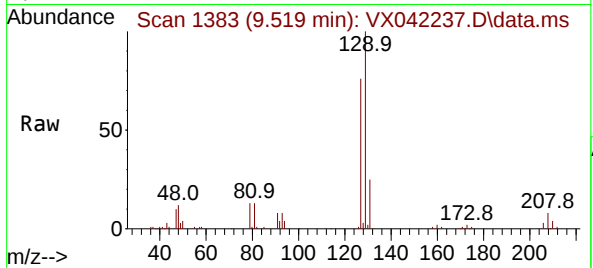
#53
Dibromochloromethane
Concen: 21.159 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 4064
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4

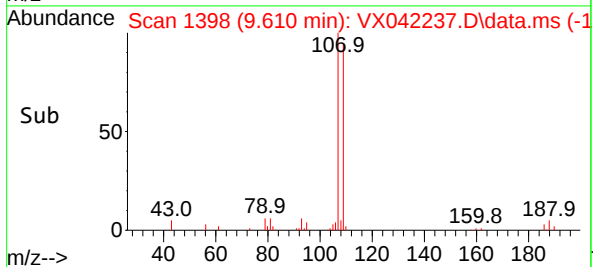
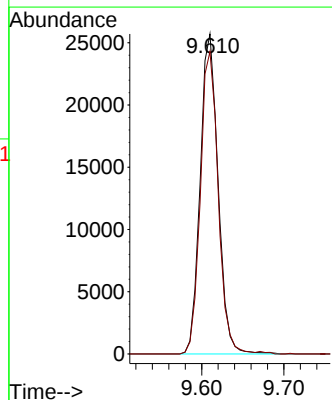
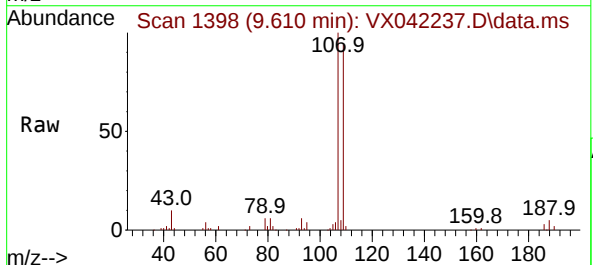
Manual Integrations
APPROVED

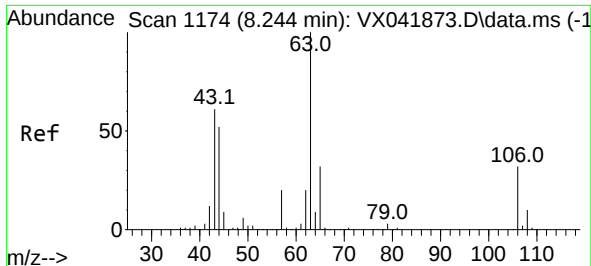
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#54
1,2-Dibromoethane
Concen: 21.001 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

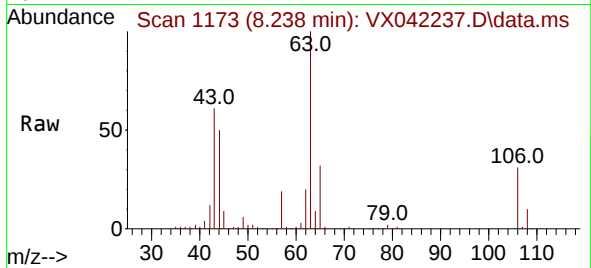
Tgt Ion:107 Resp: 38870
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 116.733 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

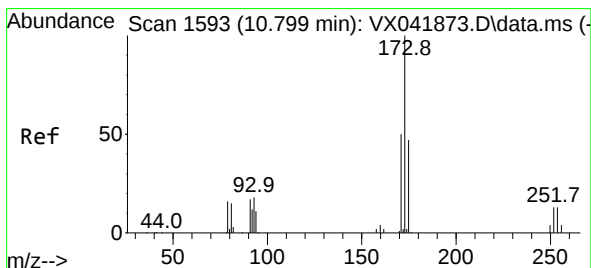
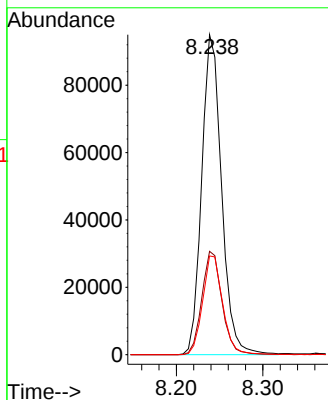
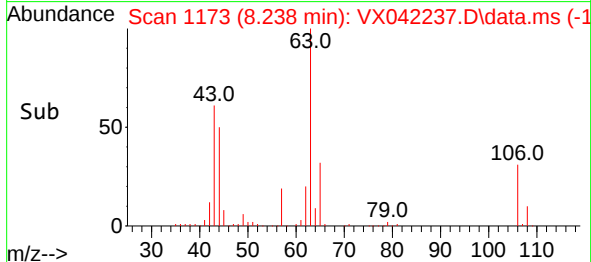
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 151490
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 31.2 25.3 37.9

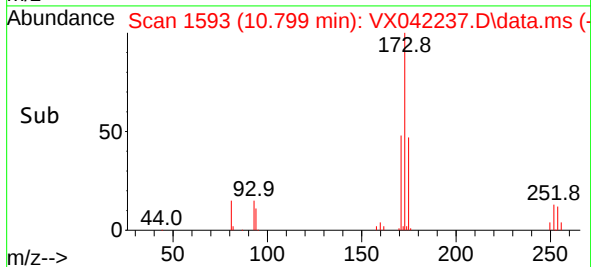
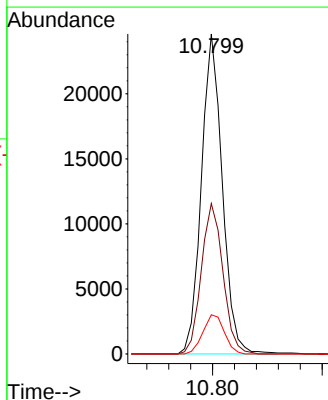
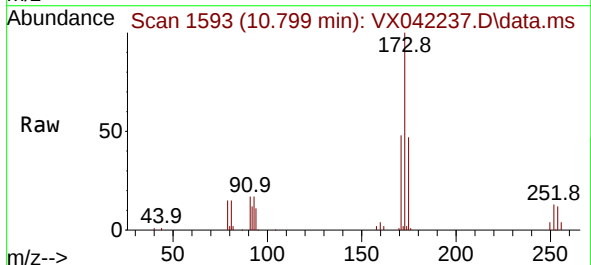
Manual Integrations
APPROVED

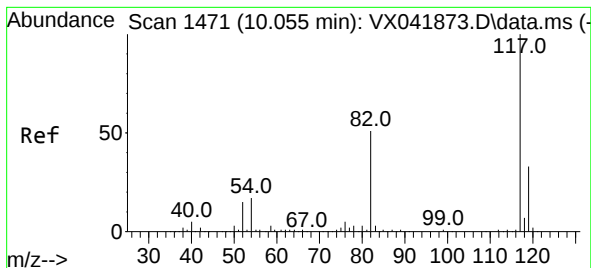
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#56
Bromoform
Concen: 20.795 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

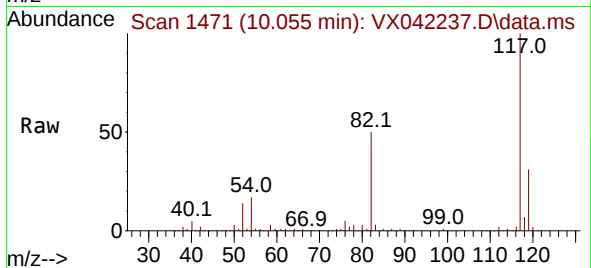
Tgt Ion:173 Resp: 32569
Ion Ratio Lower Upper
173 100
175 48.5 39.3 58.9
254 12.5 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

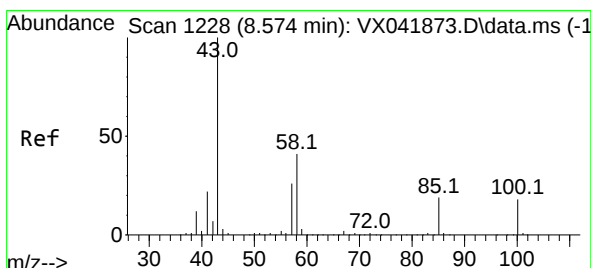
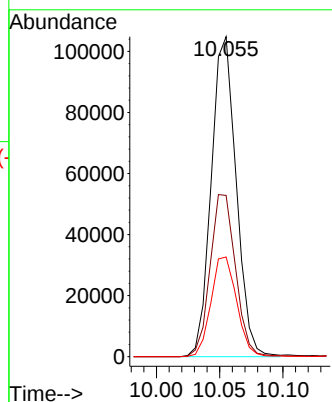
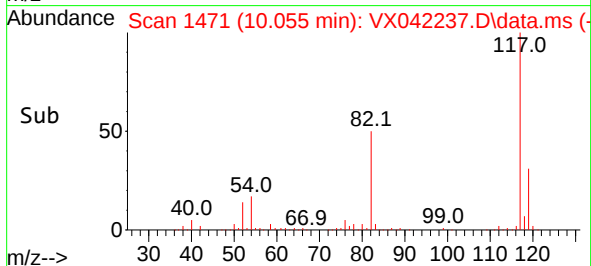
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 143900
Ion Ratio Lower Upper
117 100
82 51.7 41.1 61.7
119 32.1 26.1 39.1

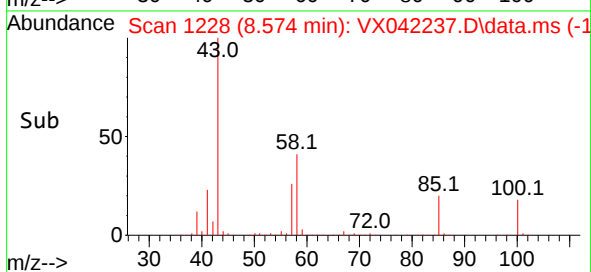
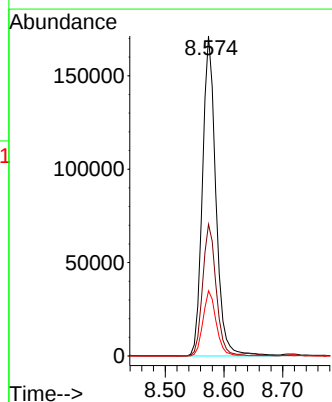
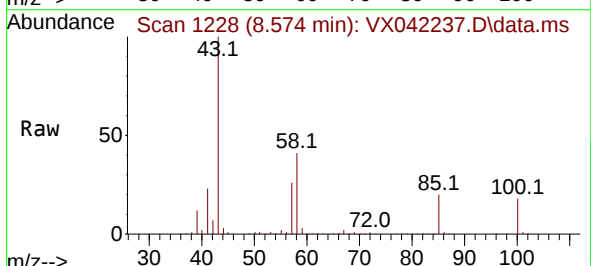
Manual Integrations
APPROVED

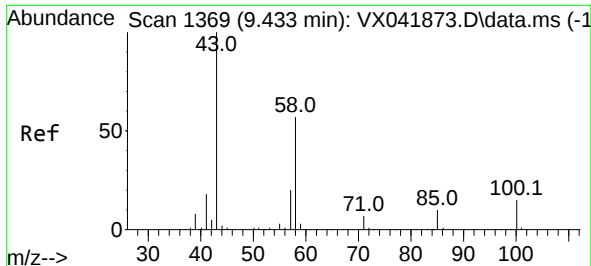
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#58
4-Methyl-2-Pentanone
Concen: 105.494 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

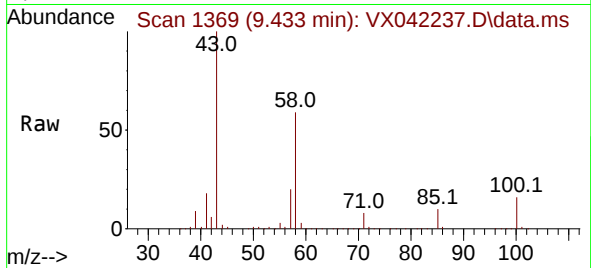
Tgt Ion: 43 Resp: 272034
Ion Ratio Lower Upper
43 100
58 41.0 33.2 49.8
85 20.1 15.5 23.3





#59
2-Hexanone
Concen: 106.511 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

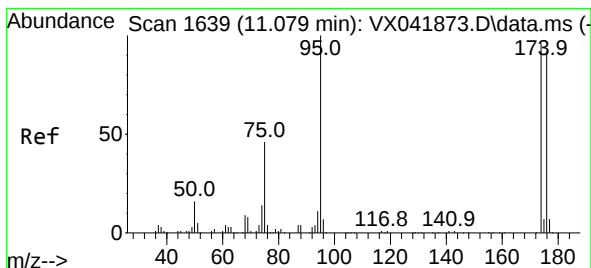
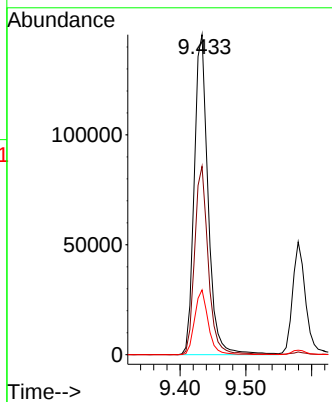
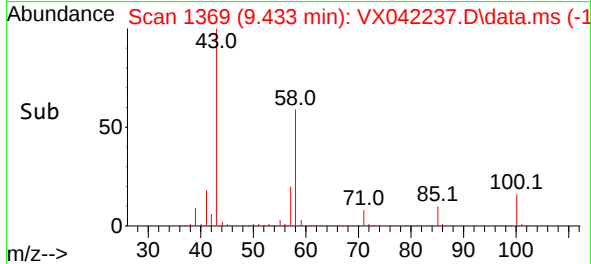
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 21199
Ion Ratio Lower Upper
43 100
58 57.7 46.0 69.0
57 19.6 15.8 23.6

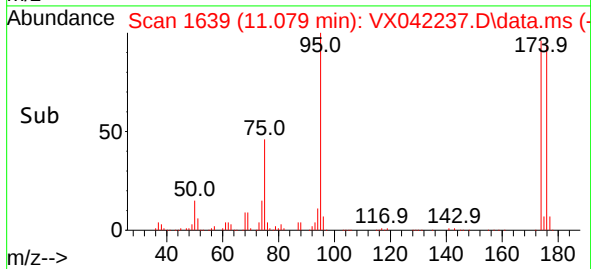
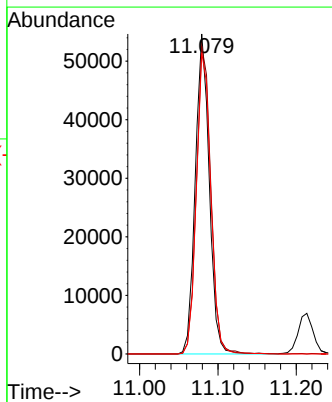
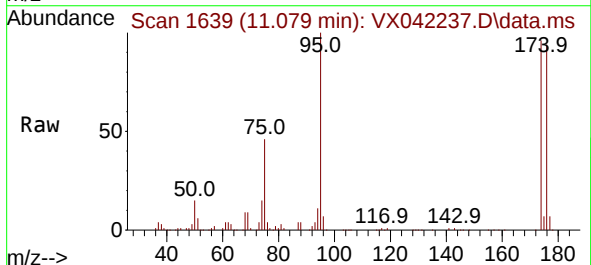
Manual Integrations
APPROVED

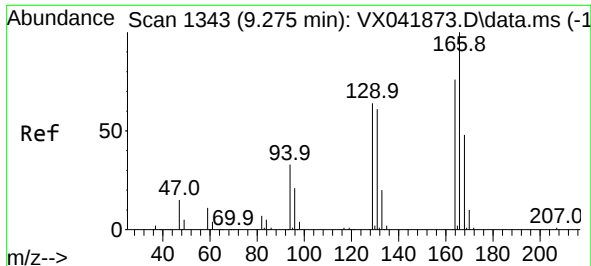
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#60
4-Bromofluorobenzene
Concen: 30.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

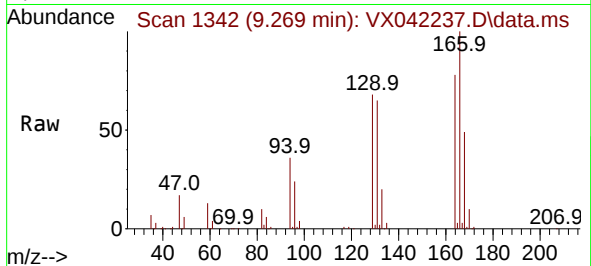
Tgt Ion: 95 Resp: 67936
Ion Ratio Lower Upper
95 100
174 99.4 78.9 118.3
176 96.7 77.1 115.7





#61
Tetrachloroethene
Concen: 21.147 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

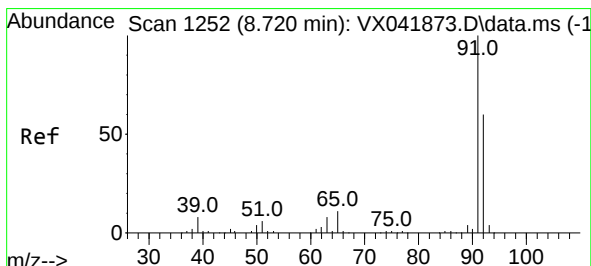
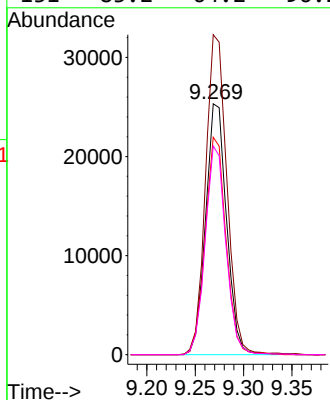
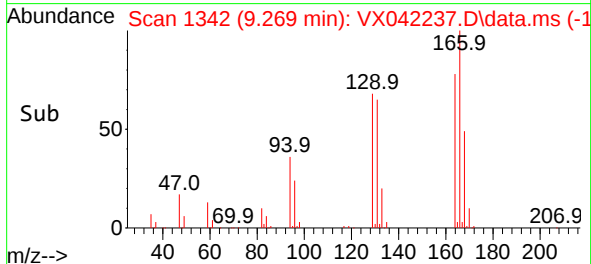
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 38294
Ion Ratio Lower Upper
164 100
166 127.5 105.0 157.6
129 86.6 67.1 100.7
131 83.2 64.2 96.2

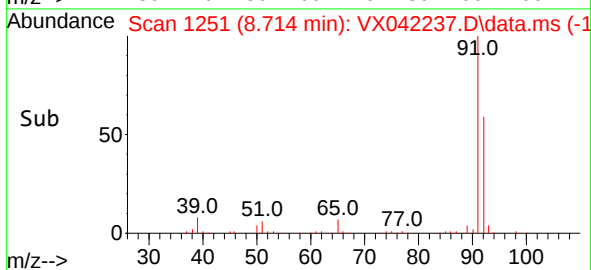
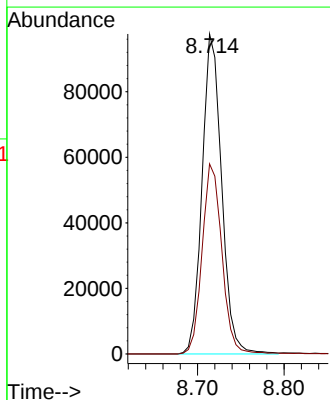
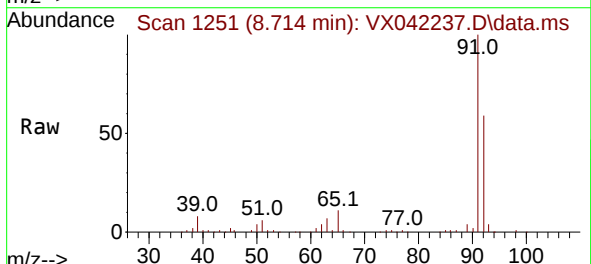
Manual Integrations
APPROVED

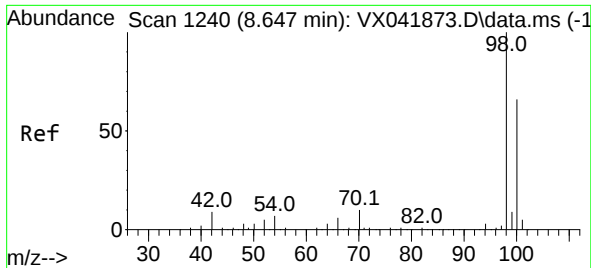
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#62
Toluene
Concen: 21.023 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

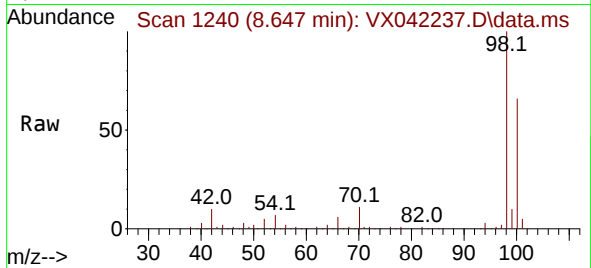
Tgt Ion: 91 Resp: 153092
Ion Ratio Lower Upper
91 100
92 59.9 47.4 71.2





#63
Toluene-d8
Concen: 29.849 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

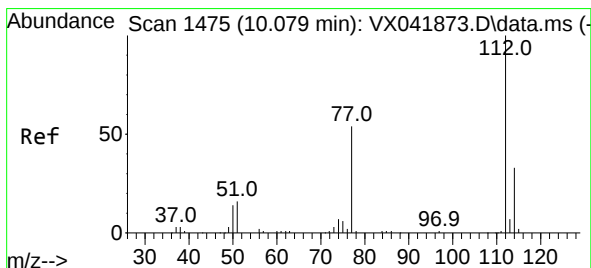
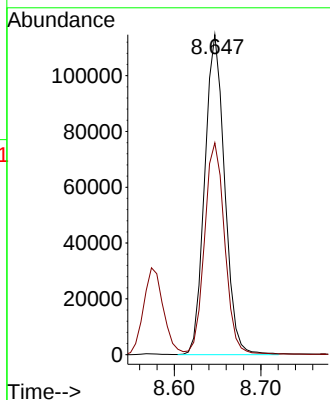
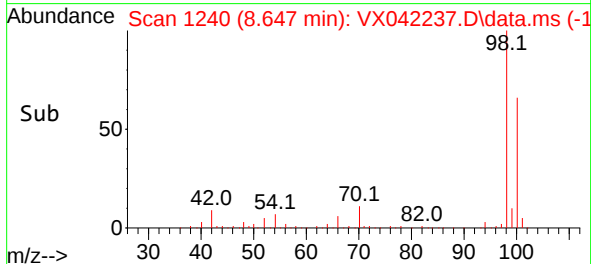
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



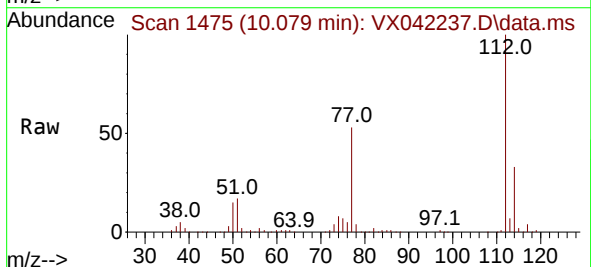
Tgt Ion: 98 Resp: 183774
Ion Ratio Lower Upper
98 100
100 67.1 52.7 79.1

Manual Integrations
APPROVED

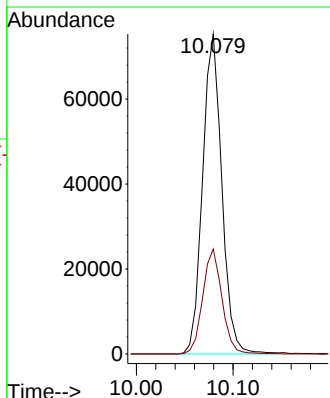
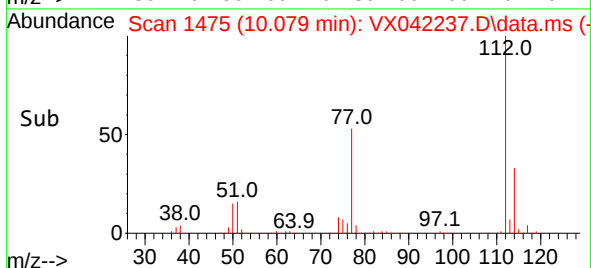
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

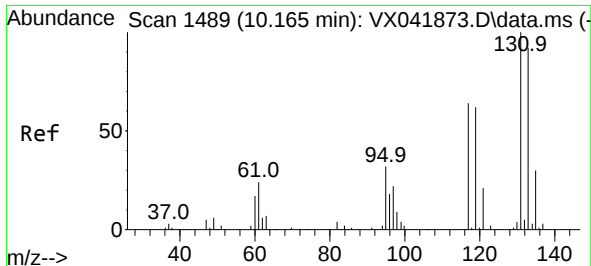


#64
Chlorobenzene
Concen: 21.045 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



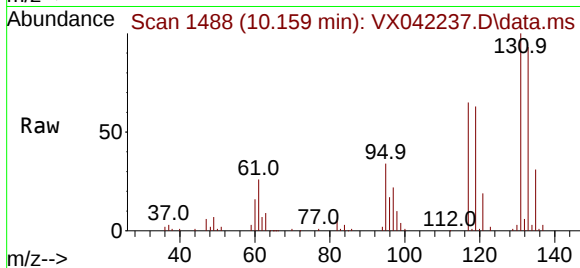
Tgt Ion:112 Resp: 104358
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 21.974 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

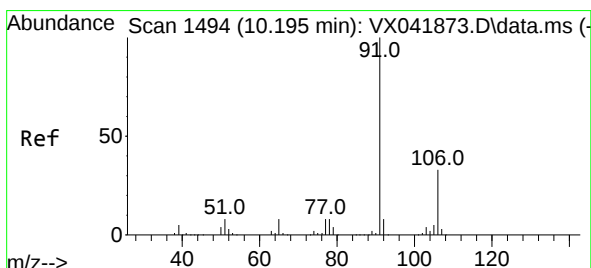
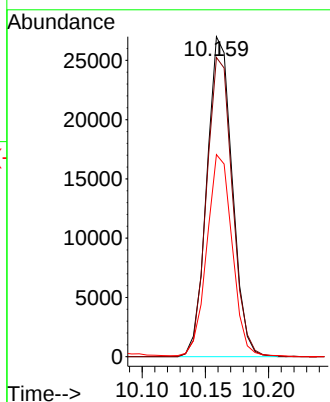
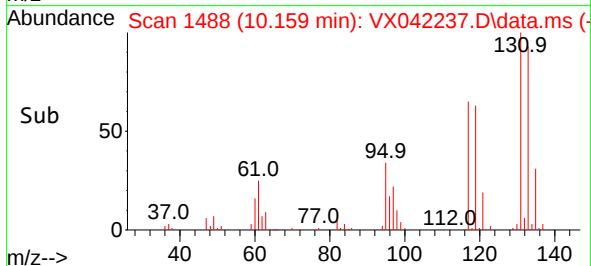
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



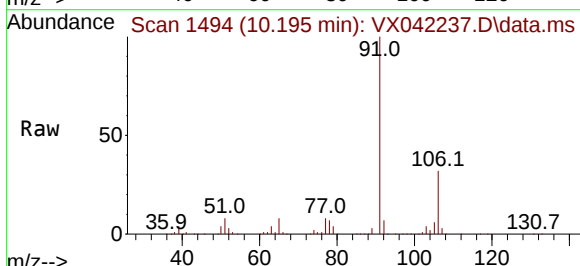
Tgt Ion:131 Resp: 3763
Ion Ratio Lower Upper
131 100
133 95.2 0.0 194.8
119 63.5 0.0 127.6

Manual Integrations
APPROVED

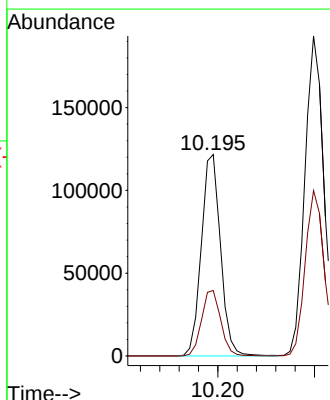
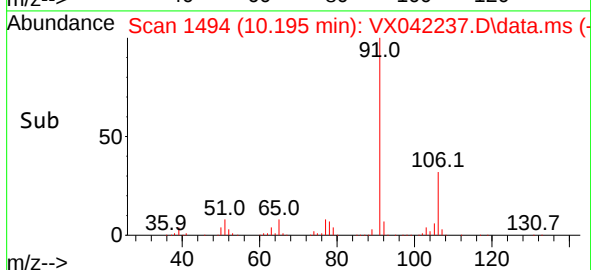
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

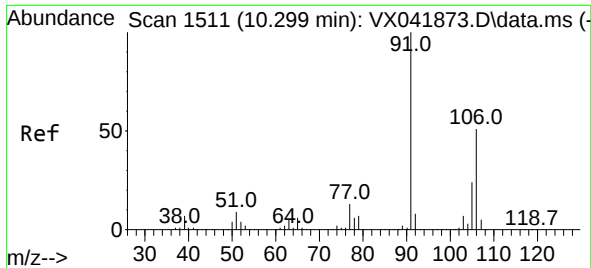


#66
Ethyl Benzene
Concen: 21.183 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



Tgt Ion: 91 Resp: 168644
Ion Ratio Lower Upper
91 100
106 32.5 26.4 39.6





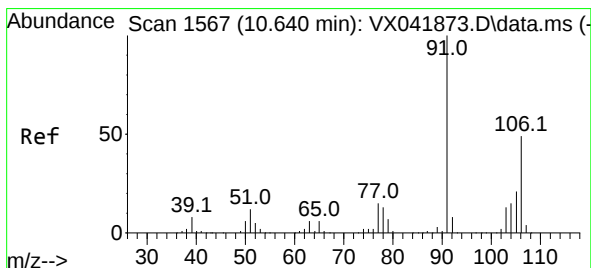
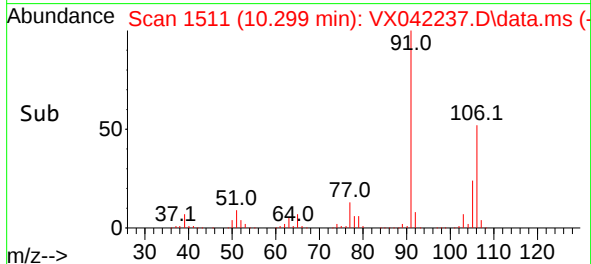
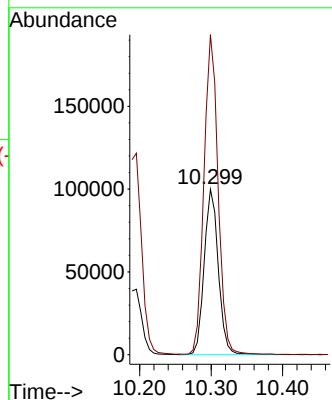
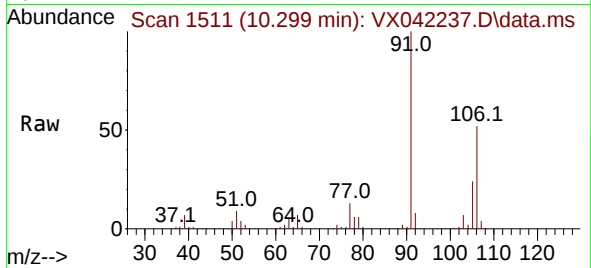
#67
m/p-Xylenes
Concen: 42.841 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 137193
Ion Ratio Lower Upper
106 100
91 193.4 157.0 235.6

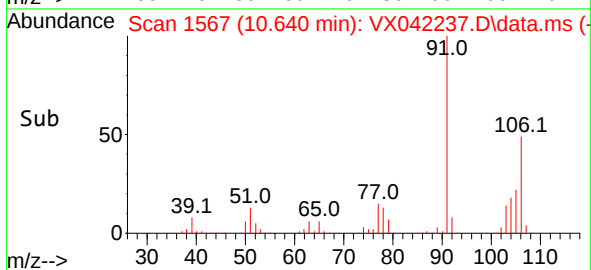
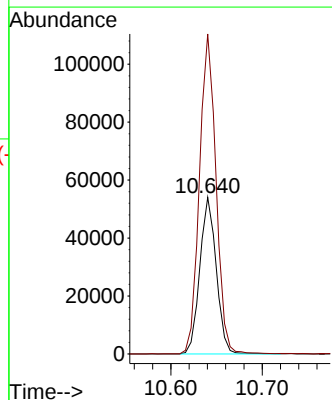
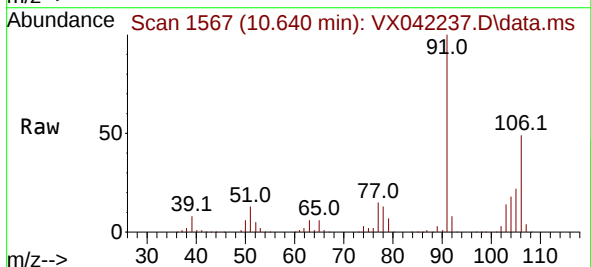
Manual Integrations
APPROVED

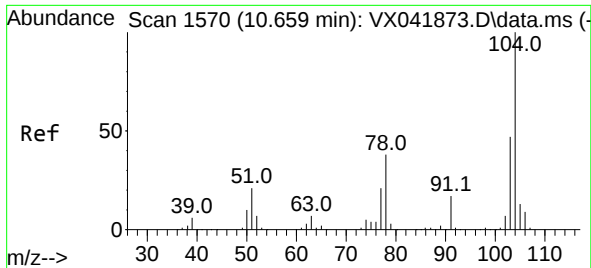
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#68
o-Xylene
Concen: 21.186 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion:106 Resp: 67643
Ion Ratio Lower Upper
106 100
91 204.9 103.2 309.6





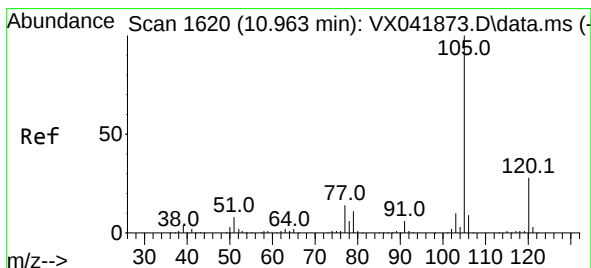
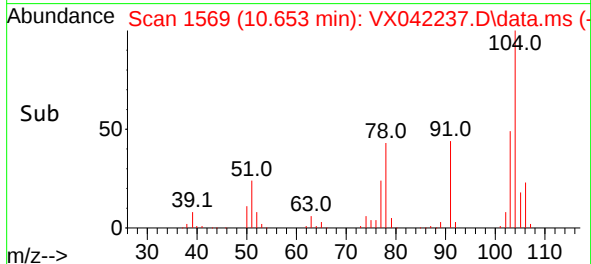
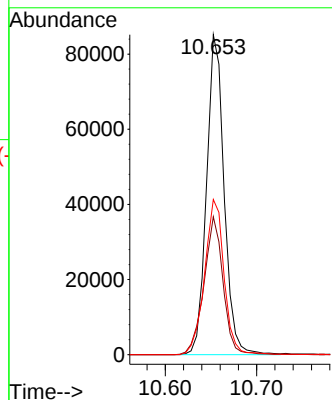
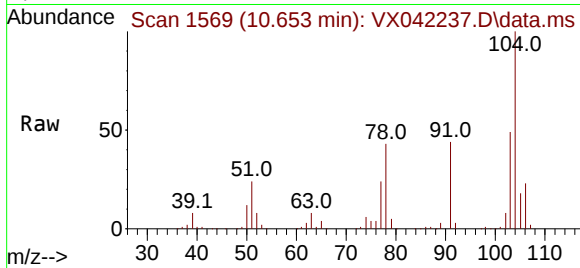
#69
Styrene
Concen: 21.250 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 113374
Ion Ratio Lower Upper
104 100
78 46.8 36.5 54.7
103 53.9 43.4 65.2

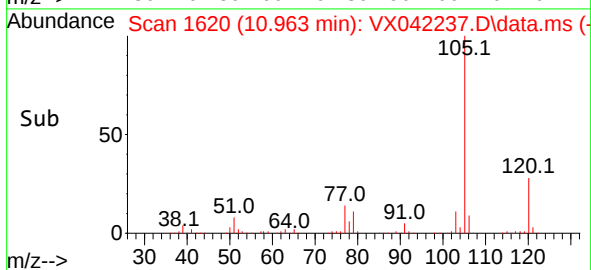
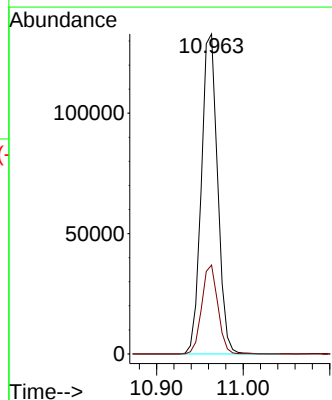
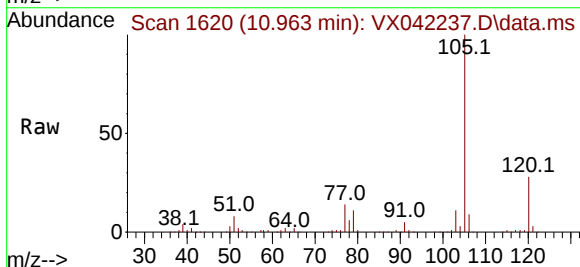
Manual Integrations
APPROVED

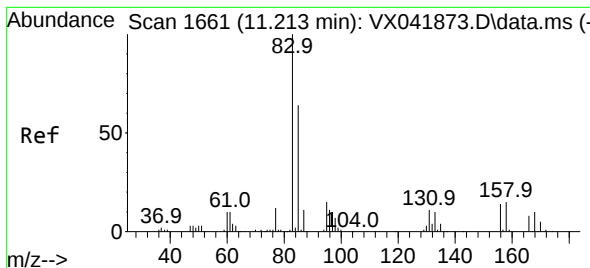
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#70
Isopropylbenzene
Concen: 21.625 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion:105 Resp: 173597
Ion Ratio Lower Upper
105 100
120 27.4 19.2 35.6





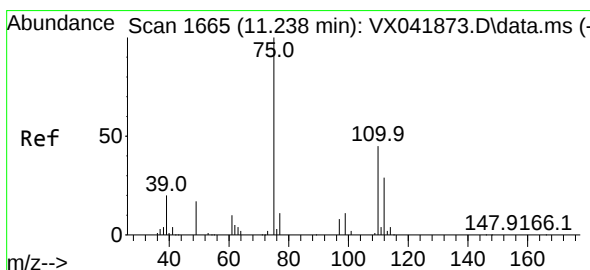
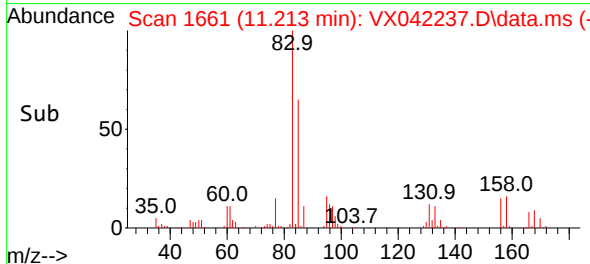
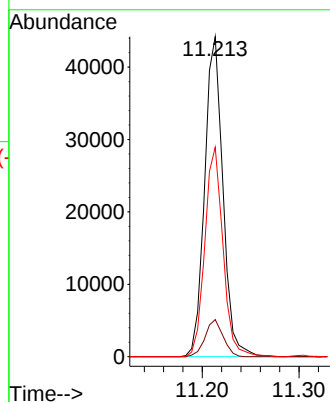
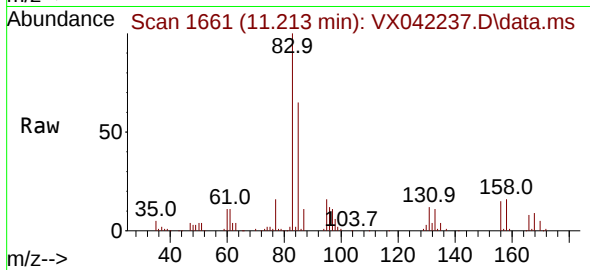
#71
1,1,2,2-Tetrachloroethane
Concen: 20.962 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5823
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.7
85 65.1 32.6 97.7

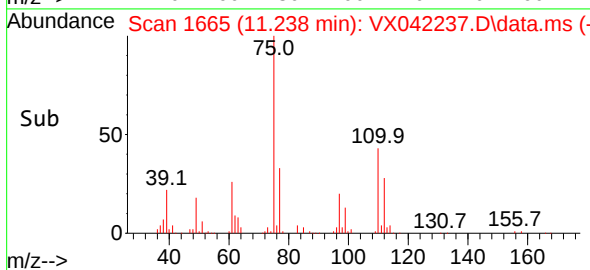
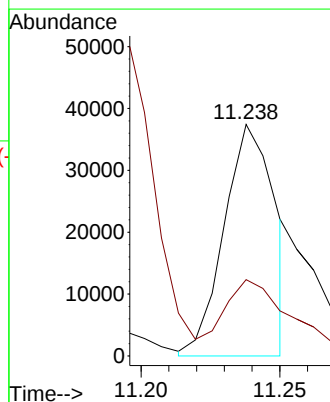
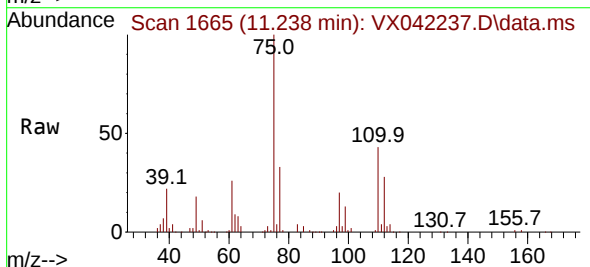
Manual Integrations
APPROVED

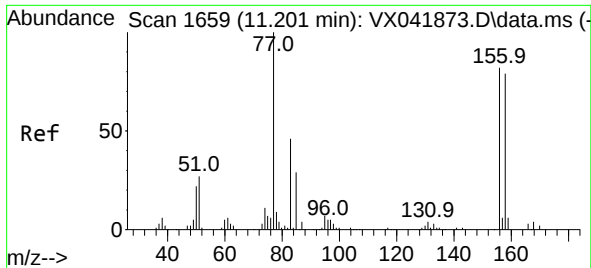
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#72
1,2,3-Trichloropropane
Concen: 21.200 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

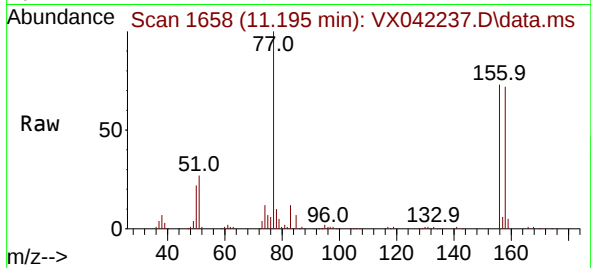
Tgt Ion: 75 Resp: 47705
Ion Ratio Lower Upper
75 100
77 44.4 0.0 79.6





#73
Bromobenzene
Concen: 21.343 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

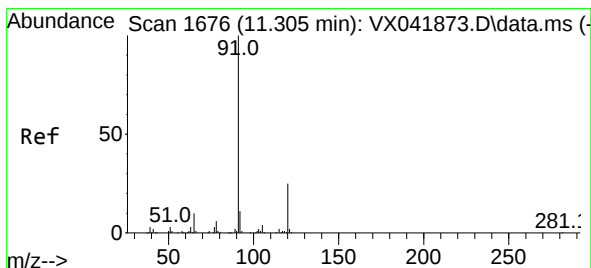
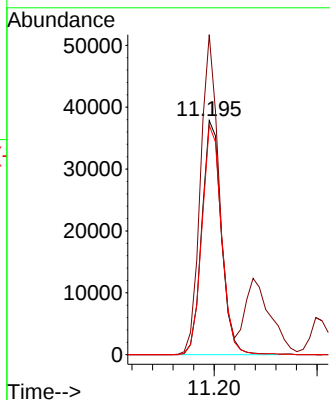
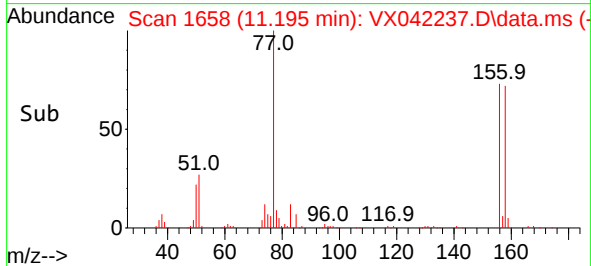
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



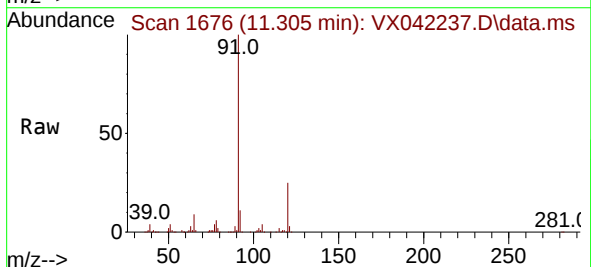
Tgt Ion:156 Resp: 49970
Ion Ratio Lower Upper
156 100
77 129.7 0.0 266.2
158 98.2 0.0 195.2

Manual Integrations
APPROVED

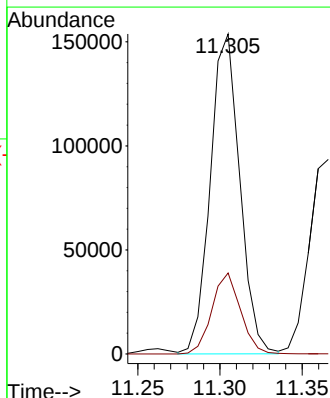
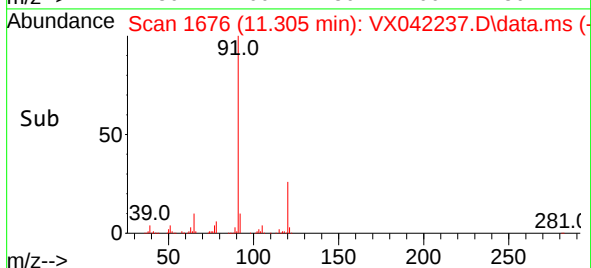
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

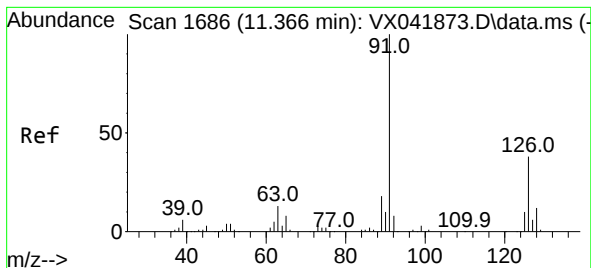


#74
n-propylbenzene
Concen: 21.770 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



Tgt Ion: 91 Resp: 191977
Ion Ratio Lower Upper
91 100
120 24.6 0.0 49.6





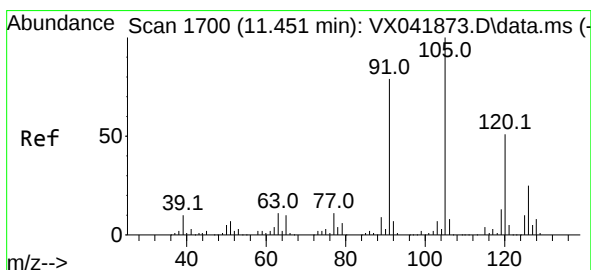
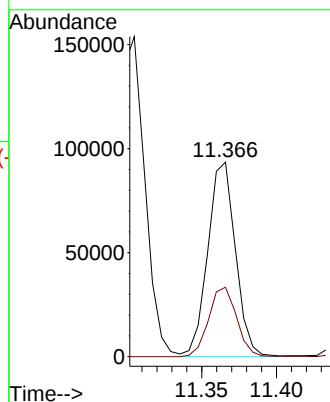
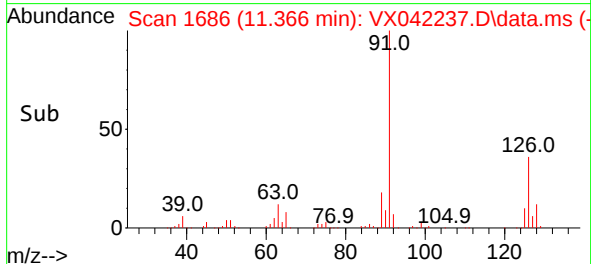
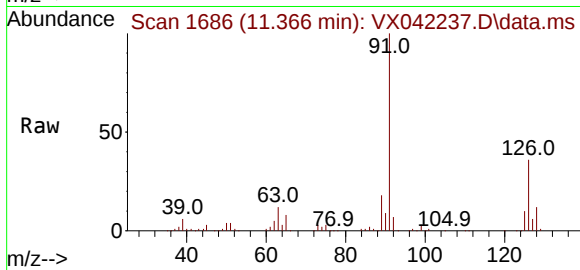
#75
2-Chlorotoluene
Concen: 21.490 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 120339
Ion Ratio Lower Upper
91 100
126 36.1 0.0 72.6

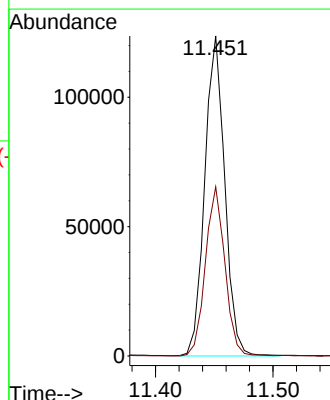
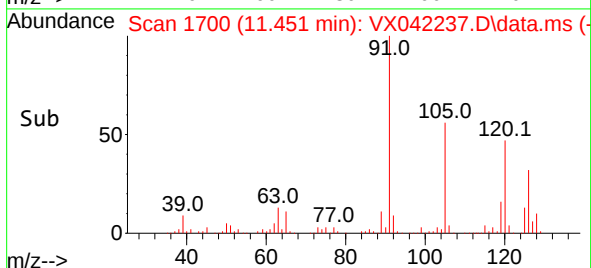
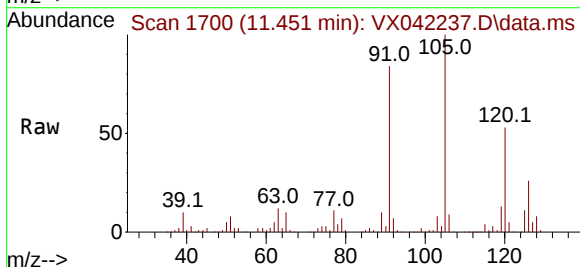
Manual Integrations
APPROVED

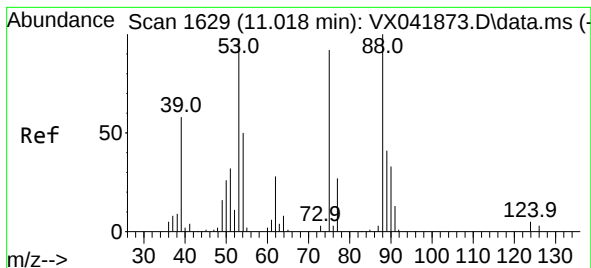
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.726 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

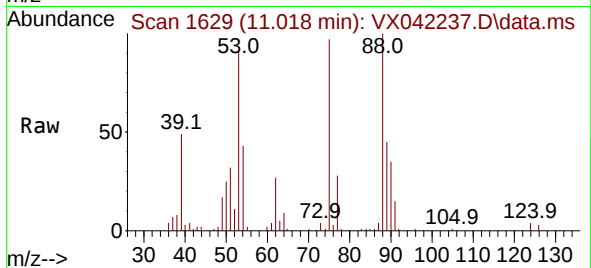
Tgt Ion:105 Resp: 146118
Ion Ratio Lower Upper
105 100
120 51.5 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.760 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

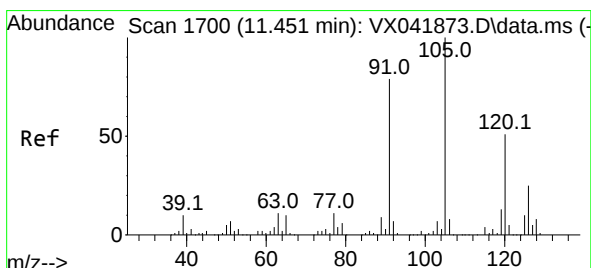
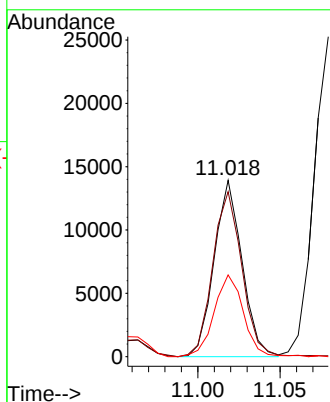
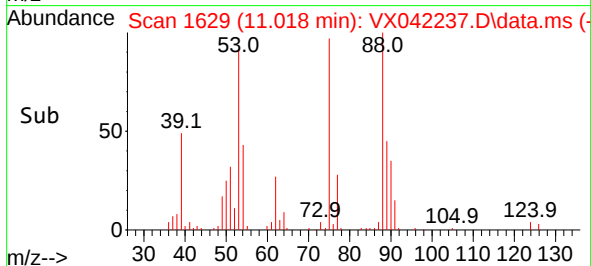
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



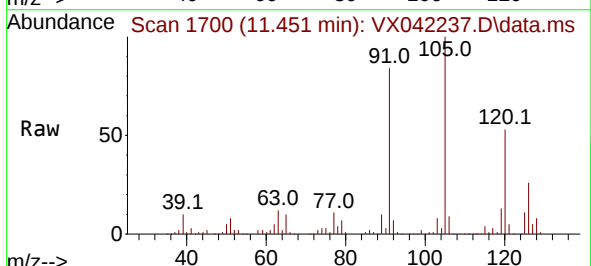
Tgt Ion: 75 Resp: 16449
Ion Ratio Lower Upper
75 100
53 93.6 53.4 160.2
89 46.4 22.5 67.5

Manual Integrations
APPROVED

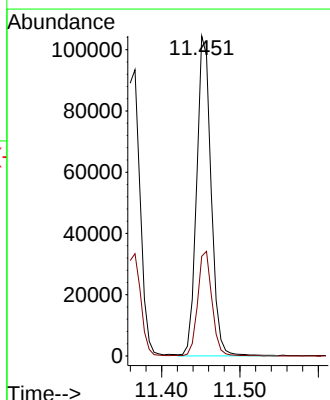
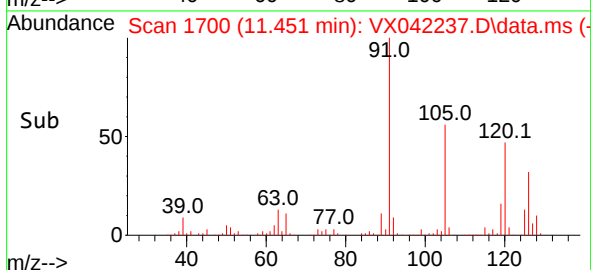
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

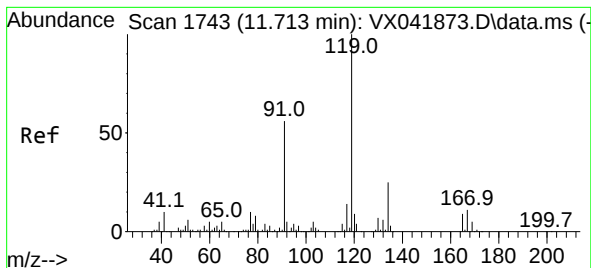


#78
4-Chlorotoluene
Concen: 21.554 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



Tgt Ion: 91 Resp: 134080
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.8





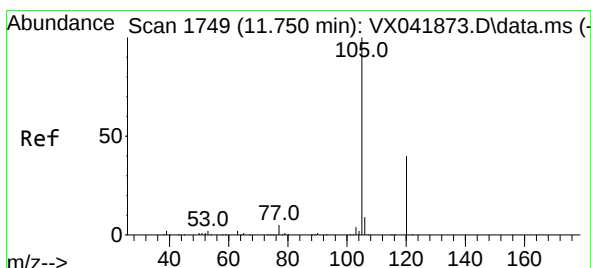
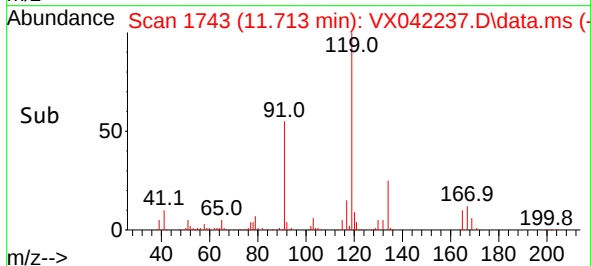
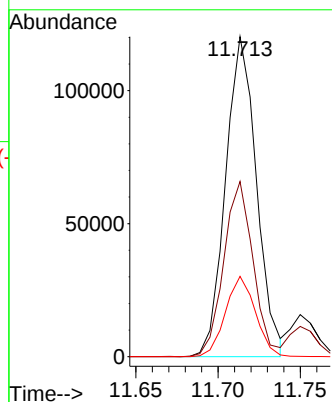
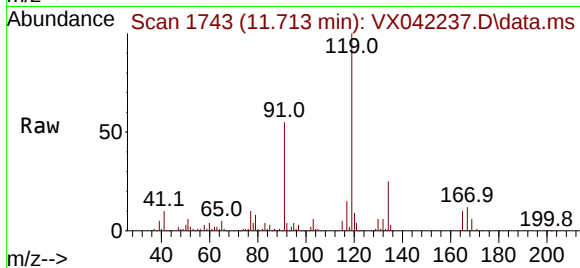
#79
tert-butylbenzene
Concen: 22.083 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 15764
Ion Ratio Lower Upper
119 100
91 52.1 0.0 106.0
134 24.3 0.0 49.4

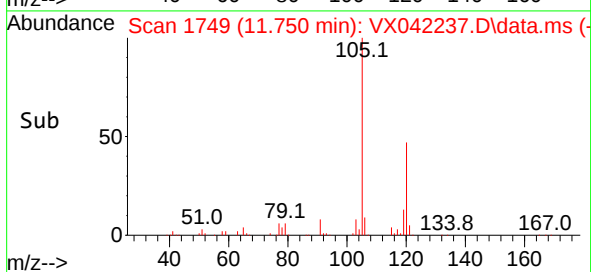
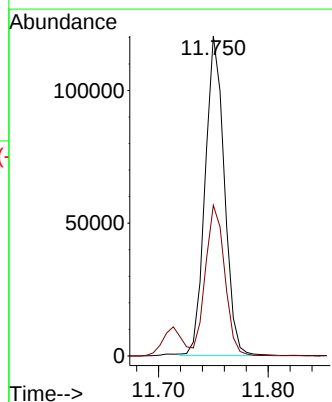
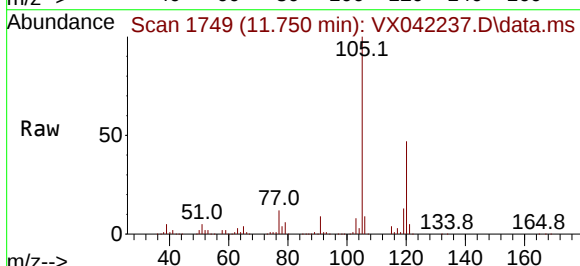
Manual Integrations
APPROVED

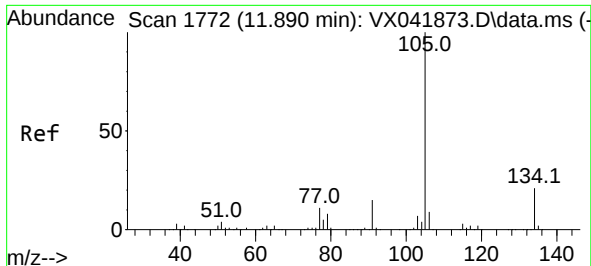
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.721 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

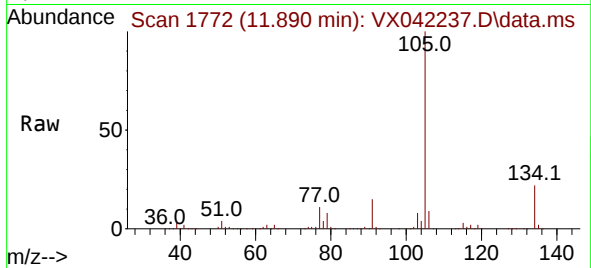
Tgt Ion:105 Resp: 145940
Ion Ratio Lower Upper
105 100
120 46.9 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 21.990 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042237.D
 Acq: 09 Jul 2024 09:41

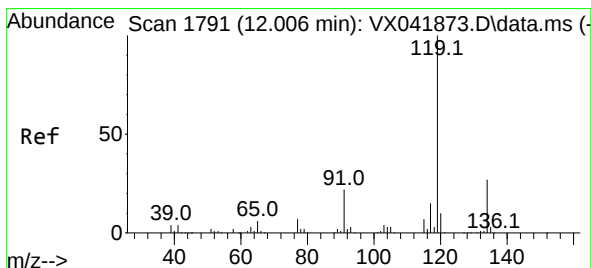
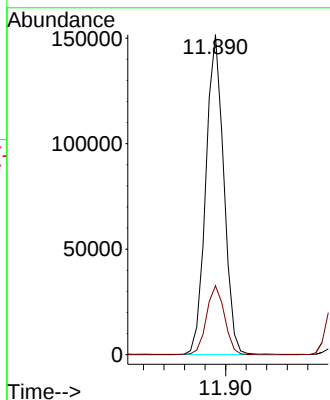
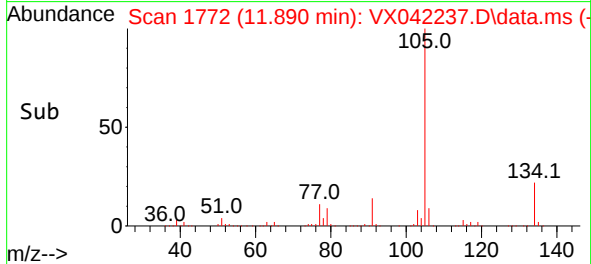
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



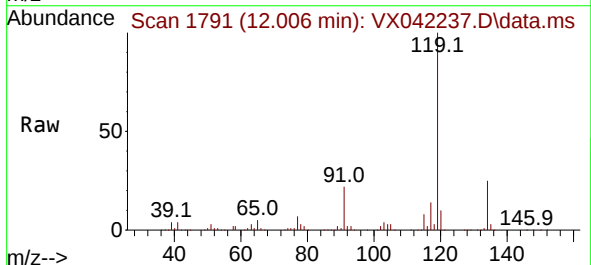
Tgt Ion:105 Resp: 18310
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 43.2

Manual Integrations
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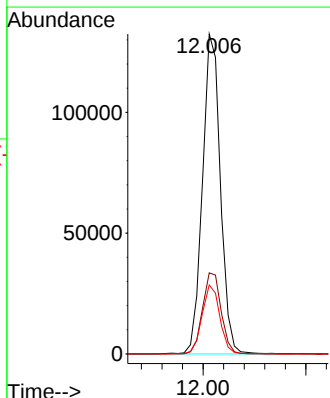
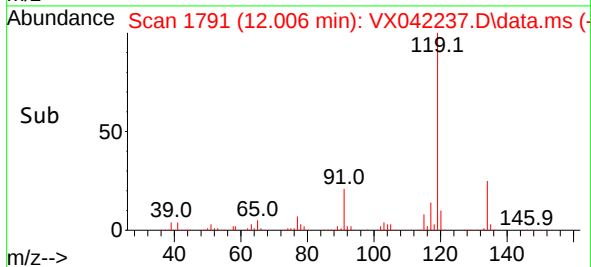
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024

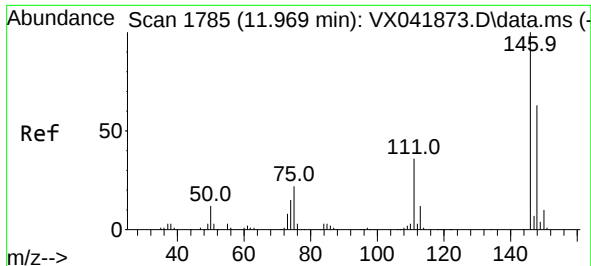


#82
 p-Isopropyltoluene
 Concen: 21.980 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042237.D
 Acq: 09 Jul 2024 09:41



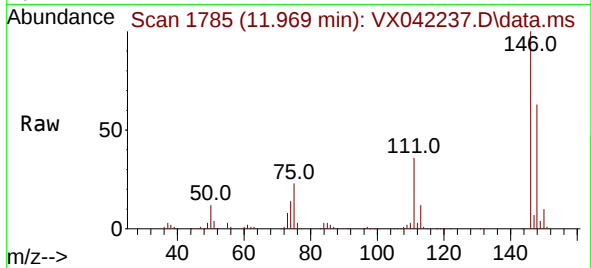
Tgt Ion:119 Resp: 160380
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 54.0
 91 21.3 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 21.232 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

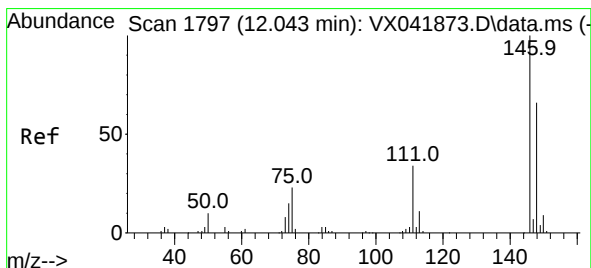
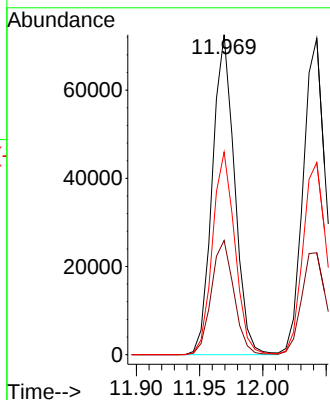
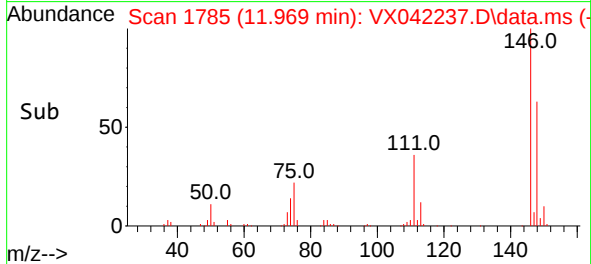
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



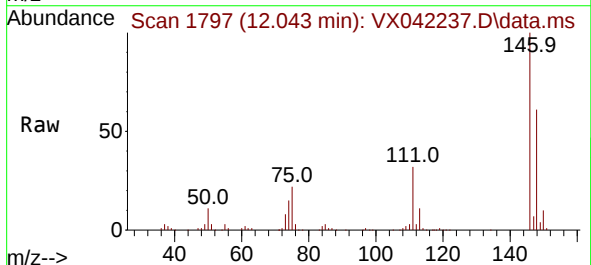
Tgt Ion:146 Resp: 88649
Ion Ratio Lower Upper
146 100
111 36.3 18.0 54.0
148 63.6 31.9 95.7

Manual Integrations
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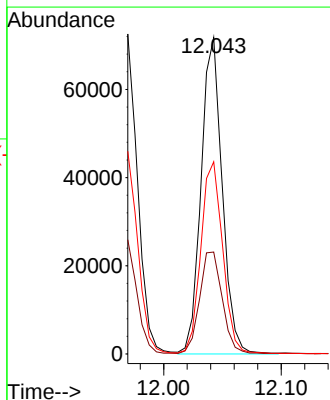
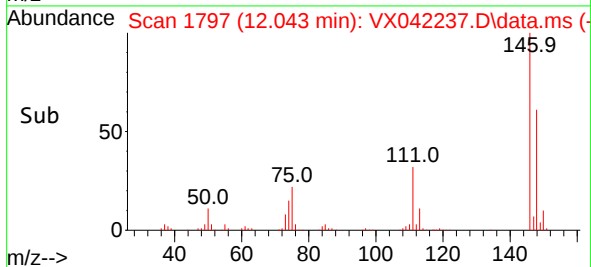
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

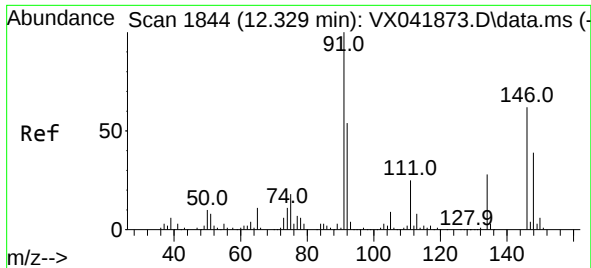


#84
1,4-Dichlorobenzene
Concen: 21.582 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41



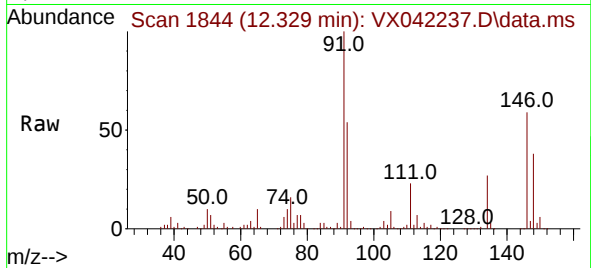
Tgt Ion:146 Resp: 89691
Ion Ratio Lower Upper
146 100
111 34.7 17.4 52.3
148 62.5 32.3 96.9





#85
n-Butylbenzene
Concen: 21.705 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

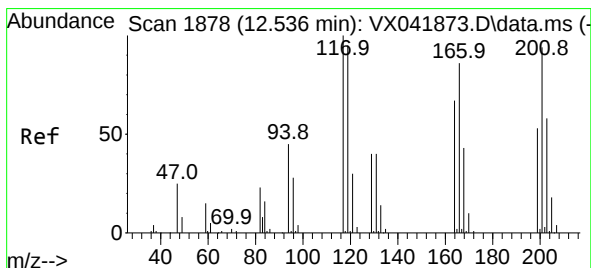
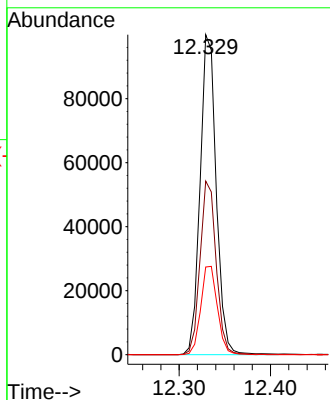
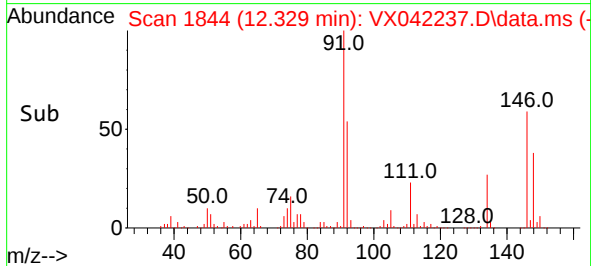
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 122468
Ion Ratio Lower Upper
91 100
92 54.1 0.0 109.8
134 28.4 0.0 58.4

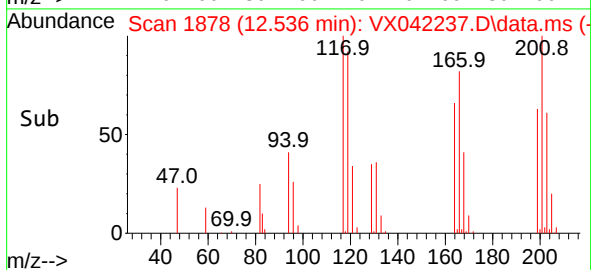
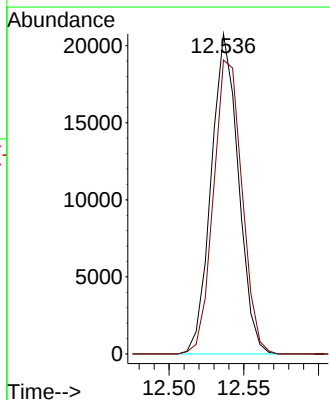
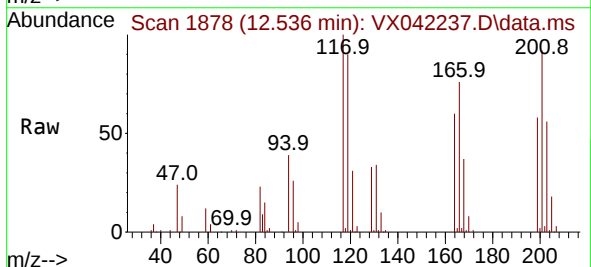
Manual Integrations
APPROVED

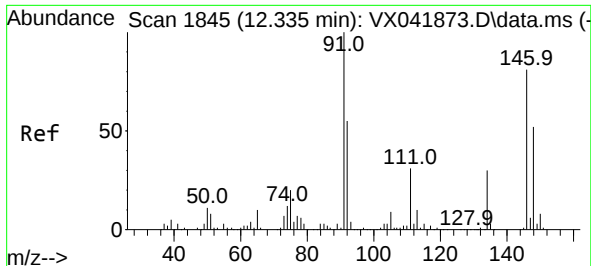
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#86
Hexachloroethane
Concen: 22.071 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion:117 Resp: 26300
Ion Ratio Lower Upper
117 100
201 96.2 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 21.381 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042237.D

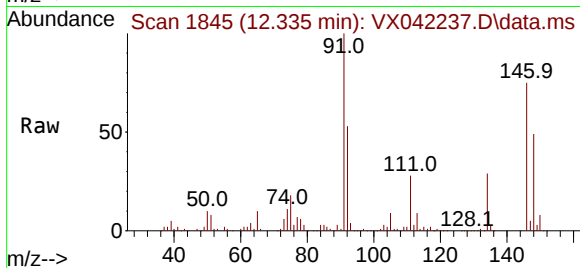
Acq: 09 Jul 2024 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



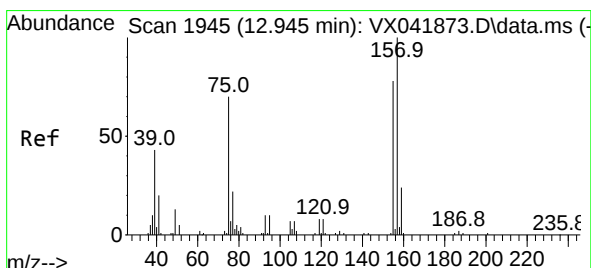
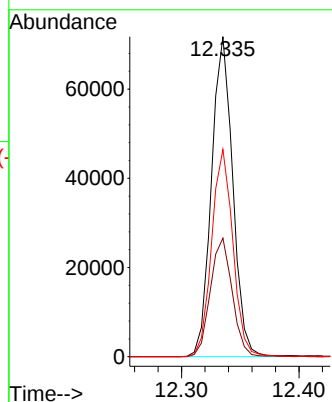
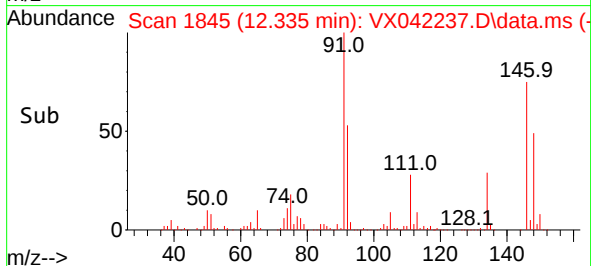
Tgt Ion:	146	Resp:	90279
Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	64.8	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.436 ug/l

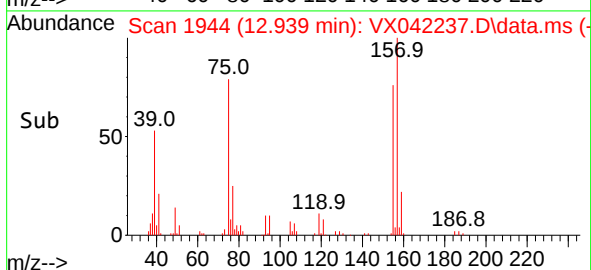
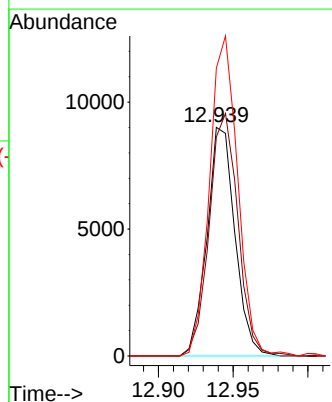
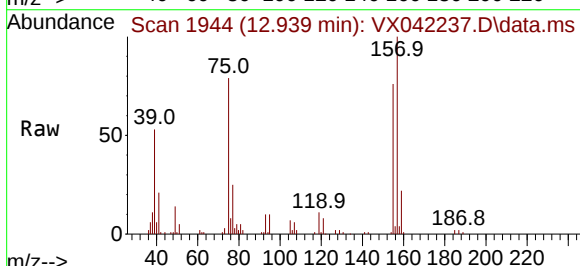
RT: 12.939 min Scan# 1944

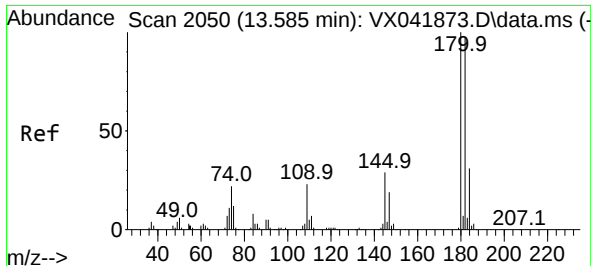
Delta R.T. -0.006 min

Lab File: VX042237.D

Acq: 09 Jul 2024 09:41

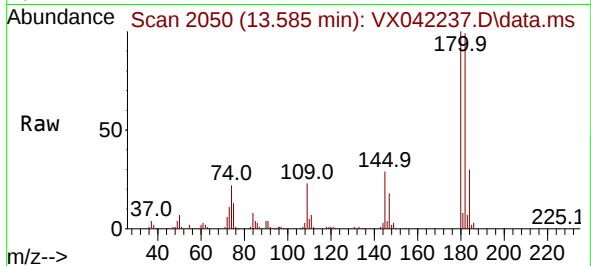
Tgt Ion:	75	Resp:	11744
Ion	Ratio	Lower	Upper
75	100		
155	108.7	88.6	133.0
157	140.0	112.8	169.2





#89
1,2,4-Trichlorobenzene
Concen: 20.805 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

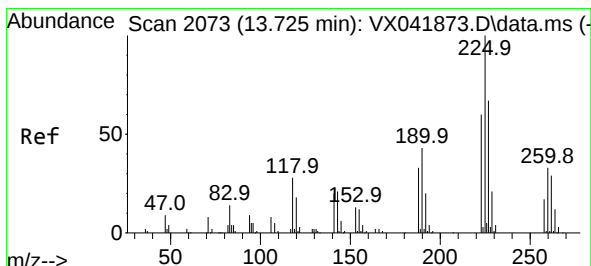
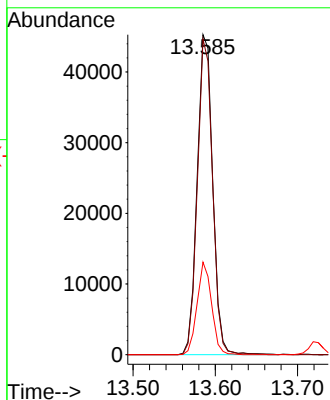
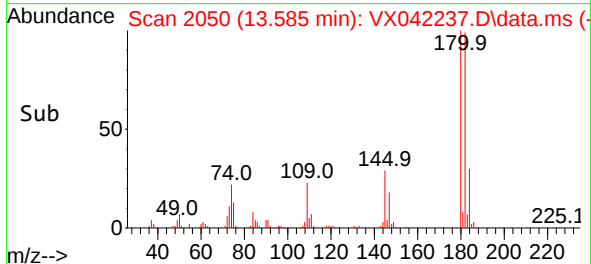
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 59460
Ion Ratio Lower Upper
180 100
182 96.2 76.9 115.3
145 27.0 22.8 34.2

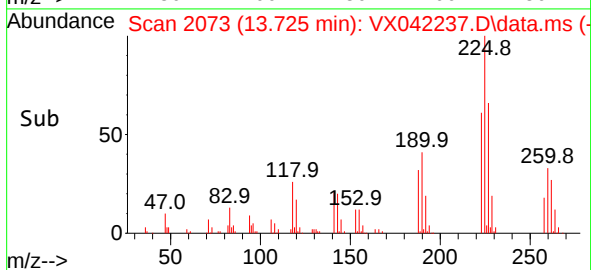
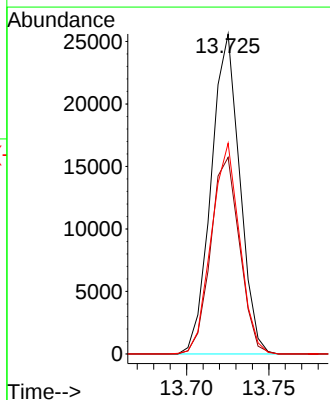
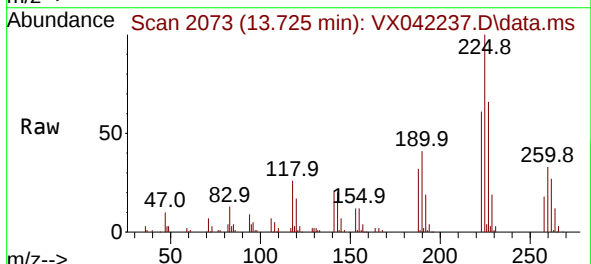
Manual Integrations
APPROVED

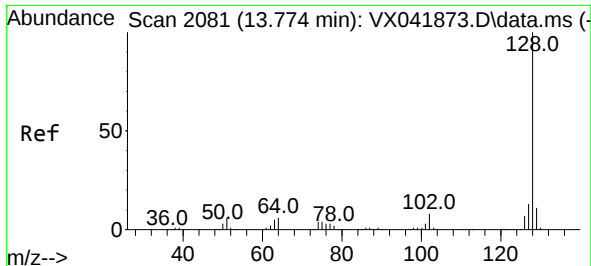
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#90
Hexachlorobutadiene
Concen: 21.978 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

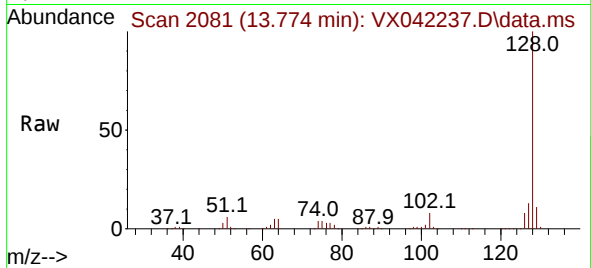
Tgt Ion:225 Resp: 30955
Ion Ratio Lower Upper
225 100
223 62.2 0.0 120.8
227 65.2 0.0 126.6





#91
Naphthalene
Concen: 20.536 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

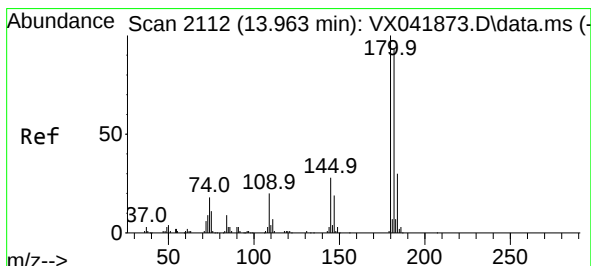
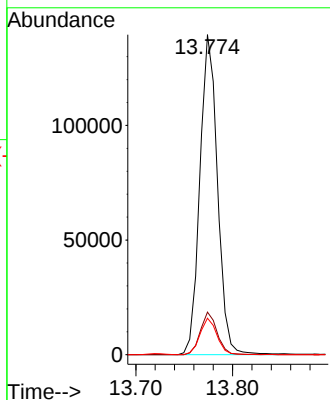
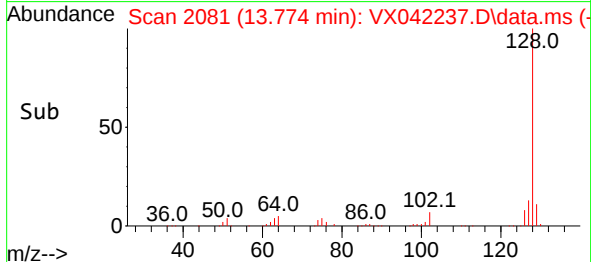
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 17735
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#92
1,2,3-Trichlorobenzene
Concen: 21.101 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042237.D
Acq: 09 Jul 2024 09:41

Tgt Ion:180 Resp: 62460
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.8
145 29.8 0.0 58.4

