

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060622\
 Data File : VW025997.D
 Acq On : 06 Jun 2022 13:10
 Operator : SY/MD
 Sample : N3171-03MEMS
 Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 02:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	375422	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	387771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	225015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	146352	30.206	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.420%
7) Chloroethane-d5	1.571	69	121889	28.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.300%#
11) 1,1-Dichloroethene-d2	2.095	63	297343	35.089	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.180%
21) 2-Butanone-d5	3.915	46	133704m	64.383	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.380%
24) Chloroform-d	4.342	84	277537	41.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.020%
26) 1,2-Dichloroethane-d4	5.027	65	160434	39.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.460%
32) Benzene-d6	5.043	84	548782	40.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.066	67	171182	41.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.460%
41) Toluene-d8	7.313	98	510511	40.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.980%
43) trans-1,3-Dichloroprop...	7.622	79	78878	42.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.120%
47) 2-Hexanone-d5	8.111	63	123309	81.006	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.010%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	236812	42.769	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.540%
66) 1,2-Dichlorobenzene-d4	11.625	152	204552	41.442	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	152871	39.384	ug/L	99
3) Chloromethane	1.243	50	194363	41.404	ug/L	99
5) Vinyl chloride	1.314	62	194468	40.747	ug/L	100
6) Bromomethane	1.523	94	103958	35.847	ug/L	98
8) Chloroethane	1.587	64	120452	33.795	ug/L	97
9) Trichlorofluoromethane	1.748	101	312358	46.054	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	159538	44.273	ug/L	96
12) 1,1-Dichloroethene	2.105	96	148321	41.849	ug/L	91
13) Acetone	2.191	43	133073	93.903	ug/L	99
14) Carbon disulfide	2.278	76	421589	48.091	ug/L	100
15) Methyl Acetate	2.436	43	138975	45.774	ug/L	100
16) Methylene chloride	2.497	84	169531	49.384	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	148644	48.816	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	468487	52.901	ug/L	98
19) 1,1-Dichloroethane	3.182	63	287599	50.568	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	164416	50.024	ug/L	99
22) 2-Butanone	3.995	43	155410	82.232	ug/L #	69
23) Bromochloromethane	4.240	128	86232	49.671	ug/L	98
25) Chloroform	4.368	83	296171	49.142	ug/L	100

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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	216260	47.461	ug/L	99
29) Cyclohexane	4.667	56	235340	50.130	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	252289	47.906	ug/L	99
31) Carbon tetrachloride	4.818	117	211516	47.840	ug/L	100
33) Benzene	5.092	78	644618	49.370	ug/L	100
34) Trichloroethene	5.908	95	165535	48.472	ug/L	99
35) Methylcyclohexane	6.124	83	263461	51.510	ug/L	99
37) 1,2-Dichloropropane	6.169	63	166828	50.863	ug/L	100
38) Bromodichloromethane	6.506	83	216130	48.728	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	242983	51.950	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	381056	99.390	ug/L #	76
42) Toluene	7.384	91	702482	50.153	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	233070	51.795	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	169442	50.843	ug/L	99
46) Tetrachloroethene	7.973	164	126094	50.055	ug/L	97
48) 2-Hexanone	8.159	43	306295	102.678	ug/L	97
49) Dibromochloromethane	8.246	129	171731	52.241	ug/L	99
50) 1,2-Dibromoethane	8.352	107	170639	50.350	ug/L	100
51) Chlorobenzene	8.882	112	445307	49.648	ug/L	98
52) Ethylbenzene	9.011	91	749734	51.882	ug/L	100
53) m,p-Xylene	9.136	106	294797	52.595	ug/L	100
54) o-Xylene	9.545	106	286714	52.073	ug/L	99
55) Styrene	9.561	104	523460	54.562	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	252464	50.773	ug/L	99
59) Bromoform	9.735	173	108695	50.076	ug/L	98
60) Isopropylbenzene	9.931	105	764830	50.744	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	203973	45.798	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	401174	51.638	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	636789	52.829	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	363065	50.889	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	368224	49.249	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	359019	48.651	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42763	41.588	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	253948	51.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	213773	50.962	ug/L	99
71) Naphthalene	13.500	128	606517	48.822	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	216830	50.724	ug/L	100

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

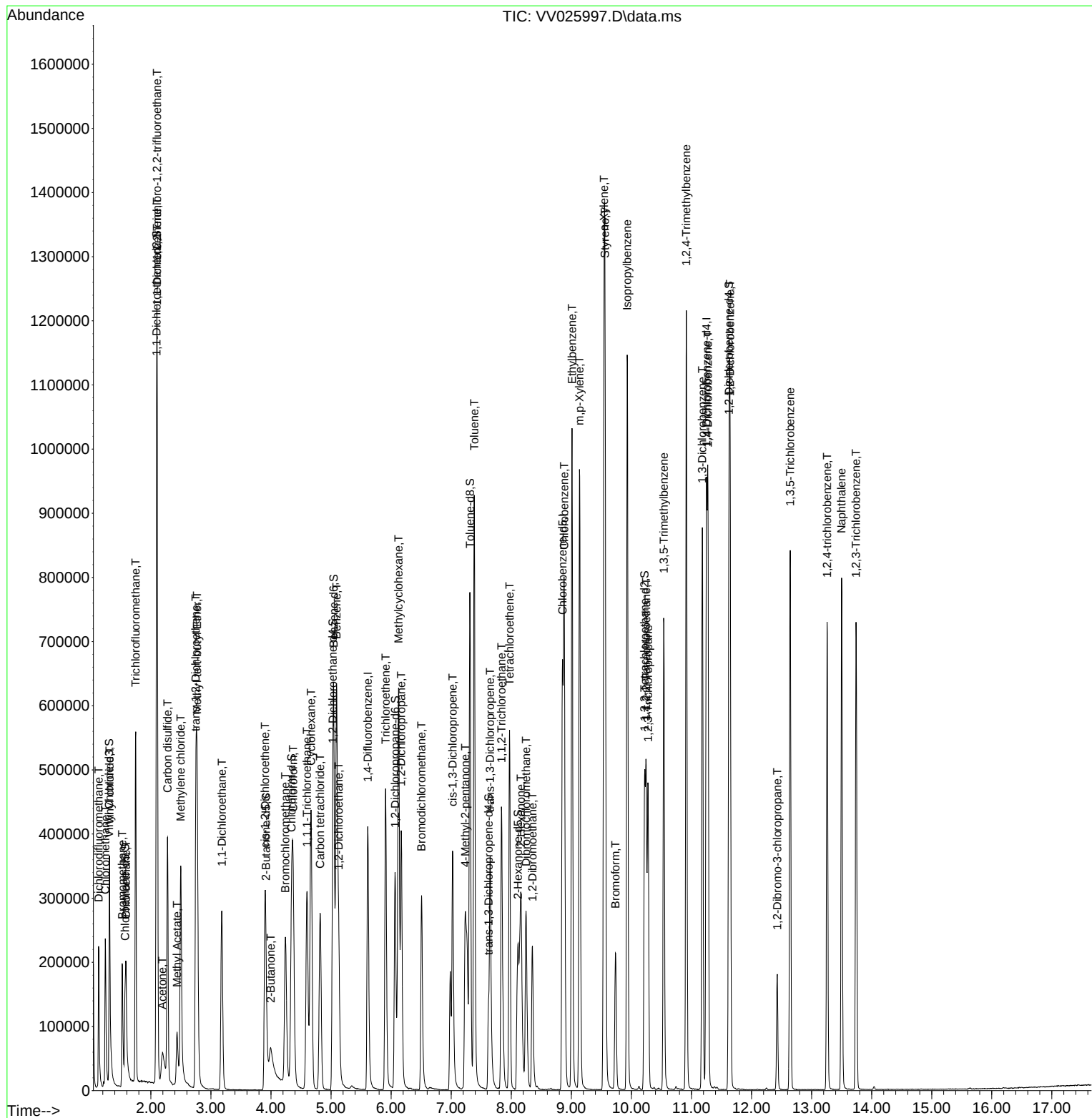
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
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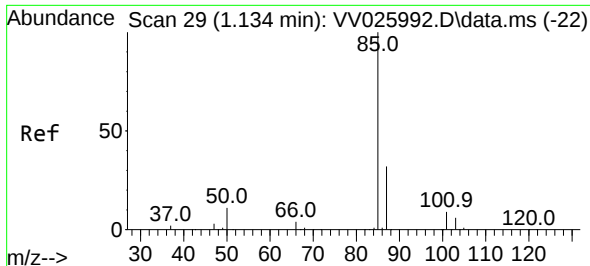
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS

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Quant Title : VOC Analysis
QLast Update : Tue Jun 07 02:25:55 2022
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 39.384 ug/L
RT: 1.130 min Scan# 29
Delta R.T. -0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

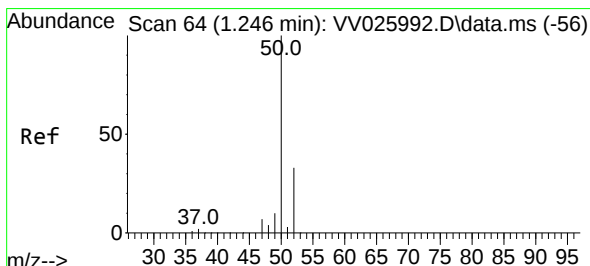
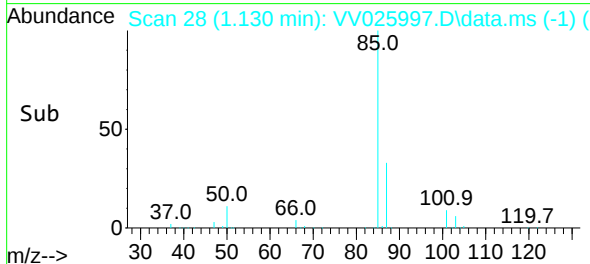
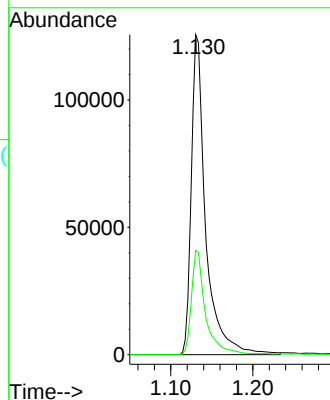
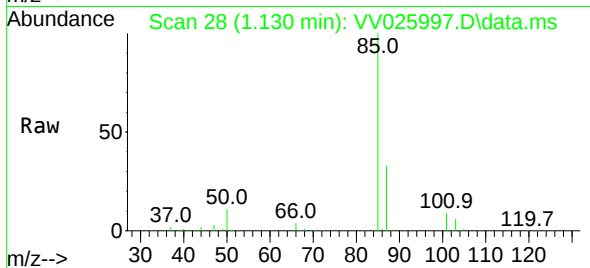
DBTY9MEMS

Tgt Ion: 85 Resp: 15287
Ion Ratio Lower Upper
85 100
87 31.9 26.0 39.0

Manual Integrations

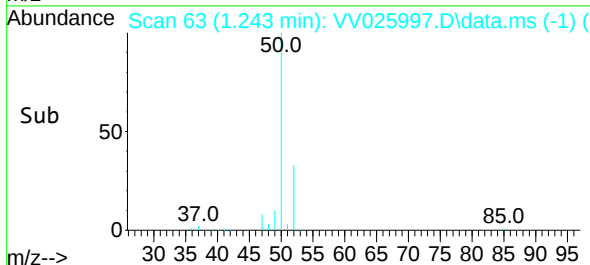
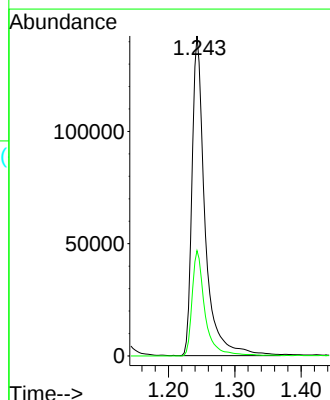
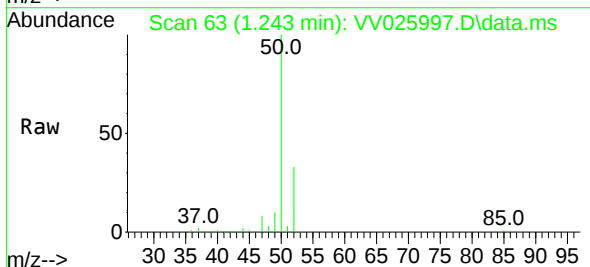
APPROVED

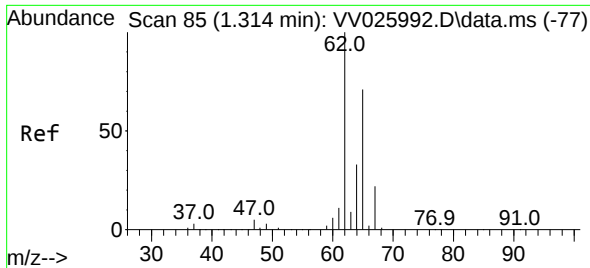
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#3
Chloromethane
Concen: 41.404 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

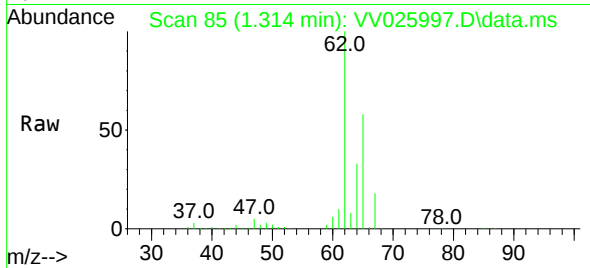
Tgt Ion: 50 Resp: 194363
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2





#5
 Vinyl chloride
 Concen: 40.747 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025997.D
 Acq: 06 Jun 2022 13:10

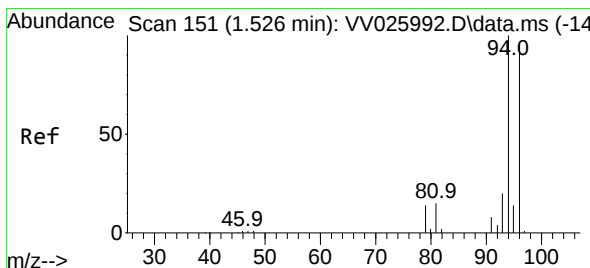
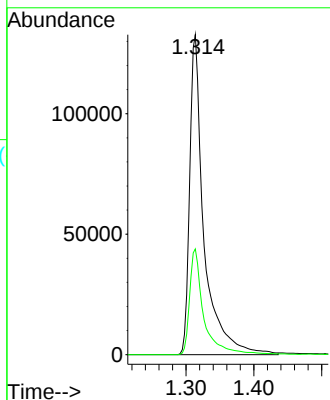
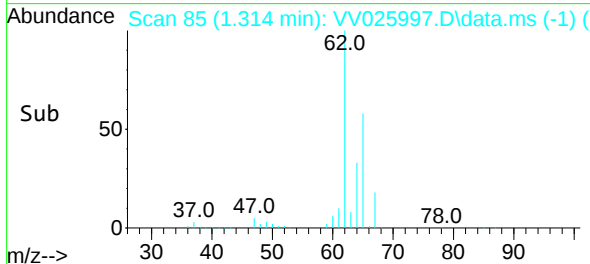
Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMS



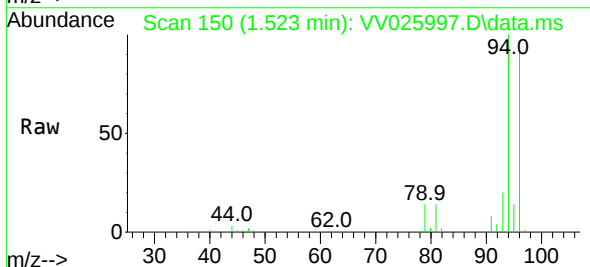
Tgt Ion: 62 Resp: 194468
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0

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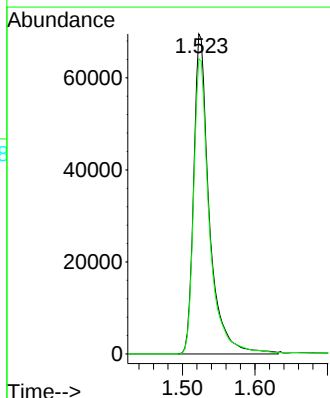
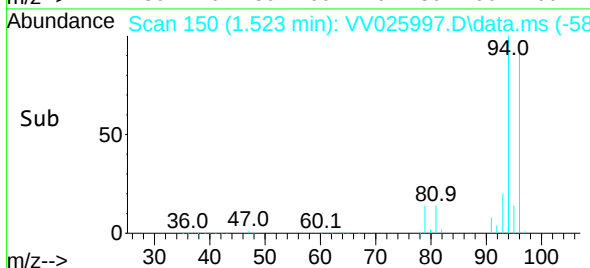
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

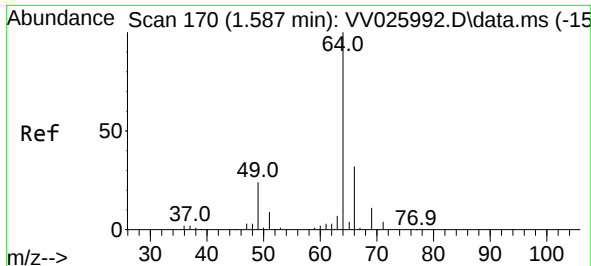


#6
 Bromomethane
 Concen: 35.847 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025997.D
 Acq: 06 Jun 2022 13:10



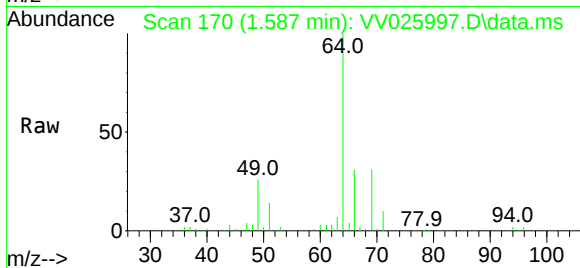
Tgt Ion: 94 Resp: 103958
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.9 122.3





#8
Chloroethane
Concen: 33.795 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

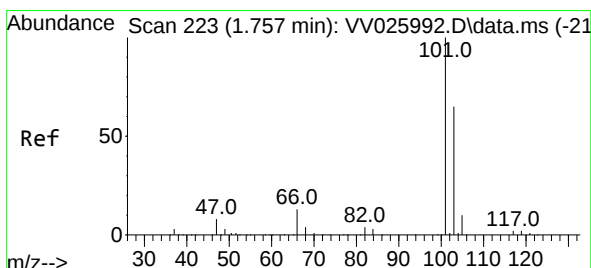
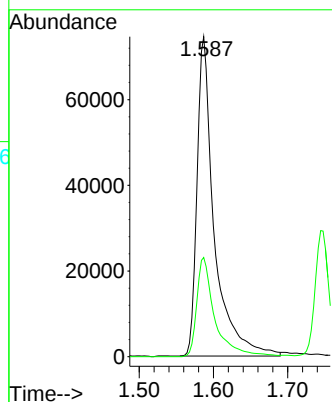
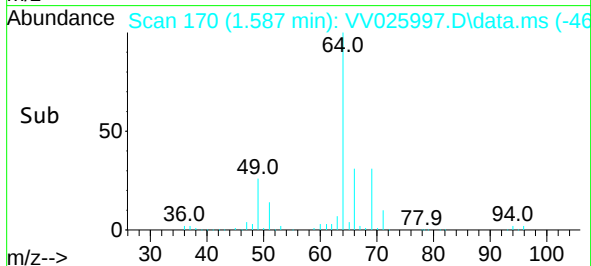
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



Tgt Ion: 64 Resp: 120452
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5

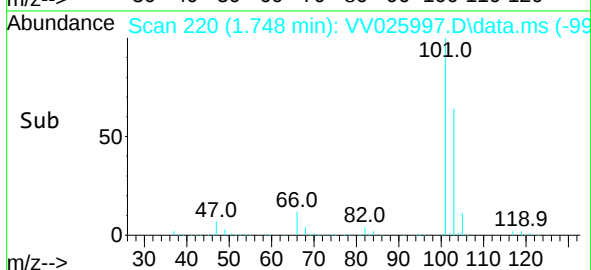
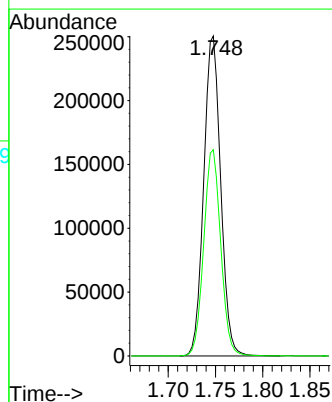
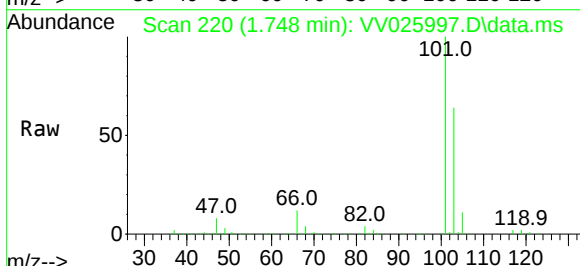
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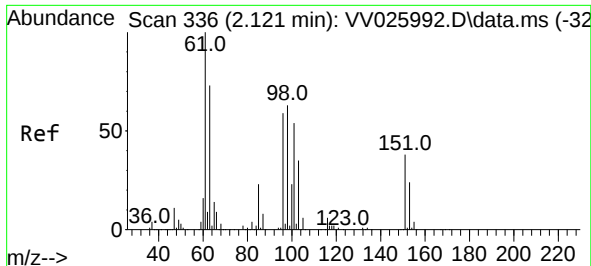
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#9
Trichlorofluoromethane
Concen: 46.054 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.010 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Tgt Ion:101 Resp: 312358
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.273 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS

Tgt Ion:101 Resp: 159538

Ion Ratio Lower Upper

101 100

85 45.0 34.6 51.8

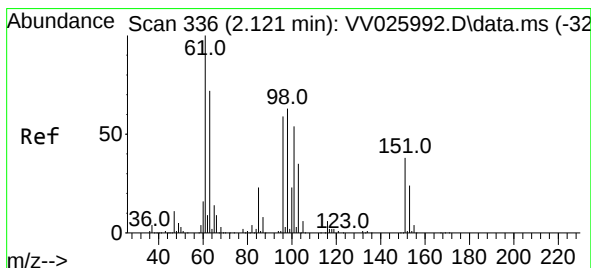
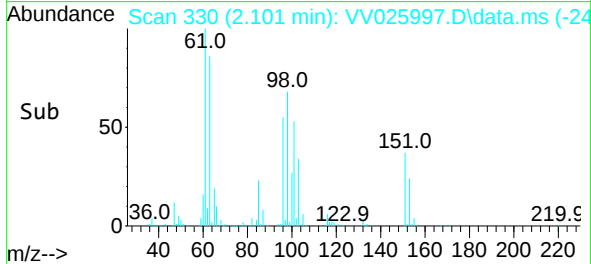
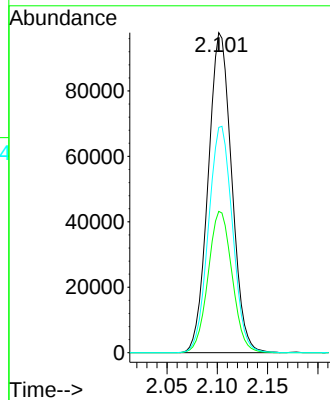
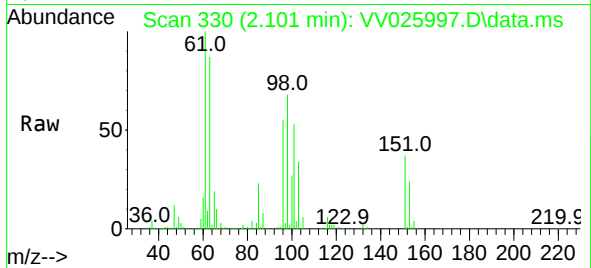
151 72.2 54.3 81.5

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 41.849 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.016 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

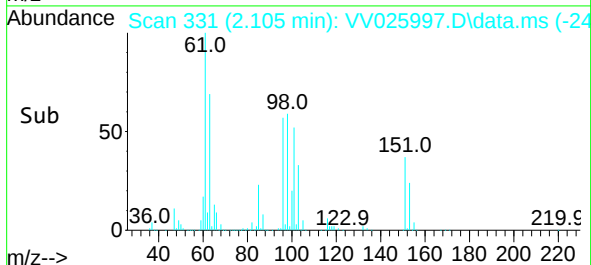
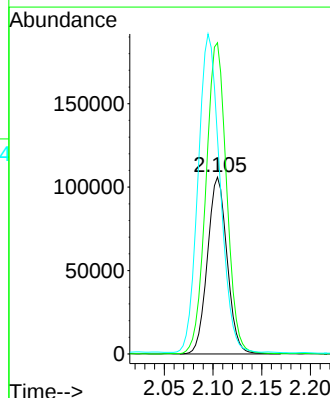
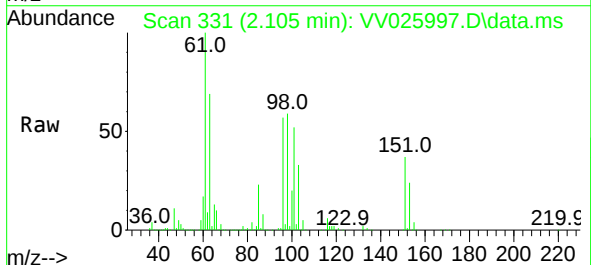
Tgt Ion: 96 Resp: 148321

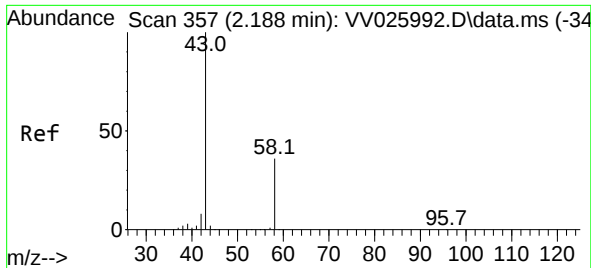
Ion Ratio Lower Upper

96 100

61 175.9 124.6 231.4

63 122.1 101.6 188.6





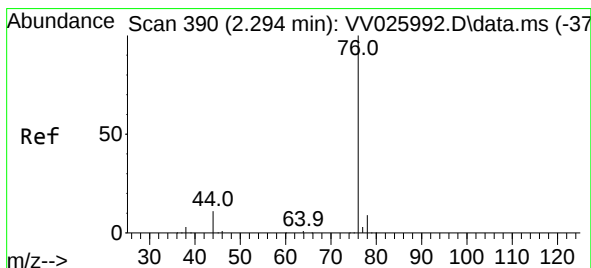
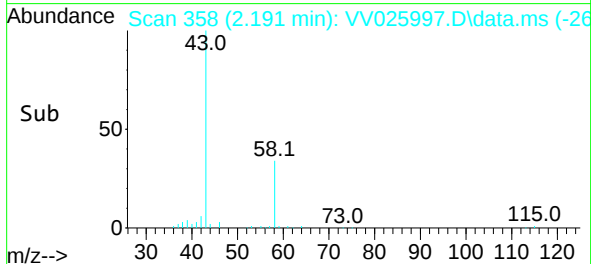
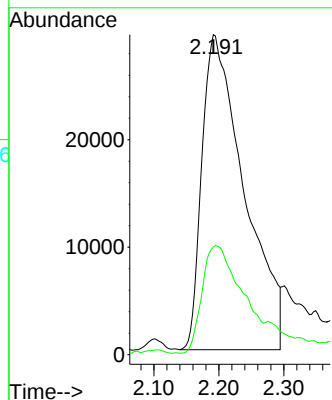
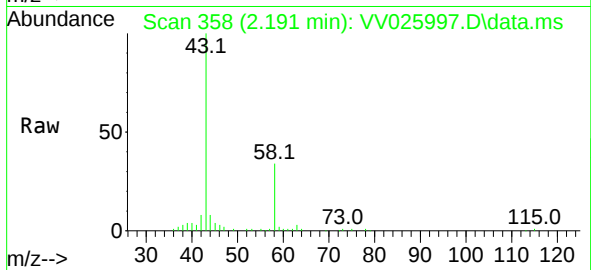
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Acetone
Concen: 93.903 ug/L
RT: 2.191 min Scan# 31
Delta R.T. 0.003 min
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Tgt Ion: 43 Resp: 13307
Ion Ratio Lower Upper
43 100
58 31.8 0.0 65.0

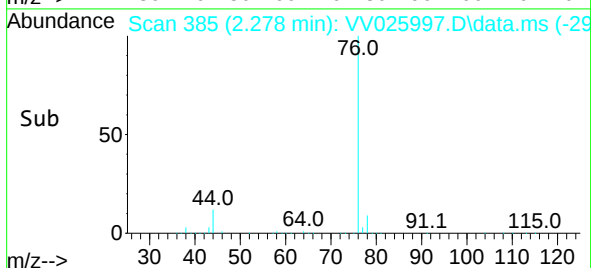
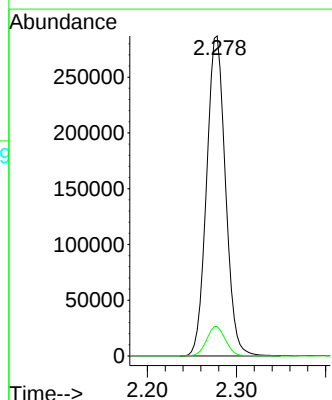
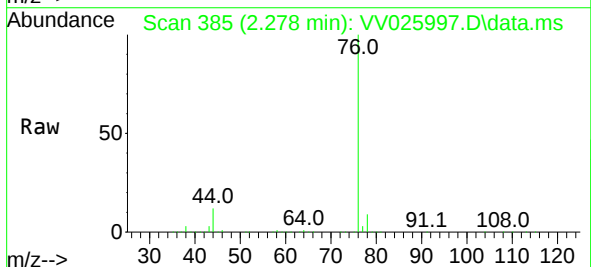
Manual Integrations
APPROVED

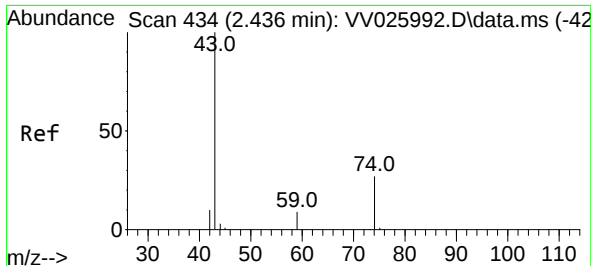
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#14
Carbon disulfide
Concen: 48.091 ug/L
RT: 2.278 min Scan# 385
Delta R.T. -0.016 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Tgt Ion: 76 Resp: 421589
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





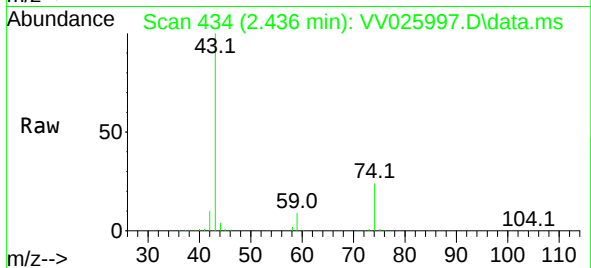
#15
Methyl Acetate
Concen: 45.774 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS

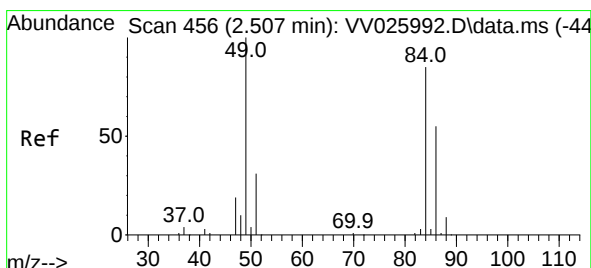
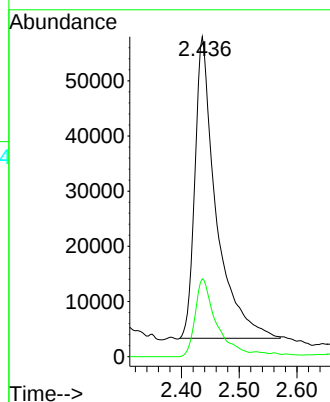
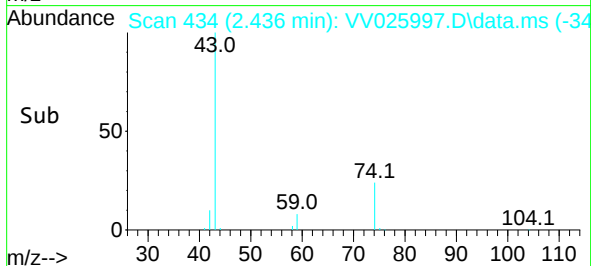


Tgt Ion: 43 Resp: 13897
Ion Ratio Lower Upper
43 100
74 25.8 20.7 31.1

Manual Integrations

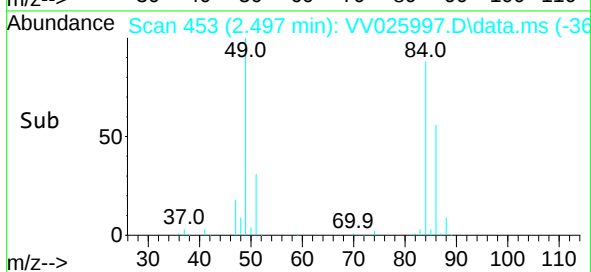
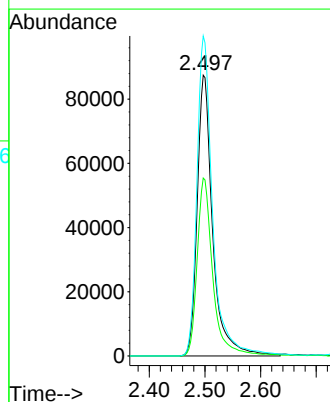
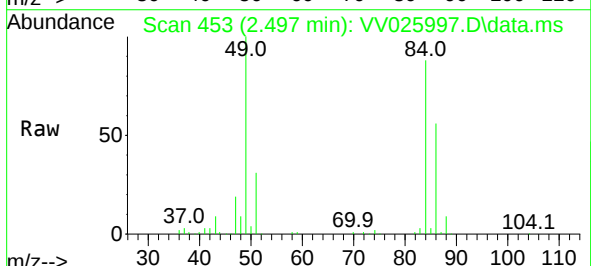
APPROVED

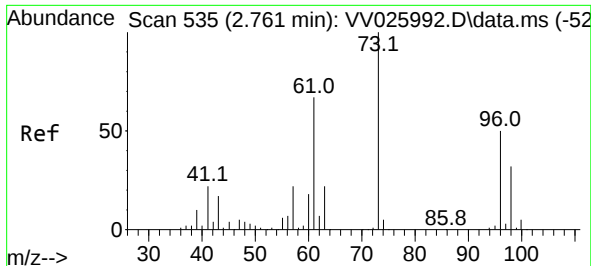
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#16
Methylene chloride
Concen: 49.384 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.010 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

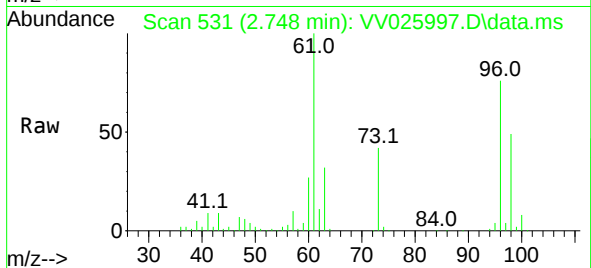
Tgt Ion: 84 Resp: 169531
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.0
49 113.9 82.7 153.5





#17
trans-1,2-Dichloroethene
Concen: 48.816 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

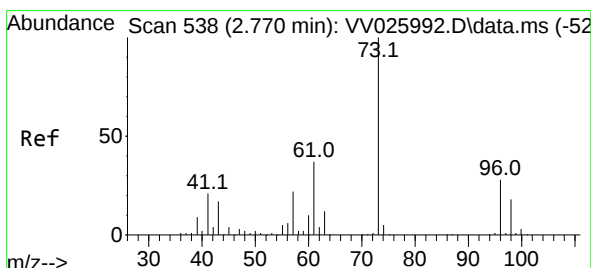
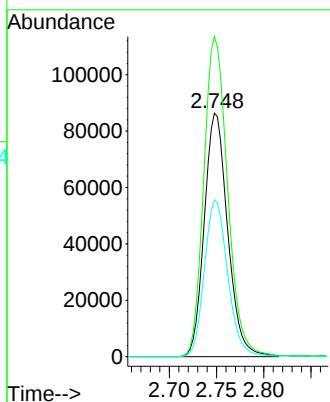
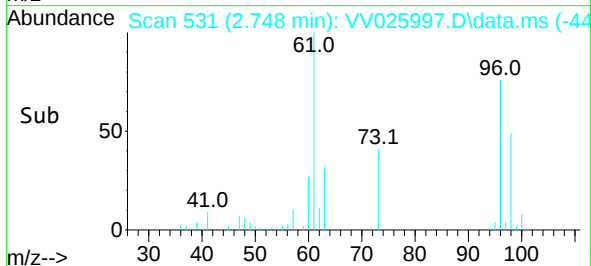
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



Tgt Ion: 96 Resp: 148644
Ion Ratio Lower Upper
96 100
61 131.4 92.7 172.1
98 64.4 43.1 80.1

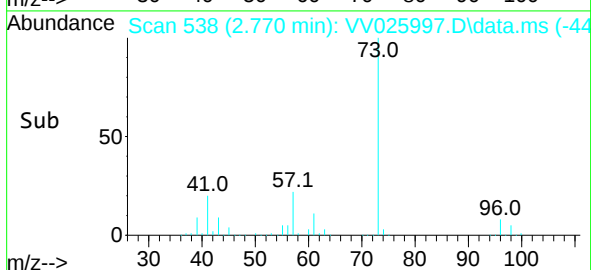
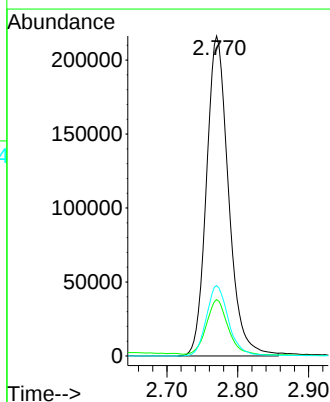
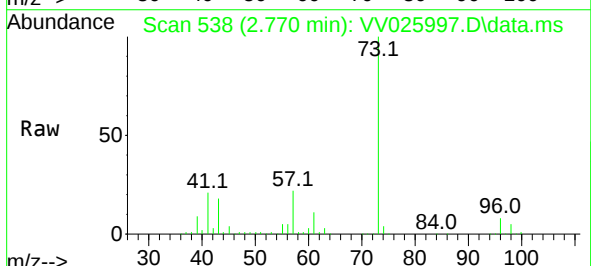
Manual Integrations
APPROVED

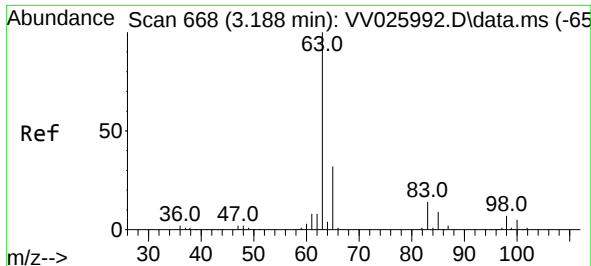
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#18
Methyl tert-butyl Ether
Concen: 52.901 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Tgt Ion: 73 Resp: 468487
Ion Ratio Lower Upper
73 100
43 16.6 14.6 22.0
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.568 ug/L

RT: 3.182 min Scan# 60

Delta R.T. -0.006 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS

Tgt Ion: 63 Resp: 287599

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

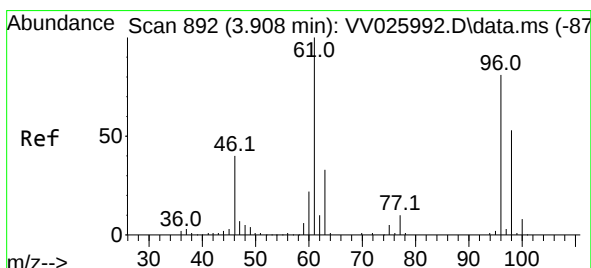
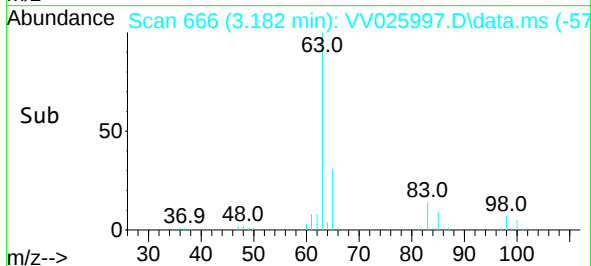
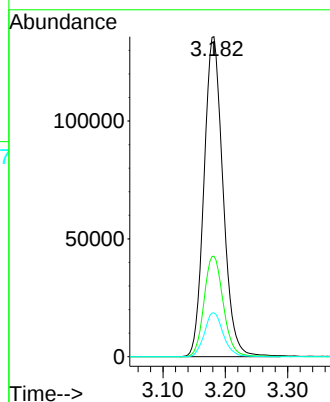
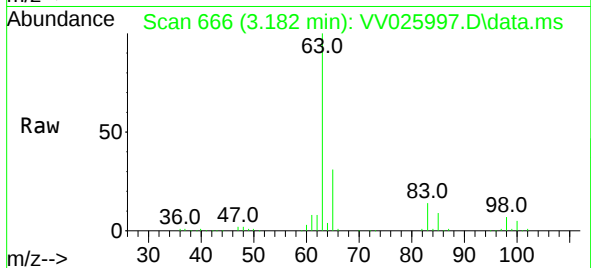
83 13.7 9.2 17.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#20

cis-1,2-Dichloroethene

Concen: 50.024 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

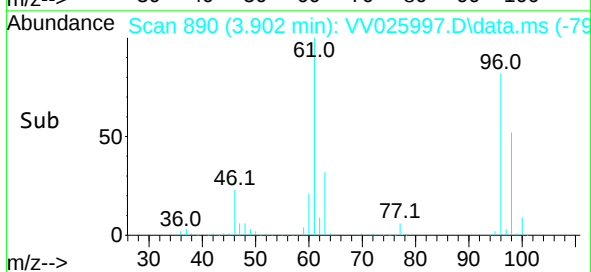
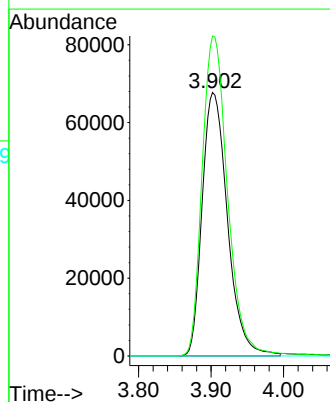
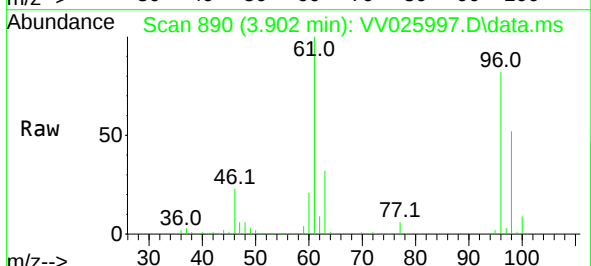
Tgt Ion: 96 Resp: 164416

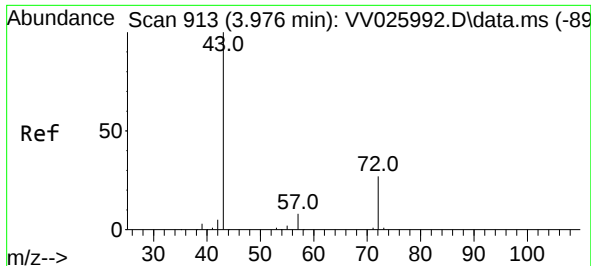
Ion Ratio Lower Upper

96 100

61 121.4 86.0 159.6

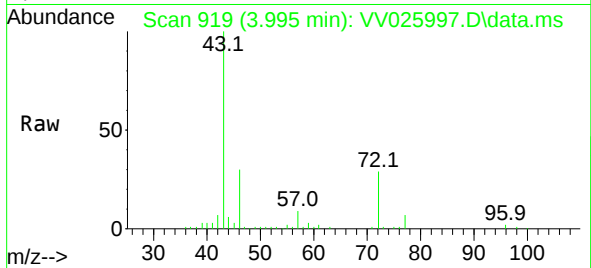
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 82.232 ug/L
RT: 3.995 min Scan# 913
Delta R.T. 0.019 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

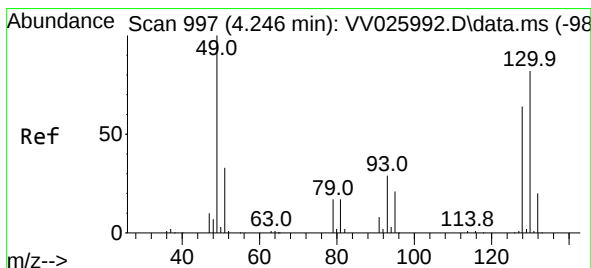
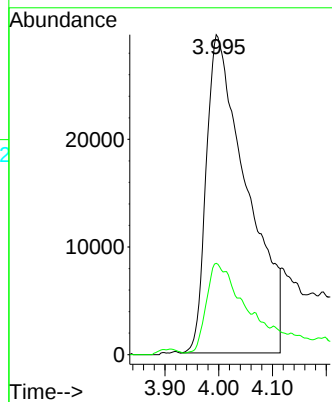
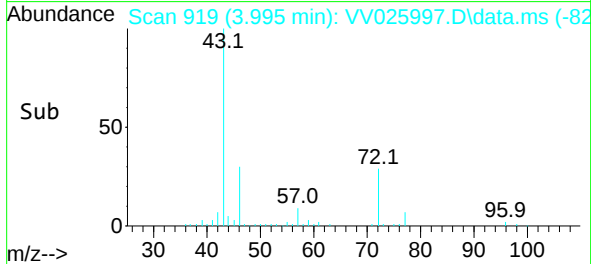
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



Tgt Ion: 43 Resp: 155410
Ion Ratio Lower Upper
43 100
72 11.2 13.8 41.4

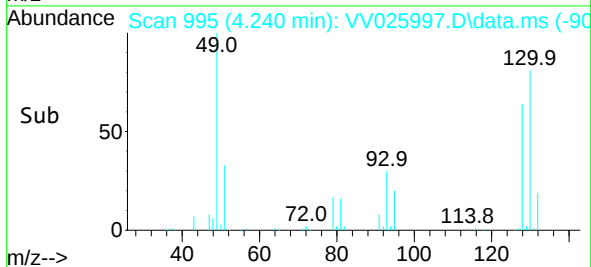
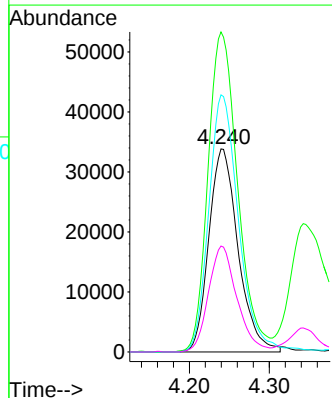
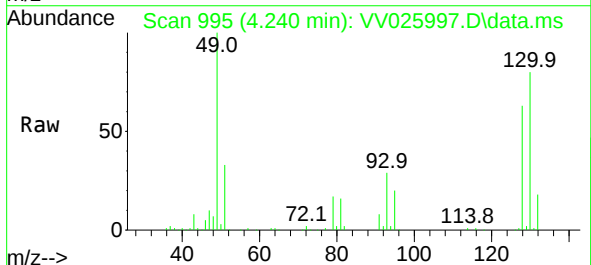
Manual Integrations
APPROVED

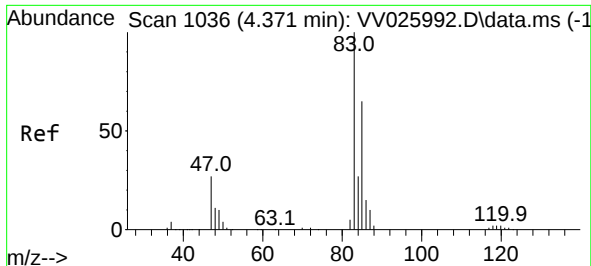
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#23
Bromochloromethane
Concen: 49.671 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.006 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Tgt Ion:128 Resp: 86232
Ion Ratio Lower Upper
128 100
49 157.6 111.0 206.2
130 126.6 87.1 161.7
51 52.2 38.6 57.8





#25

Chloroform

Concen: 49.142 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS

Tgt Ion: 83 Resp: 29617

Ion Ratio Lower Upper

83 100

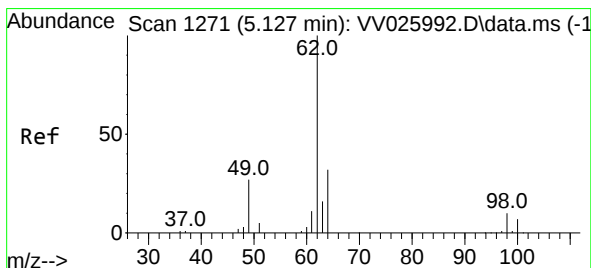
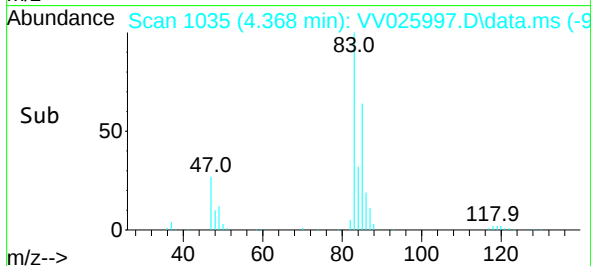
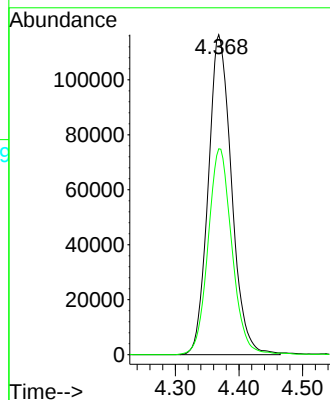
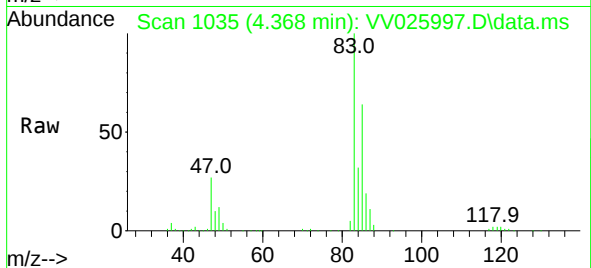
85 64.3 44.9 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#27

1,2-Dichloroethane

Concen: 47.461 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025997.D

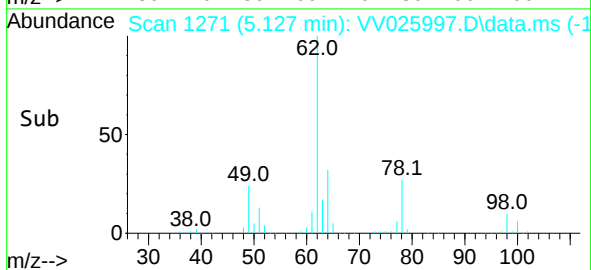
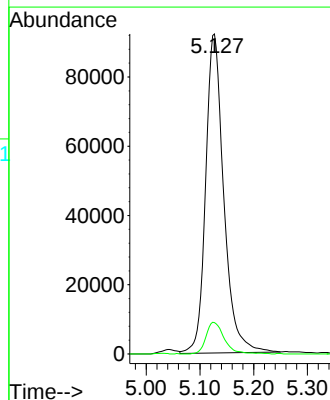
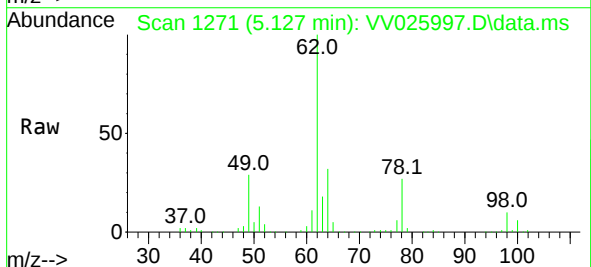
Acq: 06 Jun 2022 13:10

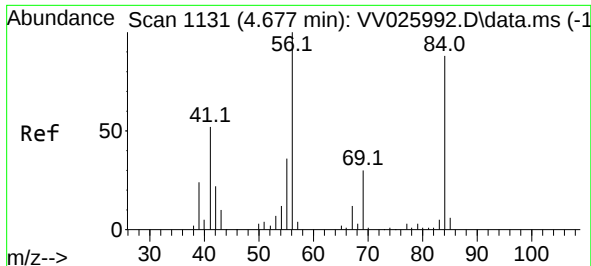
Tgt Ion: 62 Resp: 216260

Ion Ratio Lower Upper

62 100

98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 50.130 ug/L

RT: 4.667 min Scan# 1131

Delta R.T. -0.010 min

Lab File: VV025997.D

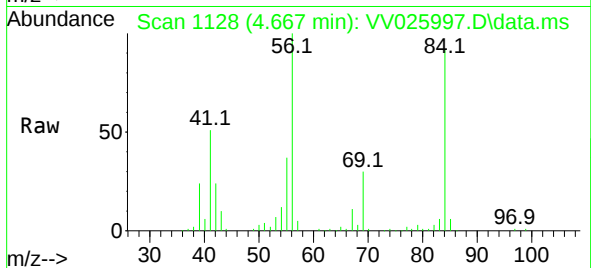
Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS



Tgt Ion: 56 Resp: 235340

Ion Ratio Lower Upper

56 100

69 30.1 24.8 37.2

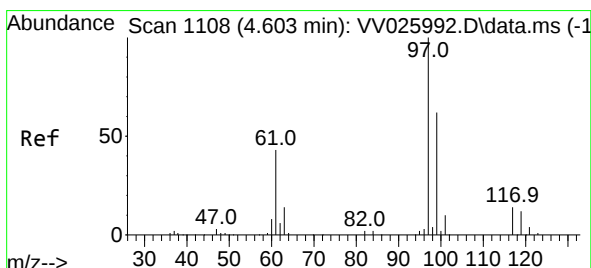
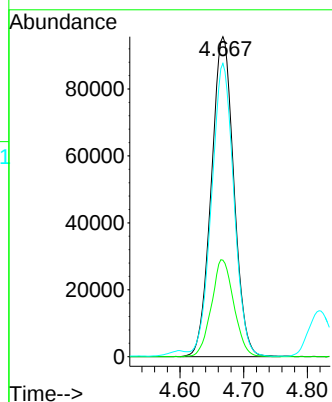
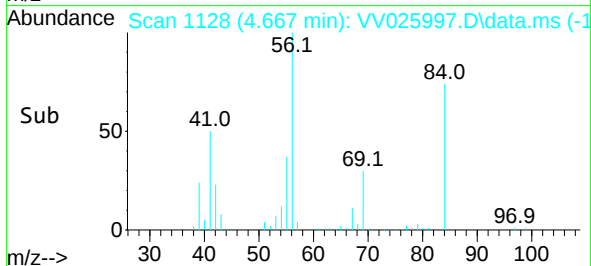
84 90.7 73.8 110.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#30

1,1,1-Trichloroethane

Concen: 47.906 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

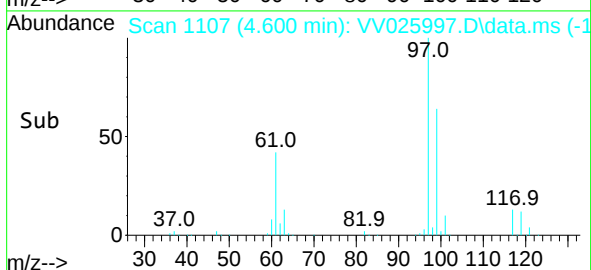
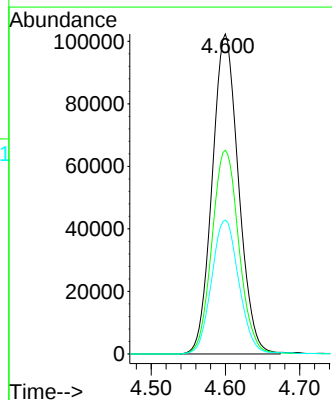
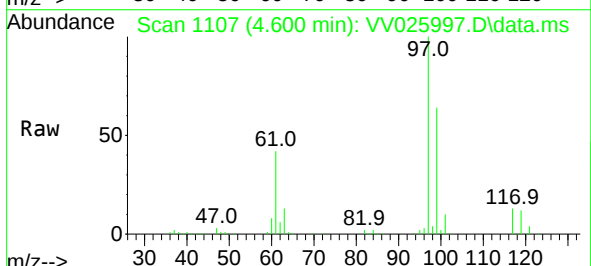
Tgt Ion: 97 Resp: 252289

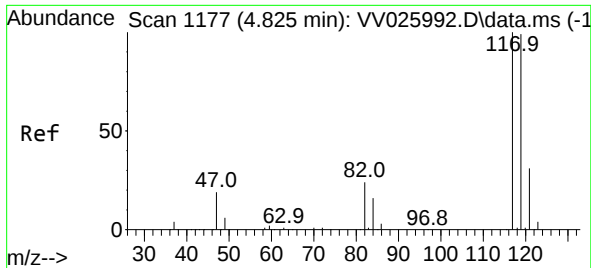
Ion Ratio Lower Upper

97 100

99 65.1 52.6 78.8

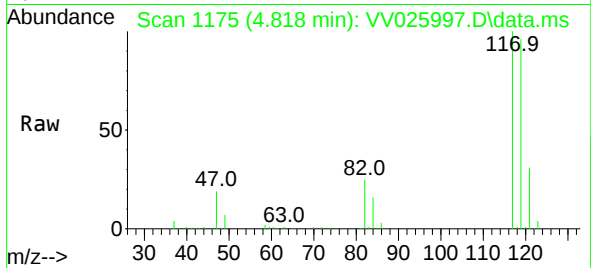
61 43.6 35.6 53.4





#31
Carbon tetrachloride
Concen: 47.840 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

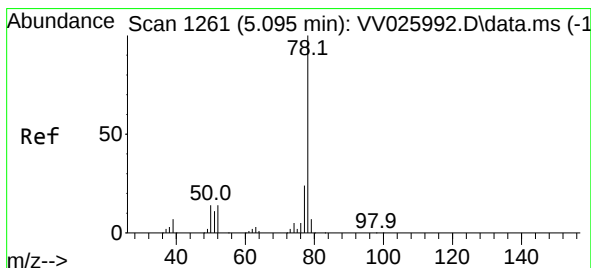
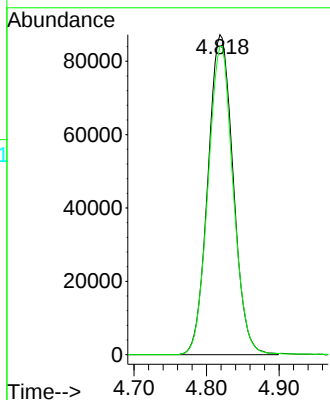
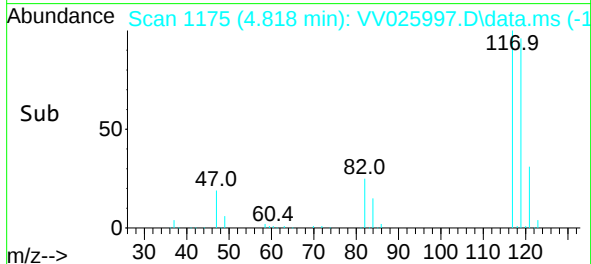
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



Tgt Ion:117 Resp: 211510
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3

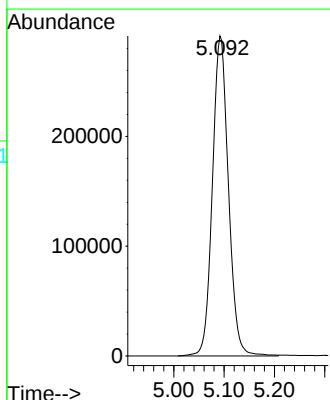
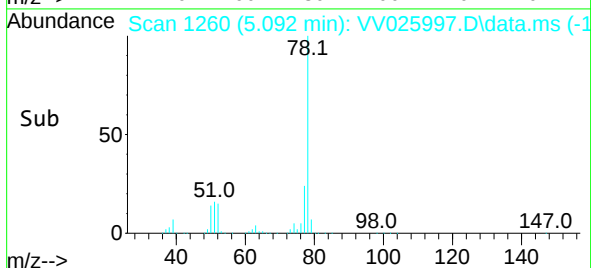
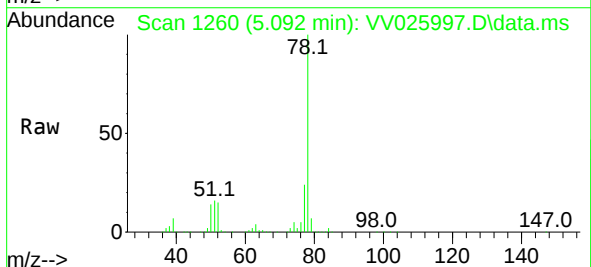
Manual Integrations
APPROVED

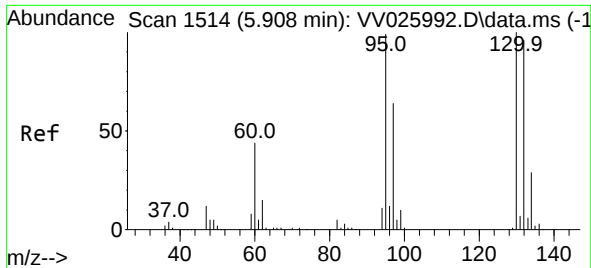
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#33
Benzene
Concen: 49.370 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Tgt Ion: 78 Resp: 644618





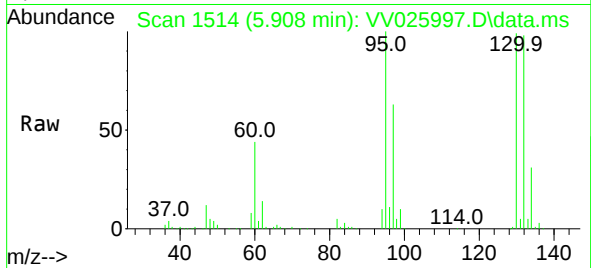
#34
Trichloroethene
Concen: 48.472 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS



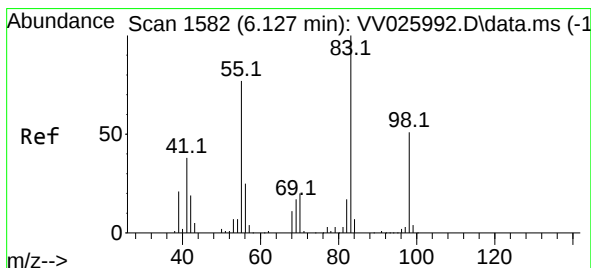
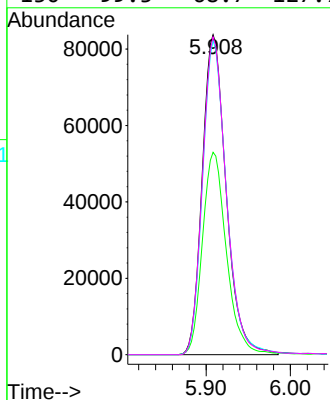
Tgt Ion: 95 Resp: 16553
Ion Ratio Lower Upper
95 100
97 63.3 44.2 82.0
132 98.1 67.7 125.7
130 99.3 68.7 127.7

Manual Integrations

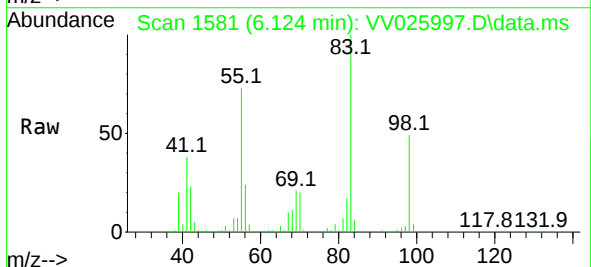
APPROVED

Reviewed By :John Carlone 06/07/2022

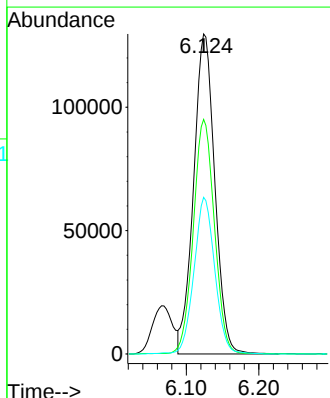
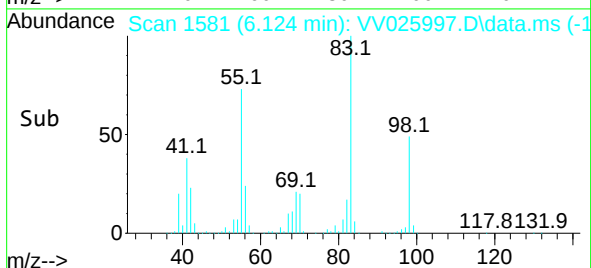
Supervised By :Mahesh Dadoda 06/07/2022

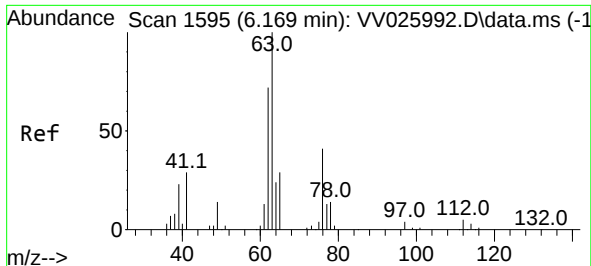


#35
Methylcyclohexane
Concen: 51.510 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



Tgt Ion: 83 Resp: 263461
Ion Ratio Lower Upper
83 100
55 72.8 58.6 87.8
98 47.9 39.1 58.7





#37

1,2-Dichloropropane

Concen: 50.863 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS

Tgt Ion: 63 Resp: 166828

Ion Ratio Lower Upper

63 100

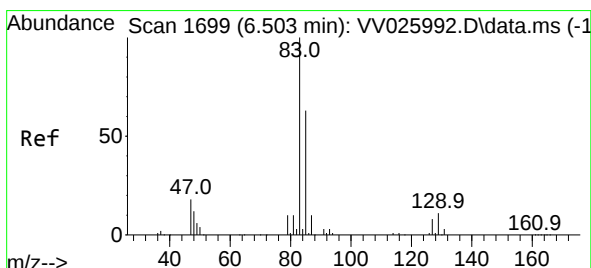
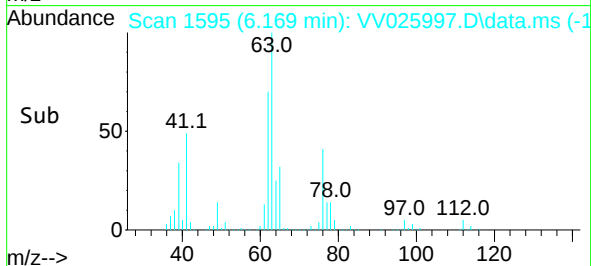
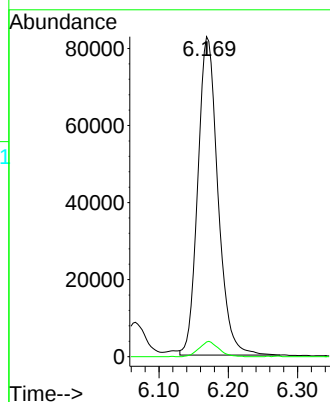
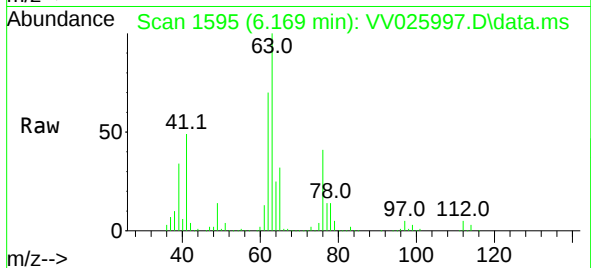
112 4.7 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#38

Bromodichloromethane

Concen: 48.728 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

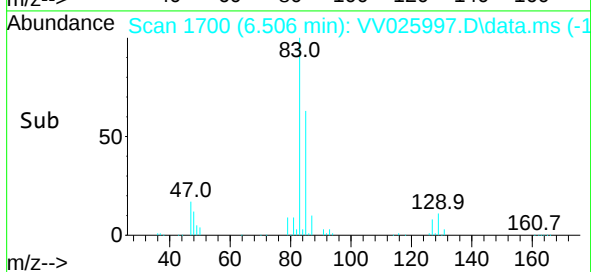
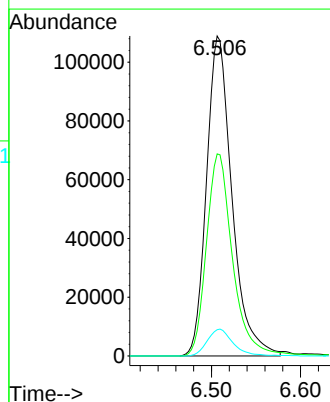
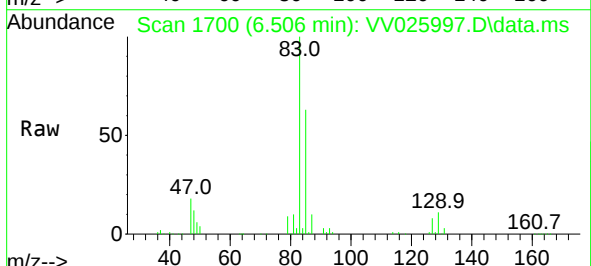
Tgt Ion: 83 Resp: 216130

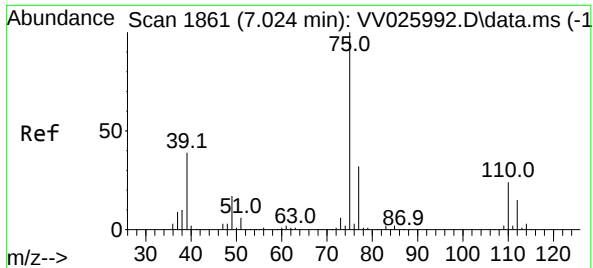
Ion Ratio Lower Upper

83 100

85 63.1 46.0 85.4

127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 51.950 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS

Tgt Ion: 75 Resp: 24298

Ion Ratio Lower Upper

75 100

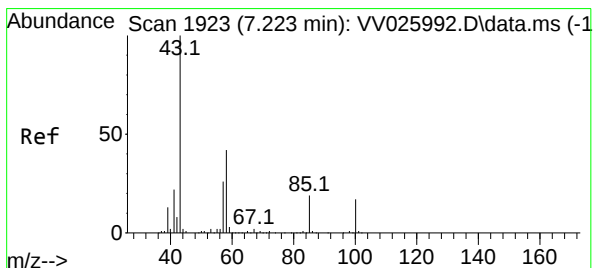
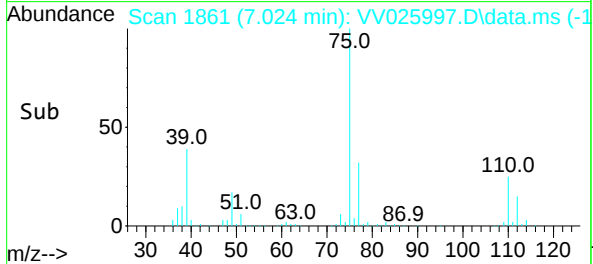
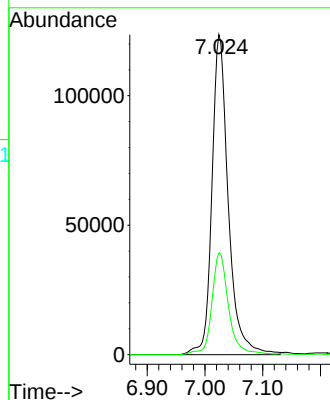
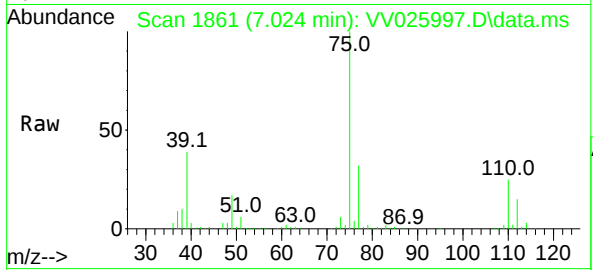
77 31.8 22.4 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

4-Methyl-2-pentanone

Concen: 99.390 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.013 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

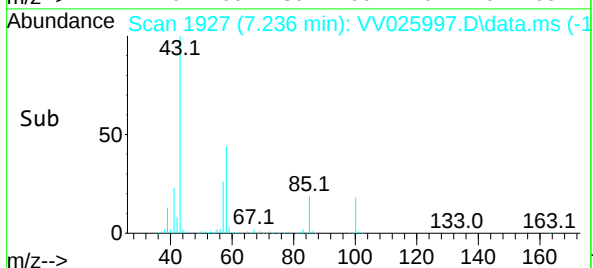
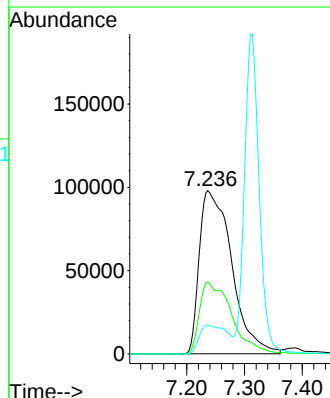
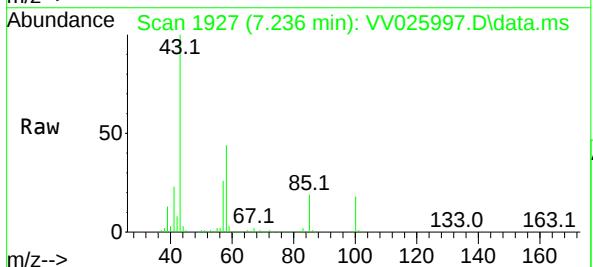
Tgt Ion: 43 Resp: 381056

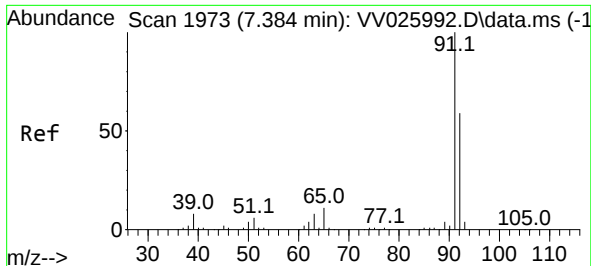
Ion Ratio Lower Upper

43 100

58 20.5 32.9 49.3#

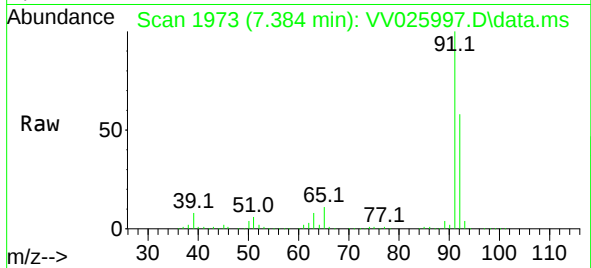
100 15.3 13.7 20.5





#42
Toluene
Concen: 50.153 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

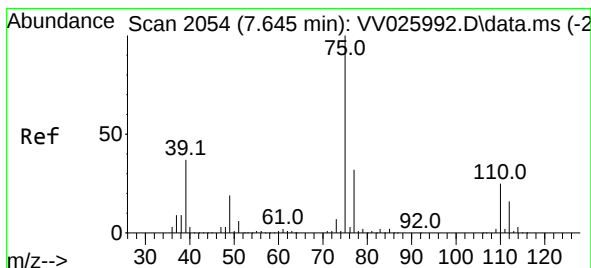
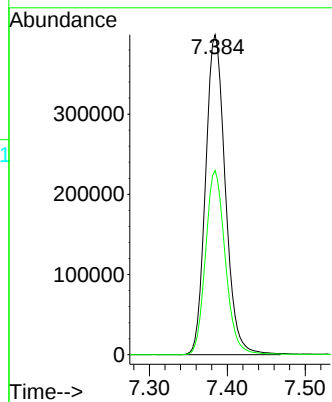
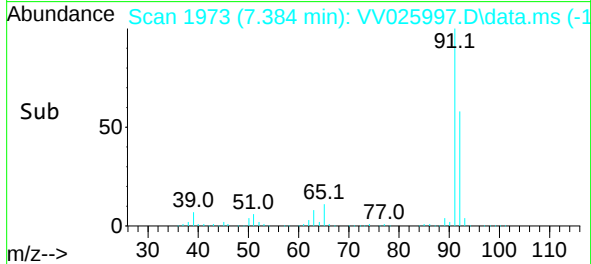
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



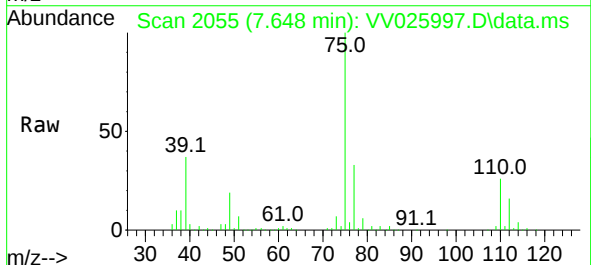
Tgt Ion: 91 Resp: 70248
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.3

Manual Integrations
APPROVED

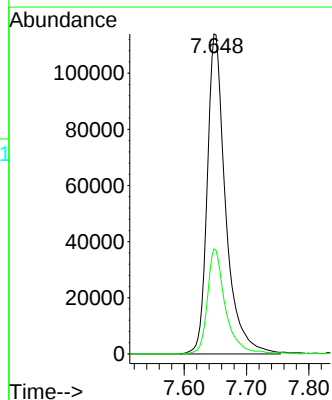
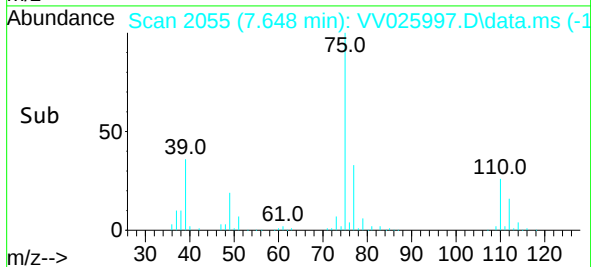
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

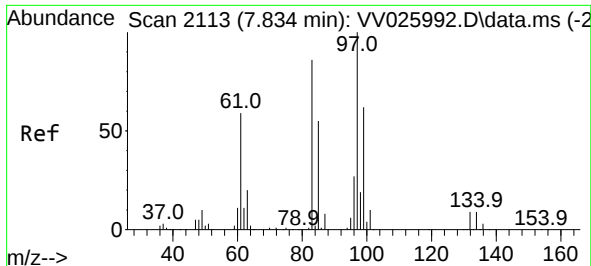


#44
trans-1,3-Dichloropropene
Concen: 51.795 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



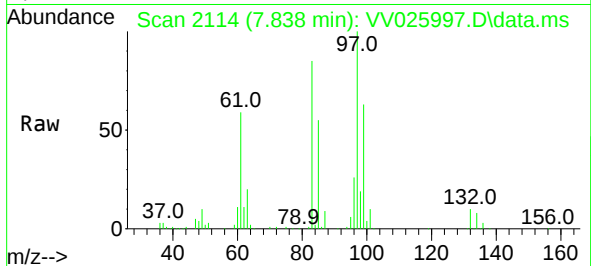
Tgt Ion: 75 Resp: 233070
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 50.843 ug/L
RT: 7.838 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

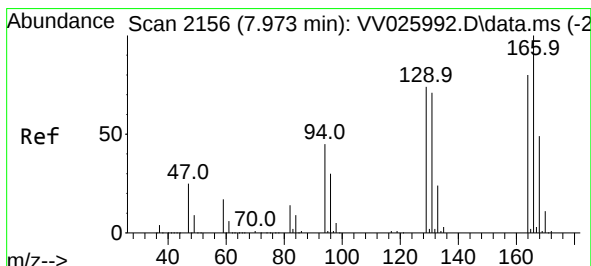
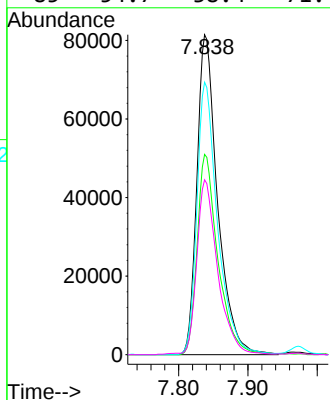
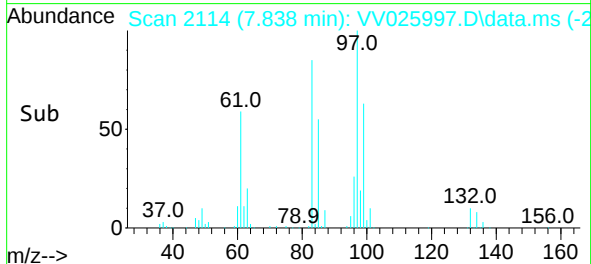
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



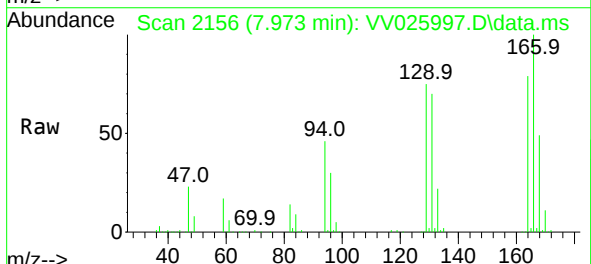
Tgt Ion: 97 Resp: 16944
Ion Ratio Lower Upper
97 100
99 62.6 42.6 79.0
83 85.2 59.7 110.9
85 54.7 38.4 71.4

Manual Integrations
APPROVED

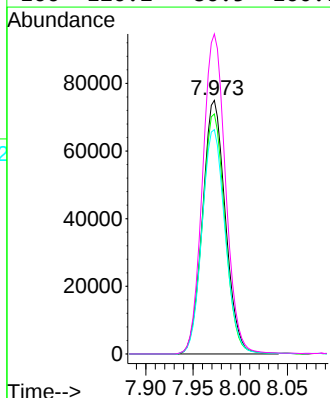
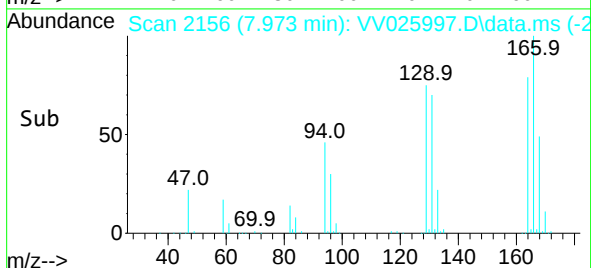
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

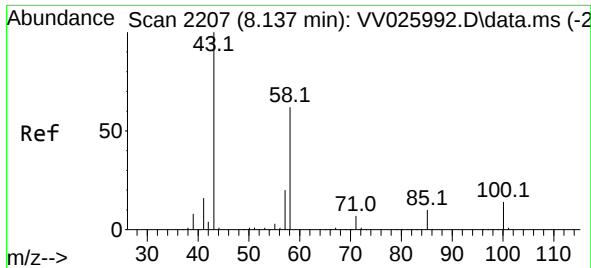


#46
Tetrachloroethene
Concen: 50.055 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



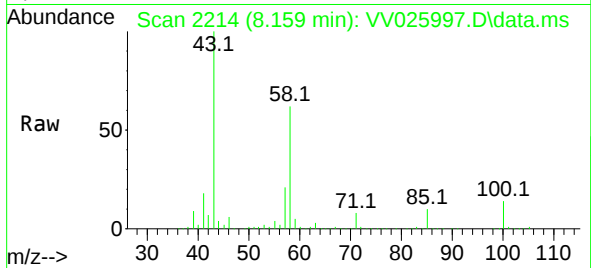
Tgt Ion:164 Resp: 126094
Ion Ratio Lower Upper
164 100
129 94.6 66.8 124.2
131 88.4 66.7 123.9
166 126.2 86.5 160.7





#48
2-Hexanone
Concen: 102.678 ug/L
RT: 8.159 min Scan# 211
Delta R.T. 0.022 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

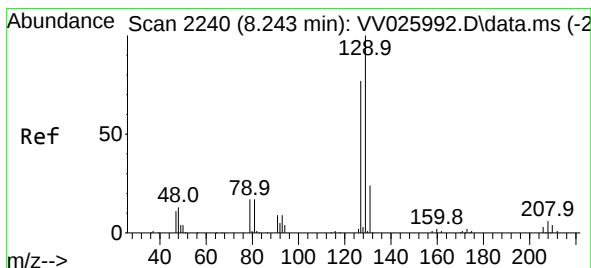
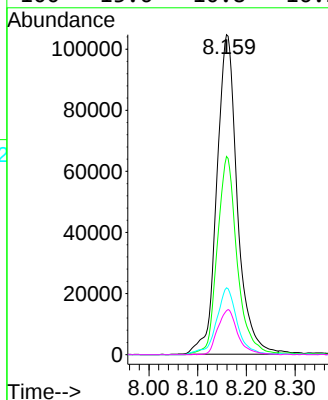
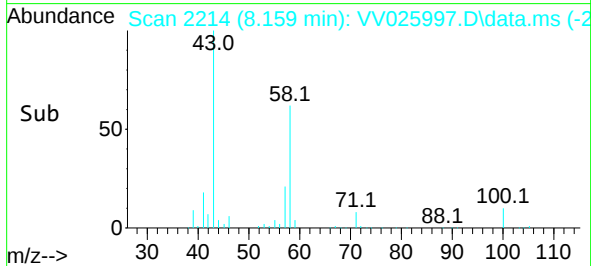
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



Tgt Ion: 43 Resp: 30629
Ion Ratio Lower Upper
43 100
58 60.1 45.9 68.9
57 21.2 15.4 23.2
100 13.6 10.8 16.2

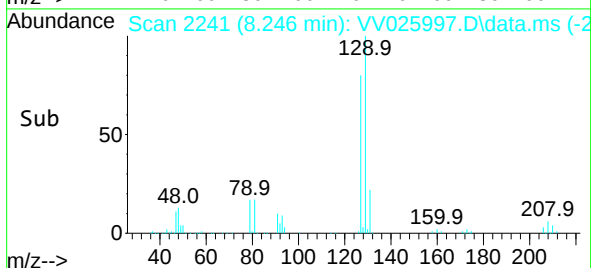
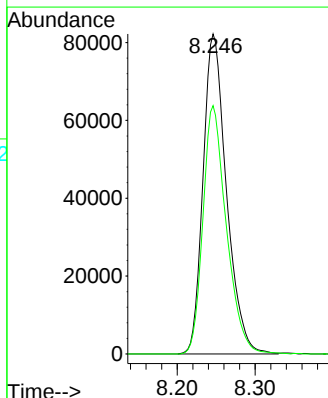
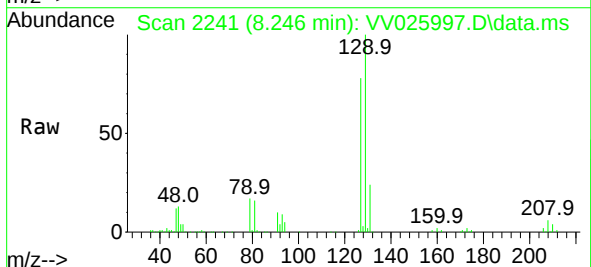
Manual Integrations
APPROVED

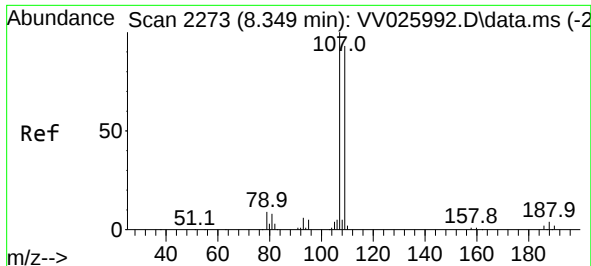
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#49
Dibromochloromethane
Concen: 52.241 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Tgt Ion:129 Resp: 171731
Ion Ratio Lower Upper
129 100
127 77.6 53.5 99.5





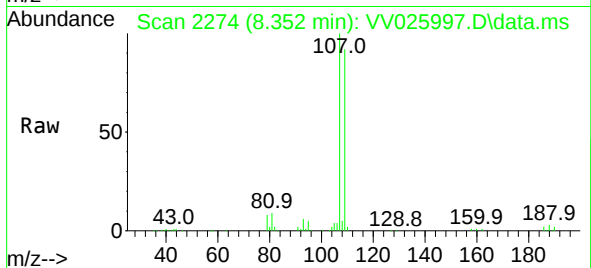
#50
1,2-Dibromoethane
Concen: 50.350 ug/L
RT: 8.352 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS



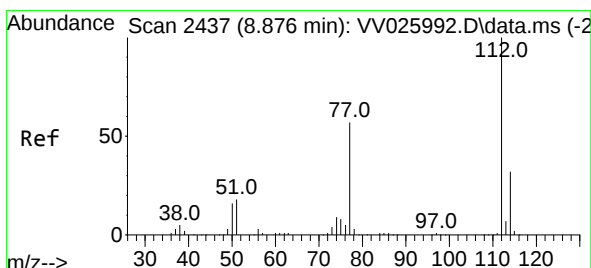
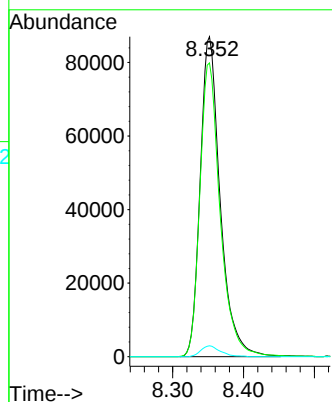
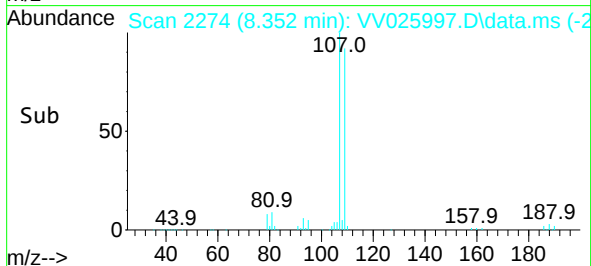
Tgt Ion:107 Resp: 170639
Ion Ratio Lower Upper
107 100
109 91.8 64.1 119.1
188 3.4 2.6 3.8

Manual Integrations

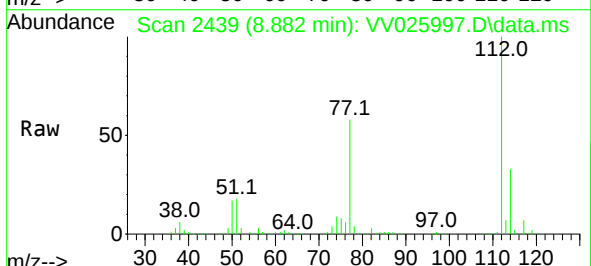
APPROVED

Reviewed By :John Carlone 06/07/2022

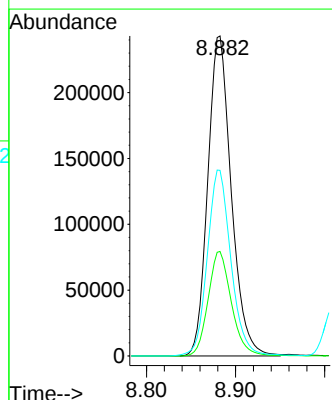
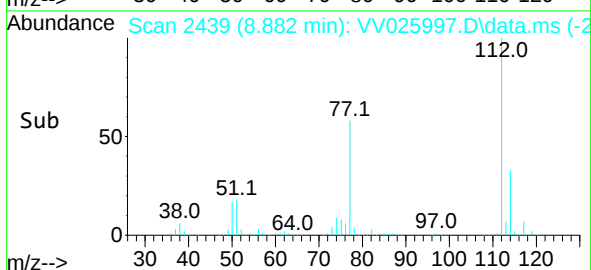
Supervised By :Mahesh Dadoda 06/07/2022

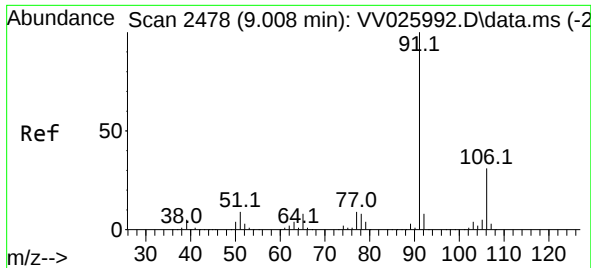


#51
Chlorobenzene
Concen: 49.648 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



Tgt Ion:112 Resp: 445307
Ion Ratio Lower Upper
112 100
114 32.7 22.0 40.8
77 58.0 45.3 67.9





#52
Ethylbenzene
Concen: 51.882 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

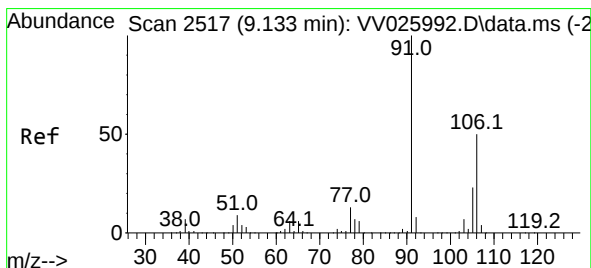
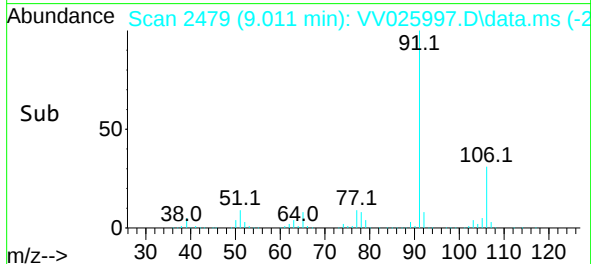
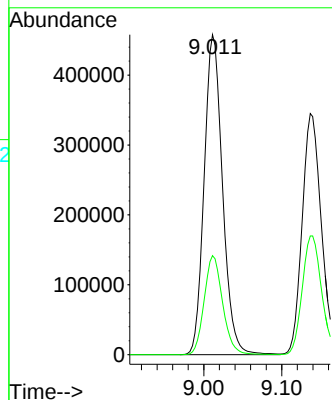
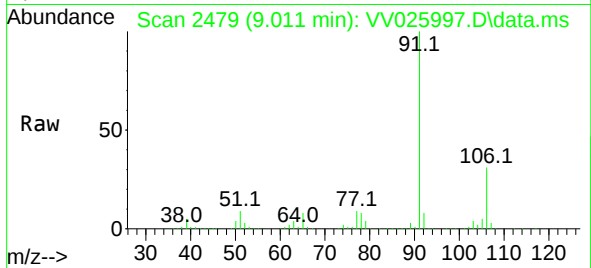
DBTY9MEMS

Tgt Ion: 91 Resp: 749734
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6

Manual Integrations

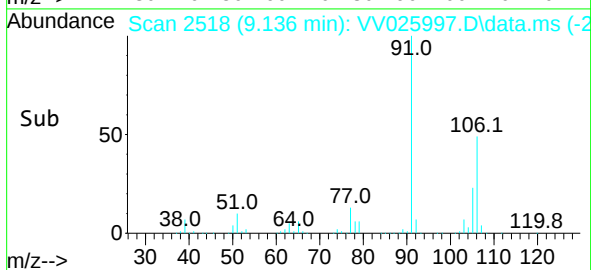
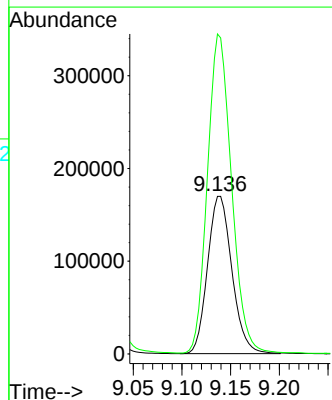
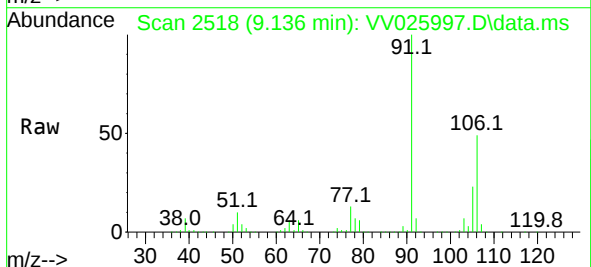
APPROVED

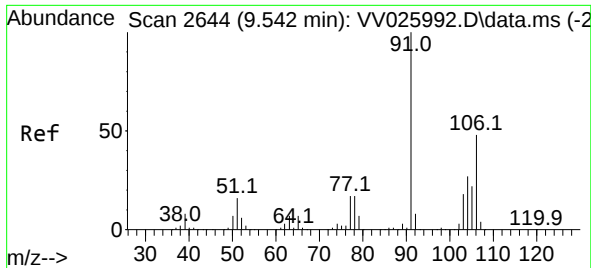
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#53
m,p-Xylene
Concen: 52.595 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

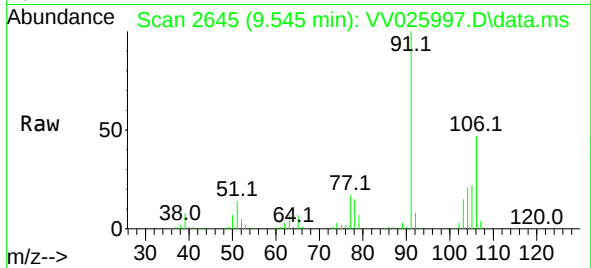
Tgt Ion:106 Resp: 294797
Ion Ratio Lower Upper
106 100
91 203.0 142.0 263.6





#54
o-Xylene
Concen: 52.073 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

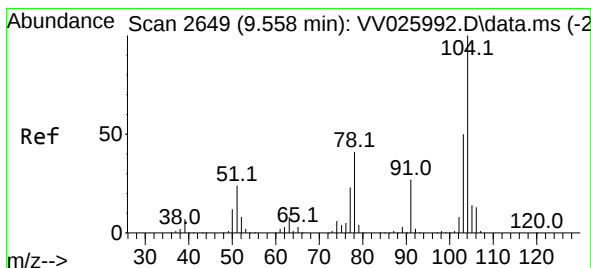
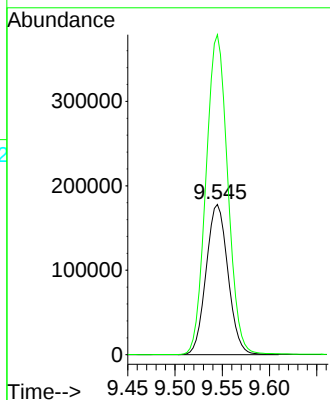
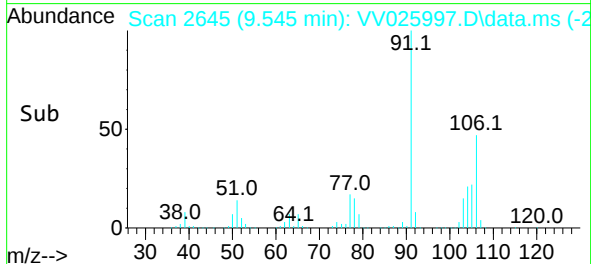
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



Tgt Ion:106 Resp: 286714
Ion Ratio Lower Upper
106 100
91 212.9 147.4 273.8

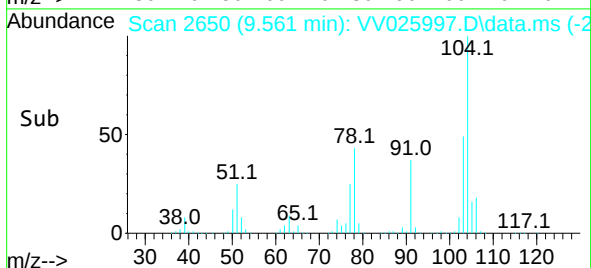
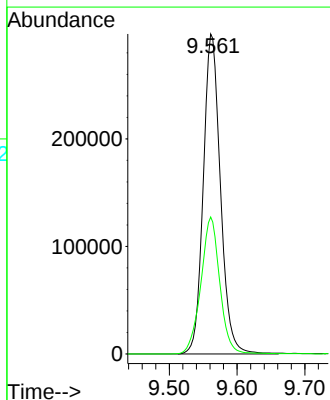
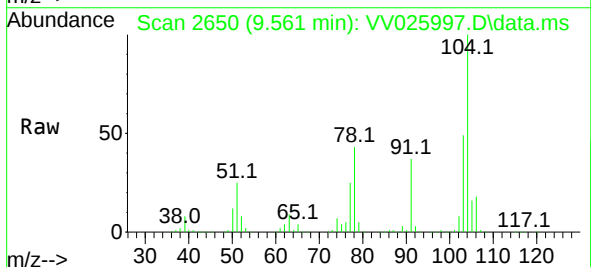
Manual Integrations
APPROVED

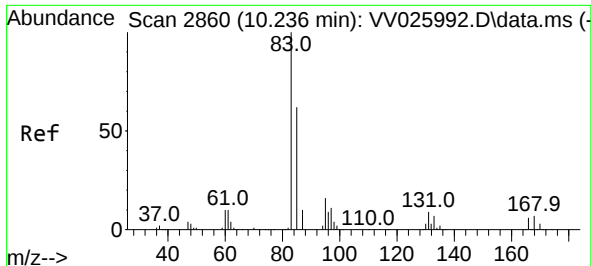
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#55
Styrene
Concen: 54.562 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

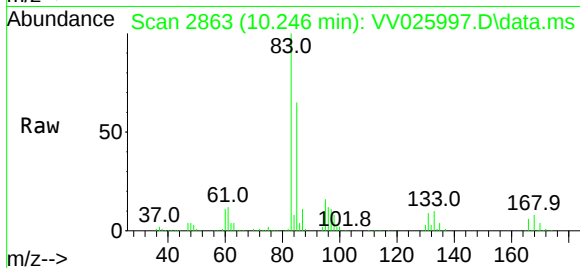
Tgt Ion:104 Resp: 523460
Ion Ratio Lower Upper
104 100
78 42.8 29.8 55.3





#57
1,1,2,2-Tetrachloroethane
Concen: 50.773 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.010 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

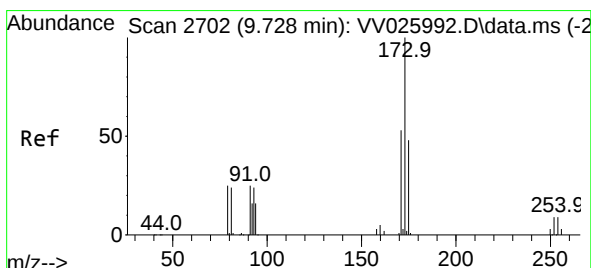
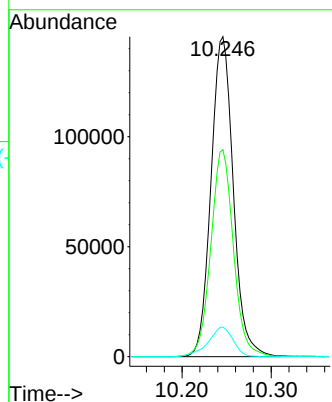
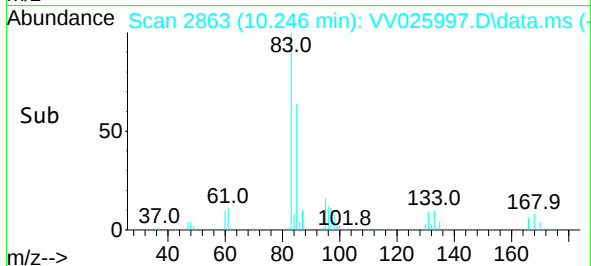
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



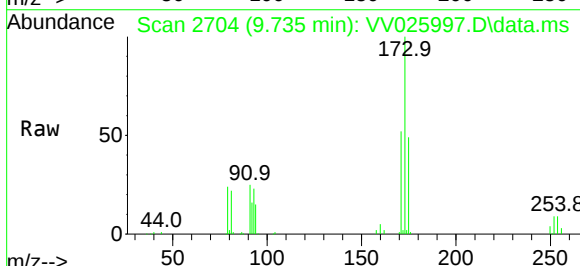
Tgt Ion: 83 Resp: 252464
Ion Ratio Lower Upper
83 100
85 64.7 44.7 82.9
131 9.2 7.5 11.3

Manual Integrations
APPROVED

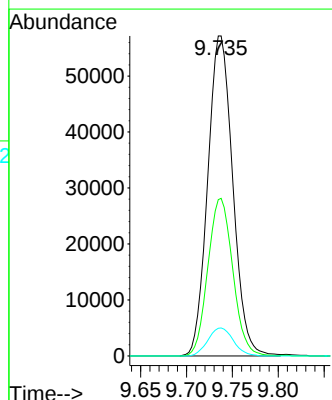
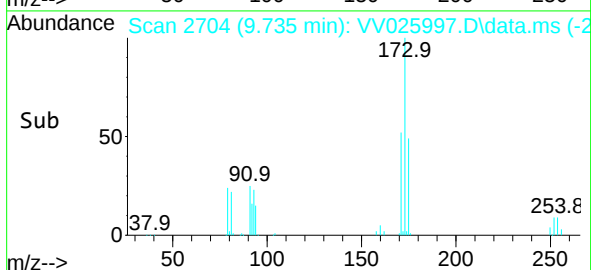
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

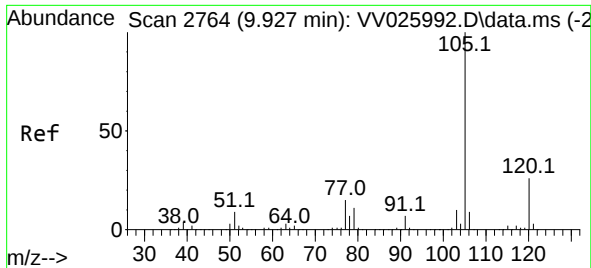


#59
Bromoform
Concen: 50.076 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.006 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



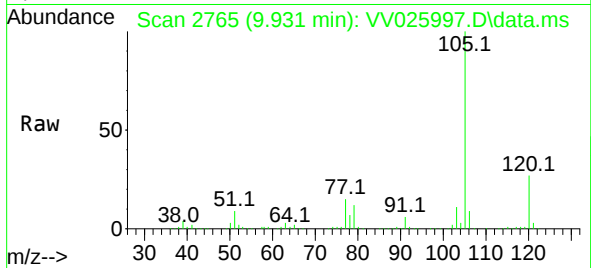
Tgt Ion:173 Resp: 108695
Ion Ratio Lower Upper
173 100
175 48.9 38.1 57.1
254 8.9 7.0 10.6





#60
Isopropylbenzene
Concen: 50.744 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

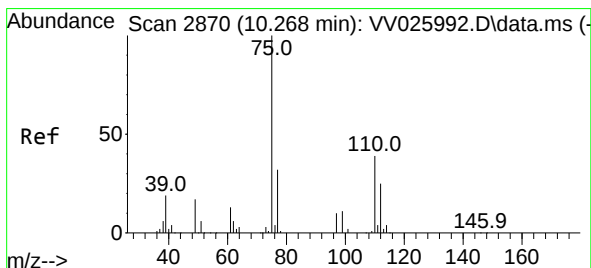
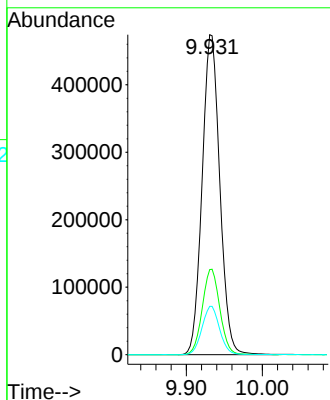
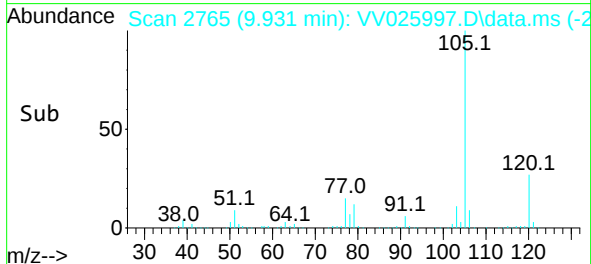
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



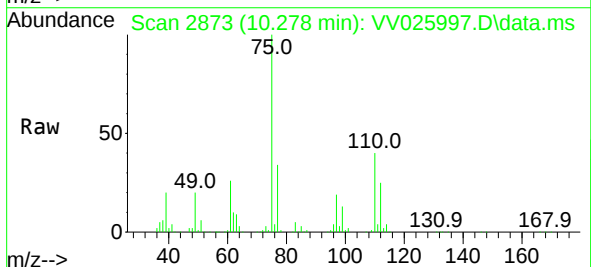
Tgt Ion:105 Resp: 764830
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.1 12.3 18.5

Manual Integrations
APPROVED

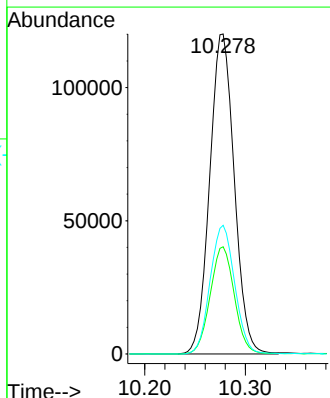
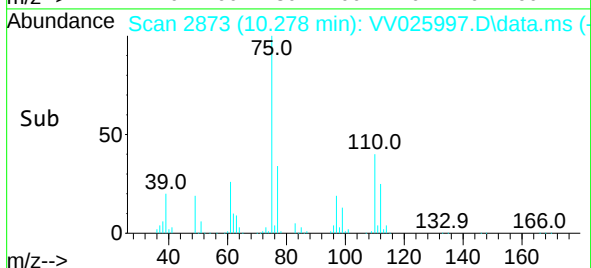
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

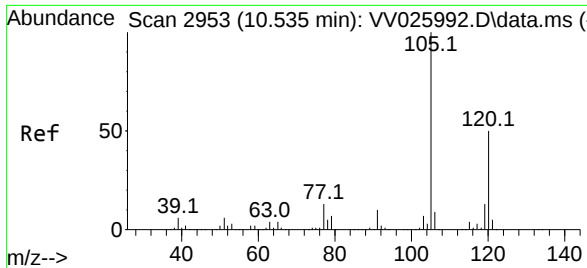


#61
1,2,3-Trichloropropane
Concen: 45.798 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.010 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



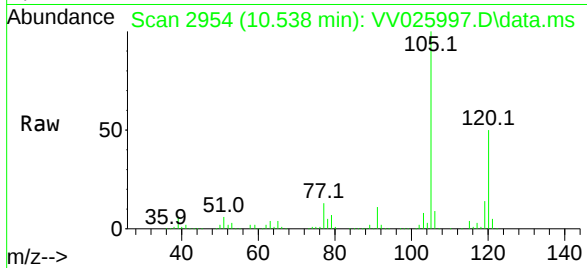
Tgt Ion: 75 Resp: 203973
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
110 40.2 32.3 48.5





#62
1,3,5-Trimethylbenzene
Concen: 51.638 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

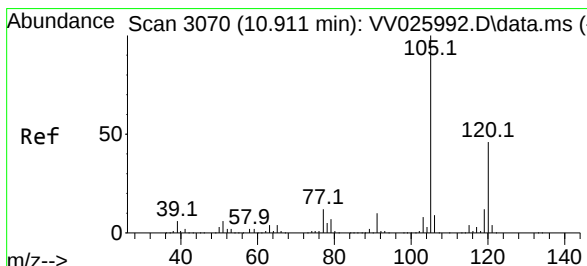
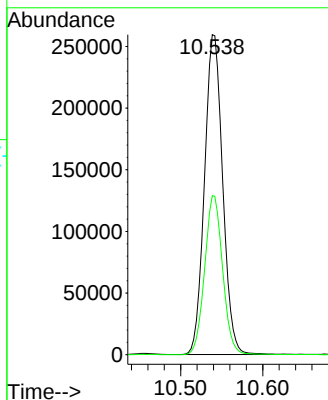
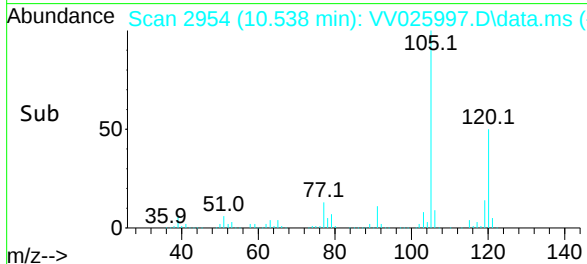
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



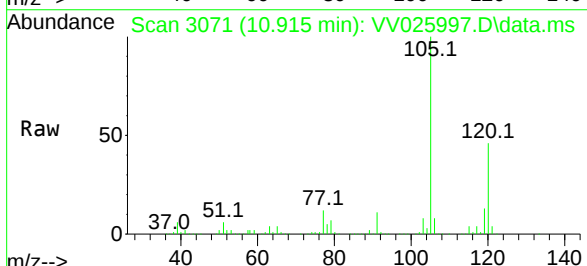
Tgt Ion:105 Resp: 401174
Ion Ratio Lower Upper
105 100
120 49.0 39.4 59.2

Manual Integrations
APPROVED

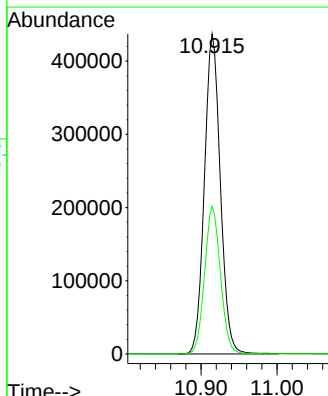
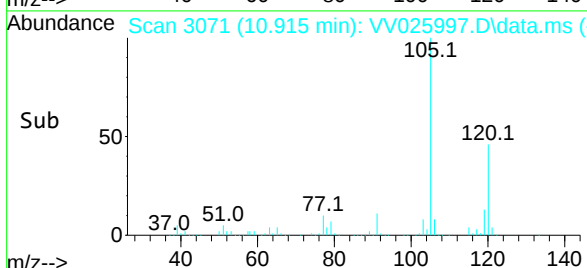
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

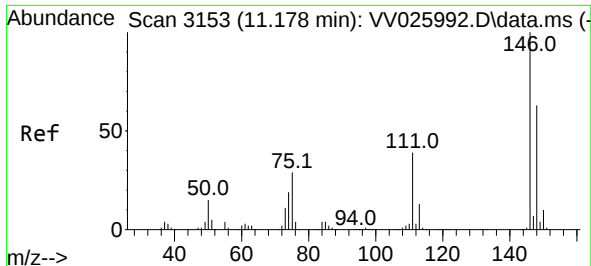


#63
1,2,4-Trimethylbenzene
Concen: 52.829 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



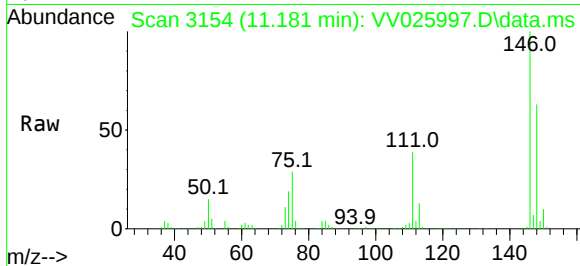
Tgt Ion:105 Resp: 636789
Ion Ratio Lower Upper
105 100
120 46.0 36.6 55.0





#64
1,3-Dichlorobenzene
Concen: 50.889 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

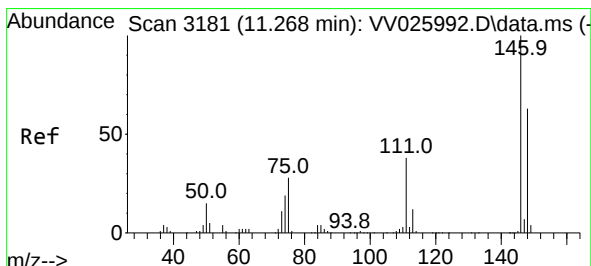
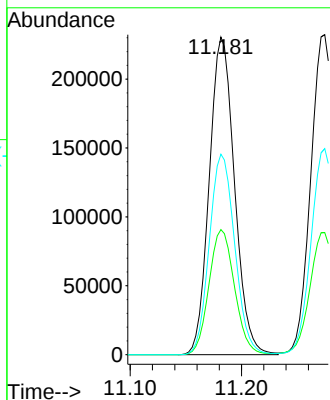
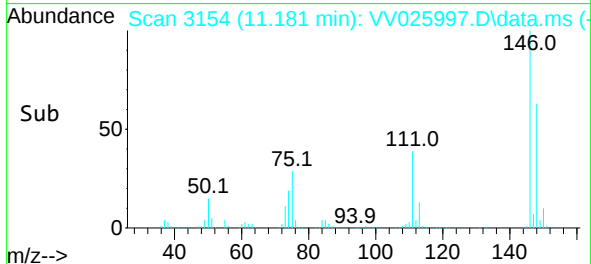
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



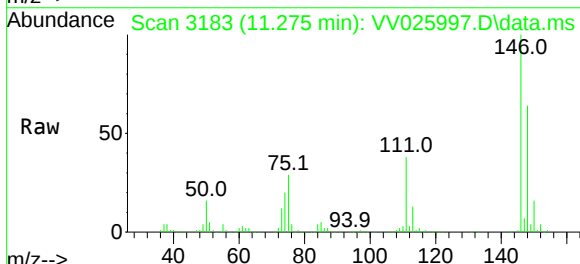
Tgt Ion:146 Resp: 36306
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.1
148 63.1 44.0 81.8

Manual Integrations
APPROVED

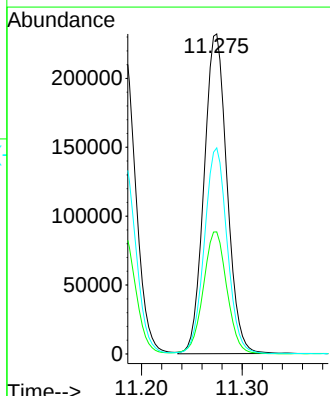
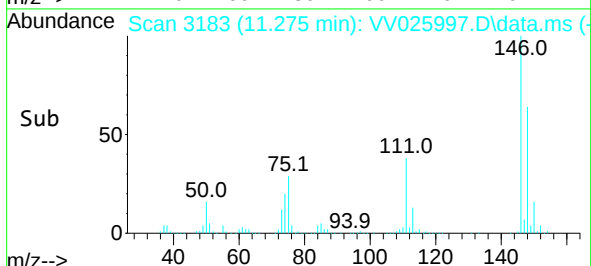
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

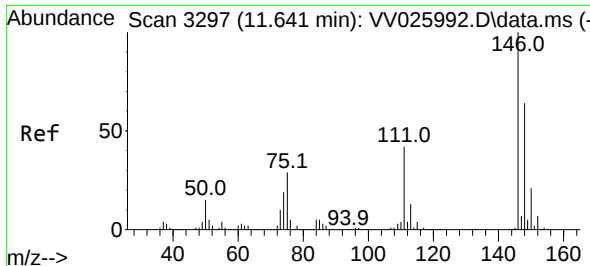


#65
1,4-Dichlorobenzene
Concen: 49.249 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.006 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10



Tgt Ion:146 Resp: 368224
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 48.651 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS

Tgt Ion:146 Resp: 359019

Ion Ratio Lower Upper

146 100

111 41.4 33.7 50.5

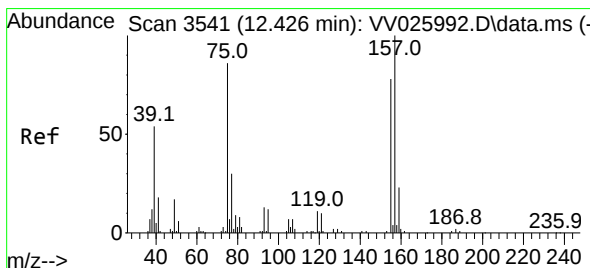
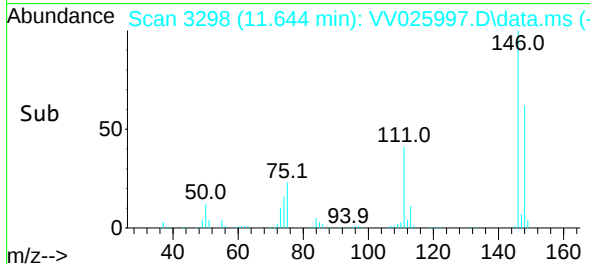
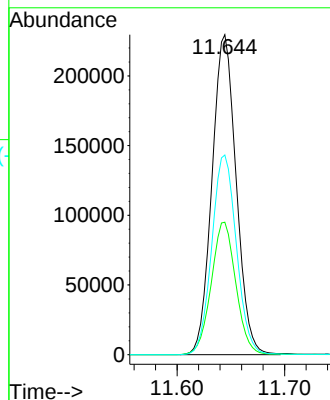
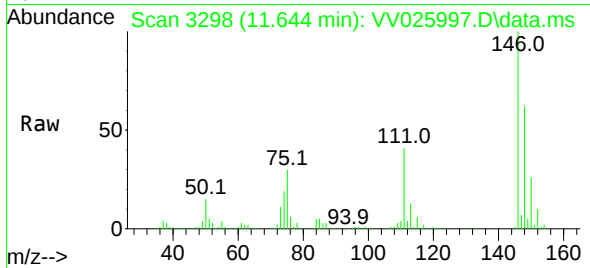
148 62.4 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 41.588 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV025997.D

Acq: 06 Jun 2022 13:10

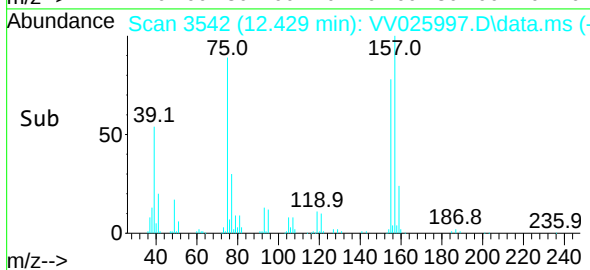
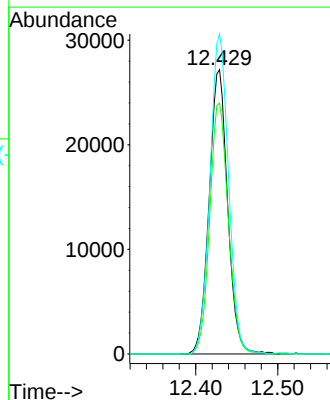
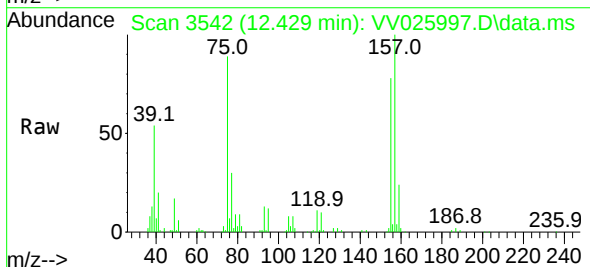
Tgt Ion: 75 Resp: 42763

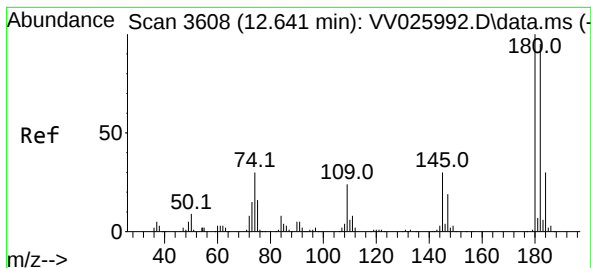
Ion Ratio Lower Upper

75 100

155 88.2 66.8 100.2

157 112.5 82.5 123.7





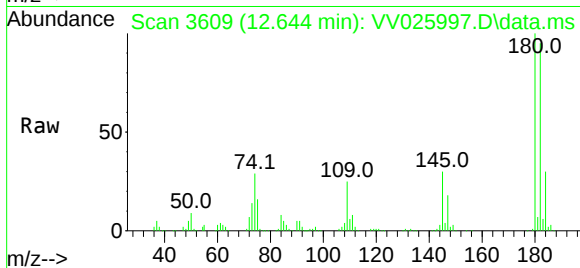
#69
 1,3,5-Trichlorobenzene
 Concen: 51.552 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025997.D
 Acq: 06 Jun 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMS



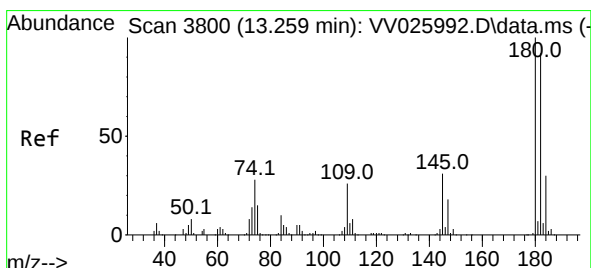
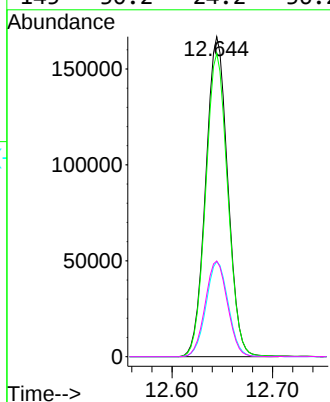
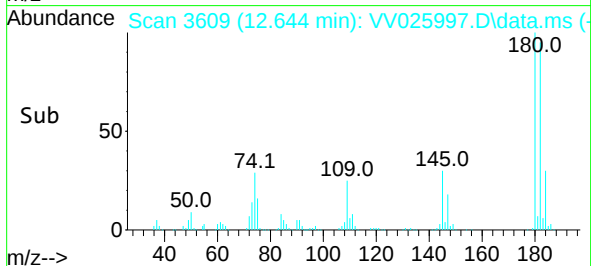
Tgt Ion:180 Resp: 253948
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.1 112.7
 184 29.9 23.6 35.4
 145 30.2 24.2 36.2

Manual Integrations

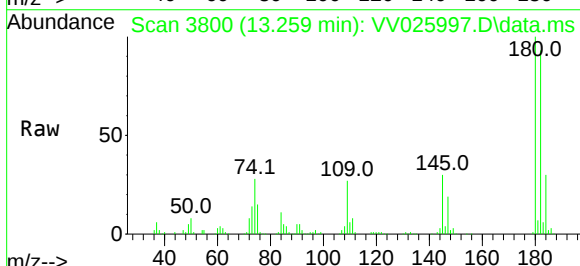
APPROVED

Reviewed By :John Carlone 06/07/2022

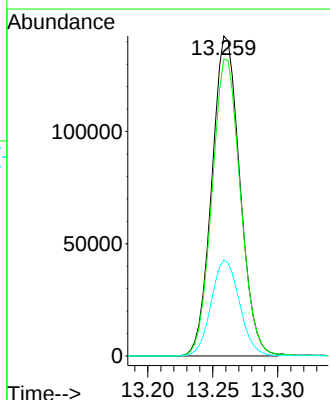
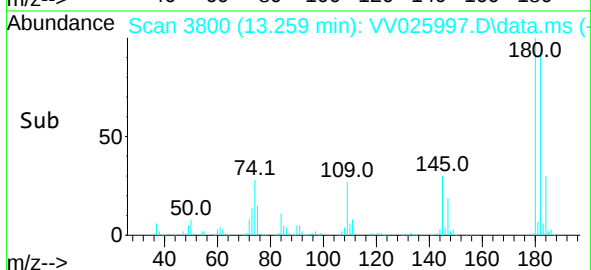
Supervised By :Mahesh Dadoda 06/07/2022

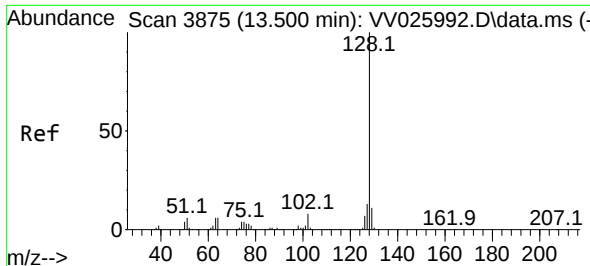


#70
 1,2,4-trichlorobenzene
 Concen: 50.962 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025997.D
 Acq: 06 Jun 2022 13:10



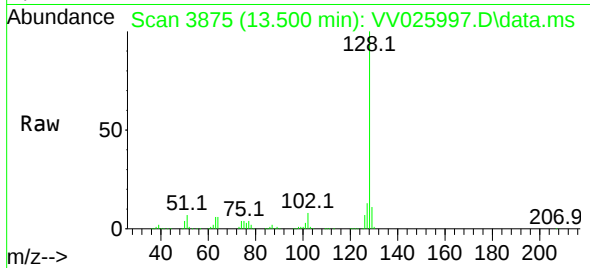
Tgt Ion:180 Resp: 213773
 Ion Ratio Lower Upper
 180 100
 182 94.2 74.8 112.2
 145 30.3 24.8 37.2





#71
Naphthalene
Concen: 48.822 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

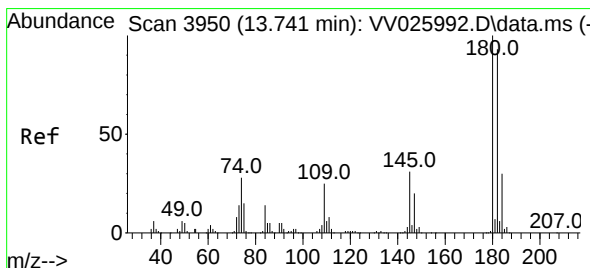
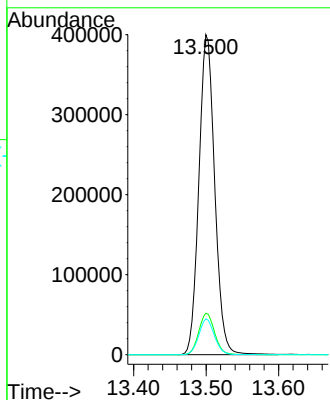
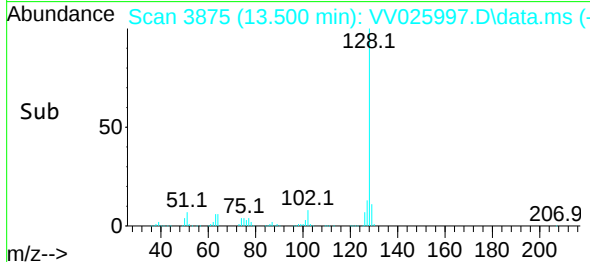
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS



Tgt Ion:128 Resp: 606517
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.8 13.2

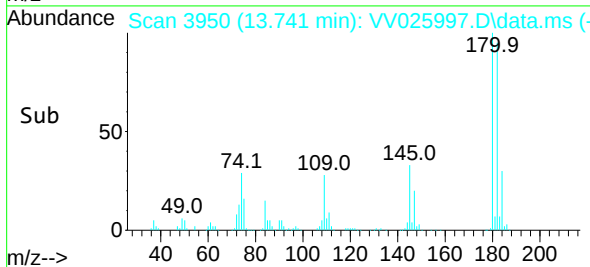
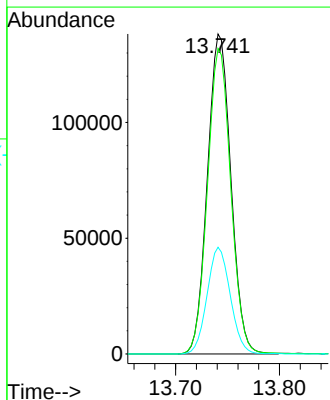
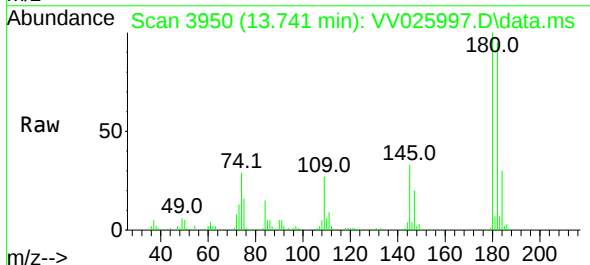
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#72
1,2,3-Trichlorobenzene
Concen: 50.724 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025997.D
Acq: 06 Jun 2022 13:10

Tgt Ion:180 Resp: 216830
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 32.9 26.3 39.5



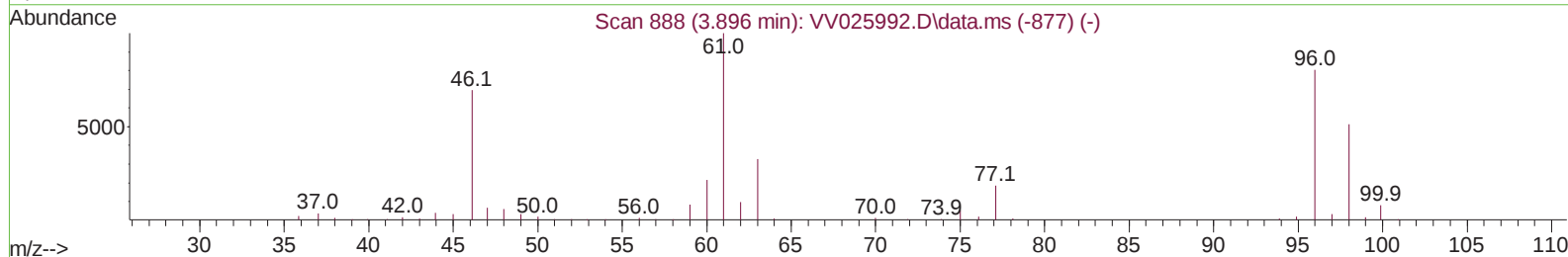
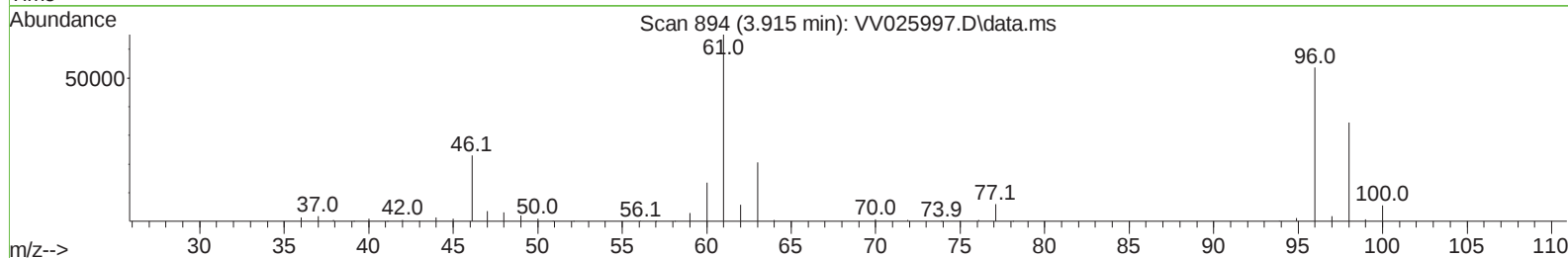
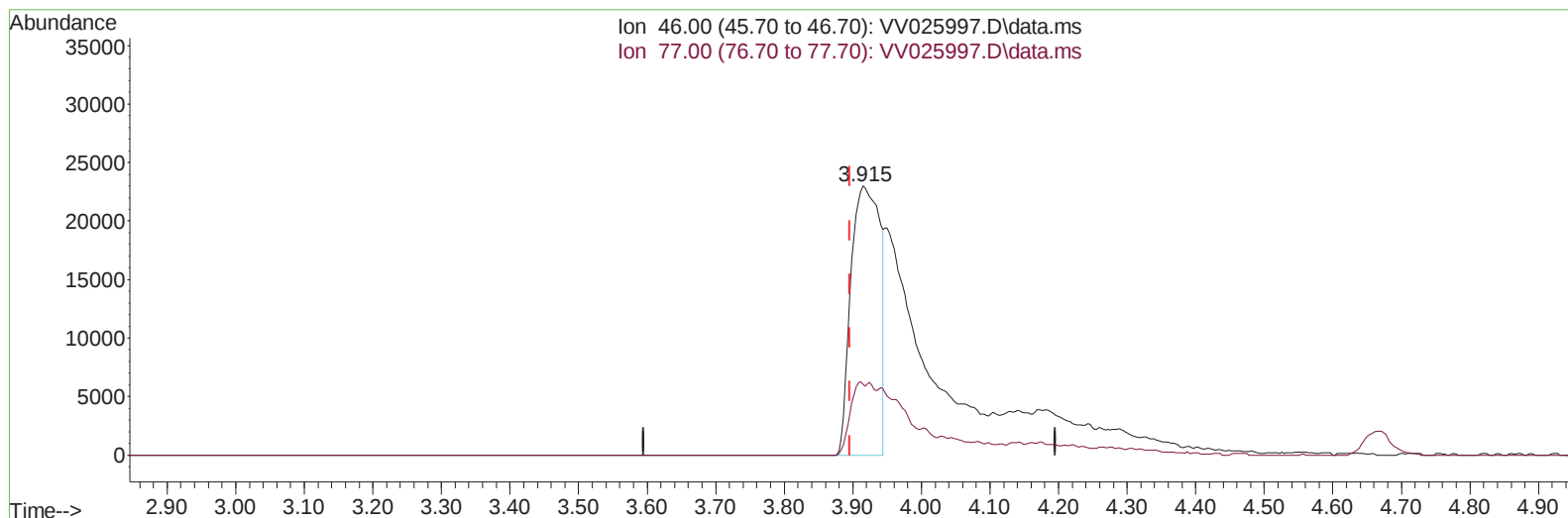
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
Data File : VV025997.D
Acq On : 06 Jun 2022 13:10
Operator : SY/MD
Sample : N3171-03MEMS
Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 02:27:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 07 02:25:55 2022
Response via : Initial Calibration



TIC: VV025997.D\data.ms

(21) 2-Butanone-d5 (S)

3.915min (+ 0.019) 32.59 ug/L

response 67688

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.30	14.00#
0.00	0.00	0.00
0.00	0.00	0.00

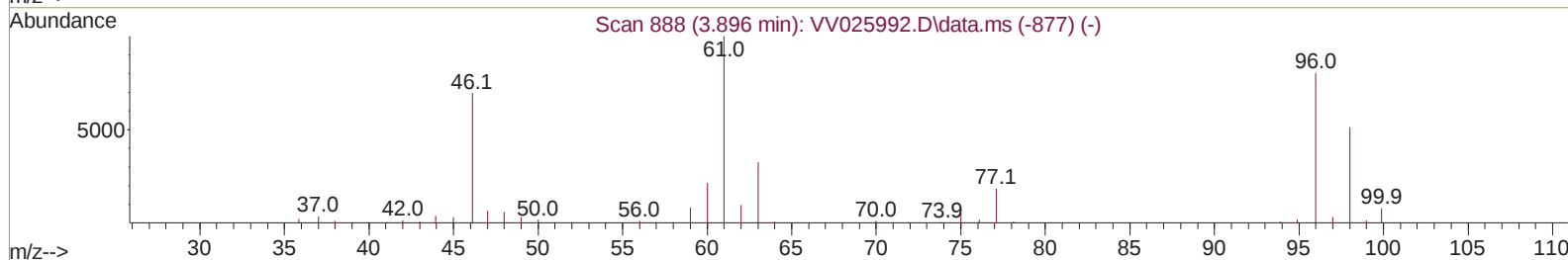
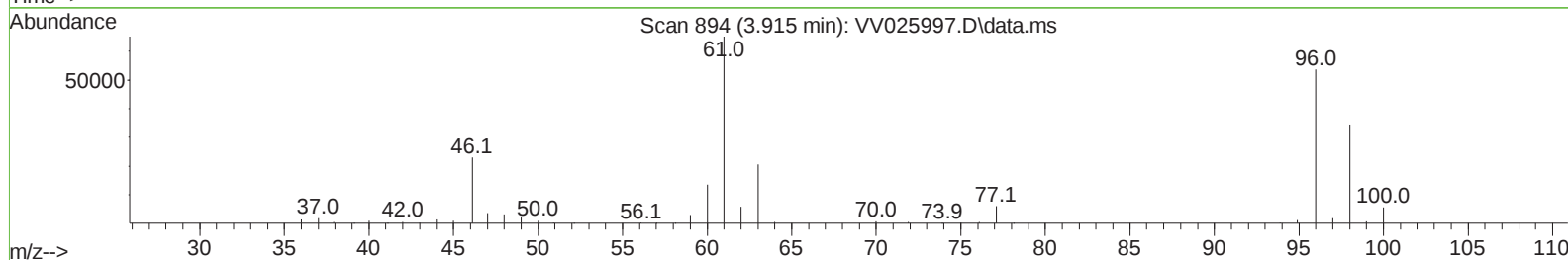
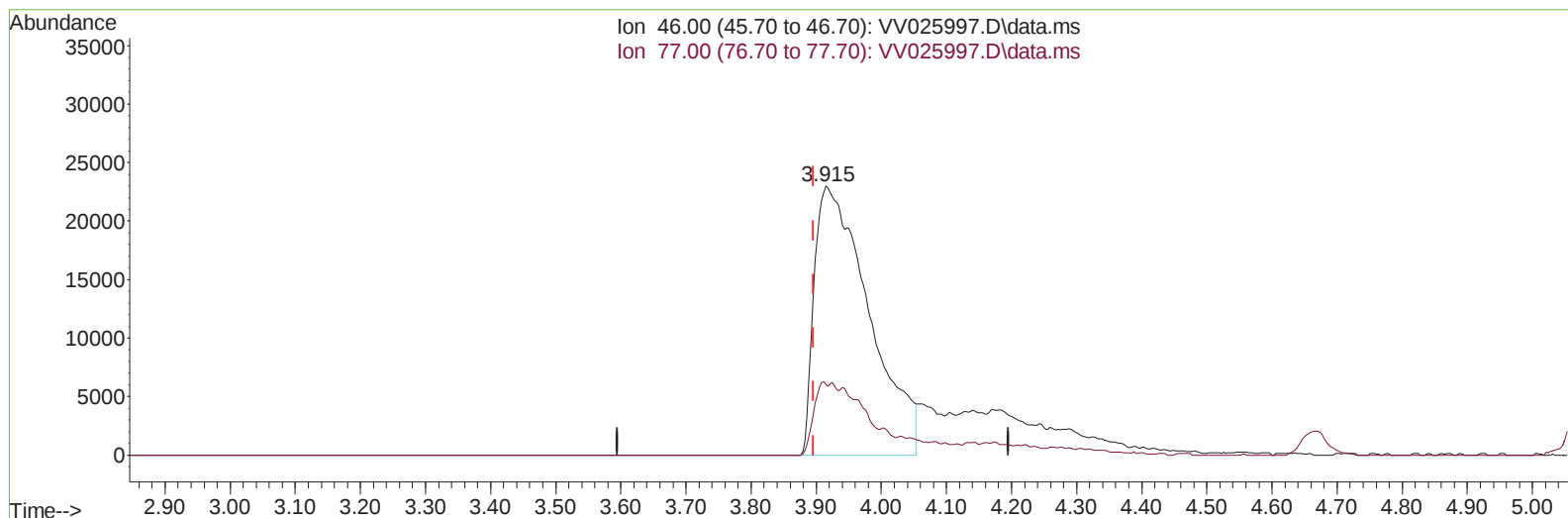
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
Data File : VV025997.D
Acq On : 06 Jun 2022 13:10
Operator : SY/MD
Sample : N3171-03MEMS
Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 02:27:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 07 02:25:55 2022
Response via : Initial Calibration



TIC: VV025997.D\data.ms

(21) 2-Butanone-d5 (S)

3.915min (+ 0.019) 64.38 ug/L m

response 133704

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.30	7.09#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
 Data File : VV025997.D
 Acq On : 06 Jun 2022 13:10
 Operator : SY/MD
 Sample : N3171-03MEMS
 Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 02:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	375422	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	387771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	225015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	146352	30.206	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	60.420%	
7) Chloroethane-d5	1.571	69	121889	28.646	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	57.300%#	
11) 1,1-Dichloroethene-d2	2.095	63	297343	35.089	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	70.180%	
21) 2-Butanone-d5	3.915	46	133704m	64.383	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	64.380%	
24) Chloroform-d	4.342	84	277537	41.011	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	82.020%	
26) 1,2-Dichloroethane-d4	5.027	65	160434	39.226	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	78.460%	
32) Benzene-d6	5.043	84	548782	40.595	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	6.066	67	171182	41.229	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	82.460%	
41) Toluene-d8	7.313	98	510511	40.987	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	81.980%	
43) trans-1,3-Dichloroprop...	7.622	79	78878	42.558	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.120%	
47) 2-Hexanone-d5	8.111	63	123309	81.006	ug/L	0.03
Spiked Amount 100.000	Range 45	- 130	Recovery	=	81.010%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	236812	42.769	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	85.540%	
66) 1,2-Dichlorobenzene-d4	11.625	152	204552	41.442	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	82.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	152871	39.384	ug/L	99
3) Chloromethane	1.243	50	194363	41.404	ug/L	99
5) Vinyl chloride	1.314	62	194468	40.747	ug/L	100
6) Bromomethane	1.523	94	103958	35.847	ug/L	98
8) Chloroethane	1.587	64	120452	33.795	ug/L	97
9) Trichlorofluoromethane	1.748	101	312358	46.054	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	159538	44.273	ug/L	96
12) 1,1-Dichloroethene	2.105	96	148321	41.849	ug/L	91
13) Acetone	2.191	43	133073	93.903	ug/L	99
14) Carbon disulfide	2.278	76	421589	48.091	ug/L	100
15) Methyl Acetate	2.436	43	138975	45.774	ug/L	100
16) Methylene chloride	2.497	84	169531	49.384	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	148644	48.816	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	468487	52.901	ug/L	98
19) 1,1-Dichloroethane	3.182	63	287599	50.568	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	164416	50.024	ug/L	99
22) 2-Butanone	3.995	43	155410	82.232	ug/L #	69
23) Bromochloromethane	4.240	128	86232	49.671	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
 Data File : VV025997.D
 Acq On : 06 Jun 2022 13:10
 Operator : SY/MD
 Sample : N3171-03MEMS
 Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 02:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.368	83	296171	49.142	ug/L	100
27) 1,2-Dichloroethane	5.127	62	216260	47.461	ug/L	99
29) Cyclohexane	4.667	56	235340	50.130	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	252289	47.906	ug/L	99
31) Carbon tetrachloride	4.818	117	211516	47.840	ug/L	100
33) Benzene	5.092	78	644618	49.370	ug/L	100
34) Trichloroethene	5.908	95	165535	48.472	ug/L	99
35) Methylcyclohexane	6.124	83	263461	51.510	ug/L	99
37) 1,2-Dichloropropane	6.169	63	166828	50.863	ug/L	100
38) Bromodichloromethane	6.506	83	216130	48.728	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	242983	51.950	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	381056	99.390	ug/L #	76
42) Toluene	7.384	91	702482	50.153	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	233070	51.795	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	169442	50.843	ug/L	99
46) Tetrachloroethene	7.973	164	126094	50.055	ug/L	97
48) 2-Hexanone	8.159	43	306295	102.678	ug/L	97
49) Dibromochloromethane	8.246	129	171731	52.241	ug/L	99
50) 1,2-Dibromoethane	8.352	107	170639	50.350	ug/L	100
51) Chlorobenzene	8.882	112	445307	49.648	ug/L	98
52) Ethylbenzene	9.011	91	749734	51.882	ug/L	100
53) m,p-Xylene	9.136	106	294797	52.595	ug/L	100
54) o-Xylene	9.545	106	286714	52.073	ug/L	99
55) Styrene	9.561	104	523460	54.562	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	252464	50.773	ug/L	99
59) Bromoform	9.735	173	108695	50.076	ug/L	98
60) Isopropylbenzene	9.931	105	764830	50.744	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	203973	45.798	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	401174	51.638	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	636789	52.829	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	363065	50.889	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	368224	49.249	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	359019	48.651	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42763	41.588	ug/L	93
69) 1,3,5-Trimethylbenzene	12.644	180	253948	51.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	213773	50.962	ug/L	99
71) Naphthalene	13.500	128	606517	48.822	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	216830	50.724	ug/L	100

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

Manual Integrations APPROVED

Quant Time: Jun 07 02:27:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
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