

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048268.D
 Acq On : 25 Apr 2022 14:51
 Operator : SY/MD
 Sample : N2293-23MEMS
 Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ5MEMS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 02:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	422963	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	448111	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	246232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	164548m	42.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.620%		
7) Chloroethane-d5	1.871	69	65728m	24.075	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.140%#		
11) 1,1-Dichloroethene-d2	2.530	63	257508	41.320	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.640%		
21) 2-Butanone-d5	4.639	46	307693	92.753	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.750%		
24) Chloroform-d	5.063	84	308936	43.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.580%		
26) 1,2-Dichloroethane-d4	5.700	65	185985	44.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.860%		
32) Benzene-d6	5.719	84	629805	44.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.120%		
36) 1,2-Dichloropropane-d6	6.690	67	212646	45.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.020%		
41) Toluene-d8	7.896	98	594071	46.374	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.740%		
43) trans-1,3-Dichloroprop...	8.185	79	98514	47.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.560%		
47) 2-Hexanone-d5	8.658	63	241434	95.775	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.780%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	360482	43.991	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.980%		
66) 1,2-Dichlorobenzene-d4	12.198	152	254970	46.031	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.379	85	144618m	45.249	ug/L	
3) Chloromethane	1.523	50	167702	45.844	ug/L	100
5) Vinyl chloride	1.604	62	172601m	46.822	ug/L	
6) Bromomethane	1.826	94	49414	29.167	ug/L	99
8) Chloroethane	1.890	64	52667m	25.268	ug/L	
9) Trichlorofluoromethane	2.063	101	133055m	27.696	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	139388	43.747	ug/L	99
12) 1,1-Dichloroethene	2.539	96	119355	42.914	ug/L	86
13) Acetone	2.649	43	166846	78.344	ug/L	98
14) Carbon disulfide	2.755	76	301797	44.523	ug/L	100
15) Methyl Acetate	2.954	43	198596	46.977	ug/L	97
16) Methylene chloride	3.031	84	165258	46.089	ug/L	99
17) trans-1,2-Dichloroethene	3.330	96	134918	46.696	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	470893	49.396	ug/L	100
19) 1,1-Dichloroethane	3.858	63	250348	41.436	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	168133	48.276	ug/L	98
22) 2-Butanone	4.719	43	293387	93.162	ug/L	97
23) Bromochloromethane	4.973	128	88924	45.733	ug/L	99
25) Chloroform	5.086	83	287257	46.560	ug/L	98

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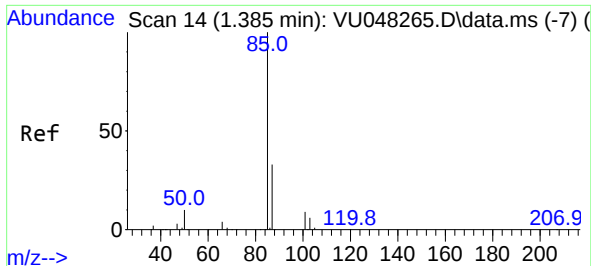
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 Supervised By :Mahesh Dadoda 04/26/2022

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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	5.793	62	214396	47.642	ug/L	100
29) Cyclohexane	5.372	56	211158	49.873	ug/L	99
30) 1,1,1-Trichloroethane	5.308	97	228892	45.169	ug/L	100
31) Carbon tetrachloride	5.514	117	193507	44.803	ug/L	99
33) Benzene	5.768	78	671925	50.645	ug/L	100
34) Trichloroethene	6.536	95	154157	47.404	ug/L	98
35) Methylcyclohexane	6.755	83	227687	49.870	ug/L	100
37) 1,2-Dichloropropane	6.790	63	179087	47.443	ug/L	100
38) Bromodichloromethane	7.112	83	223223	46.826	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	262537	49.461	ug/L	100
40) 4-Methyl-2-pentanone	7.825	43	560058	98.370	ug/L #	94
42) Toluene	7.970	91	706105	50.692	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	257578	49.673	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	190185	48.022	ug/L	99
46) Tetrachloroethene	8.552	164	132307	47.405	ug/L	98
48) 2-Hexanone	8.710	43	486181	102.261	ug/L	98
49) Dibromochloromethane	8.819	129	206145	47.369	ug/L	99
50) 1,2-Dibromoethane	8.928	107	200334	49.882	ug/L	99
51) Chlorobenzene	9.452	112	626738	62.422	ug/L	100
52) Ethylbenzene	9.574	91	745075	51.649	ug/L	99
53) m,p-Xylene	9.700	106	293868	51.622	ug/L	98
54) o-Xylene	10.108	106	300130	52.334	ug/L	100
55) Styrene	10.121	104	515141	52.728	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	358633	45.882	ug/L	100
59) Bromoform	10.304	173	168370	47.116	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	274225	47.739	ug/L	99
61) Isopropylbenzene	10.491	105	774539	56.258	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	404936	55.804	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	632051	56.654	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	382359	49.537	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	379305	48.136	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	389203	47.866	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	72030	46.973	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	299645	52.244	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	241953	53.397	ug/L	99
71) Naphthalene	14.086	128	726465	56.023	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	251397	54.137	ug/L	99

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



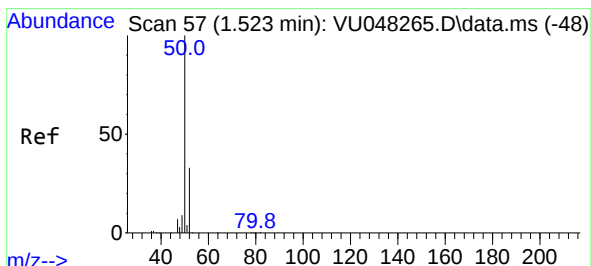
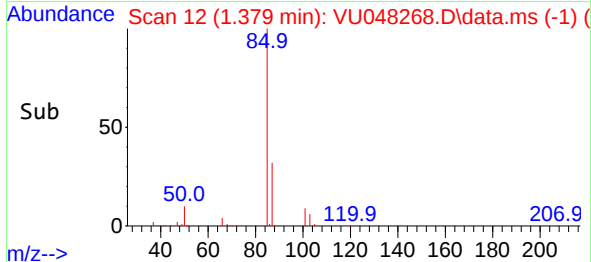
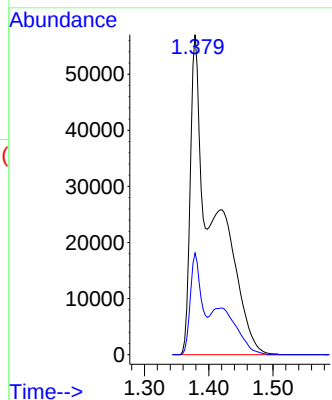
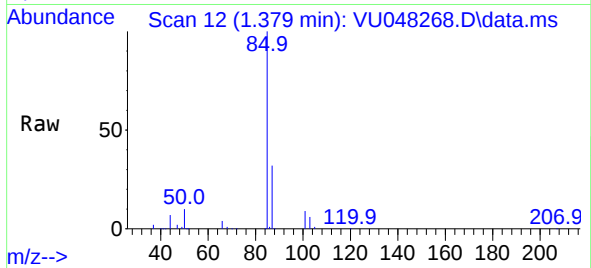
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Dichlorodifluoromethane
Concen: 45.249 ug/L m
RT: 1.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS

Tgt Ion: 85 Resp: 144618
Ion Ratio Lower Upper
85 100
87 15.7 26.1 39.1

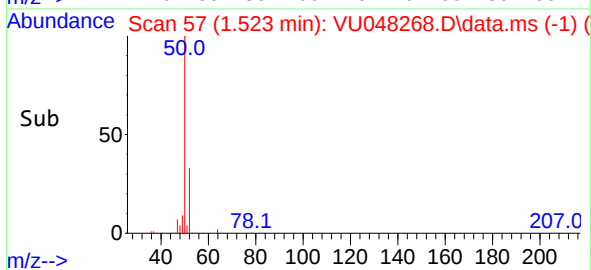
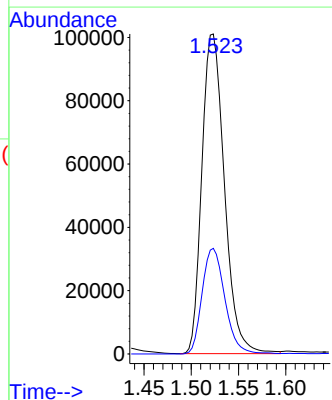
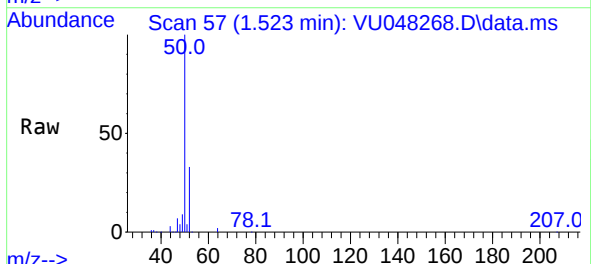
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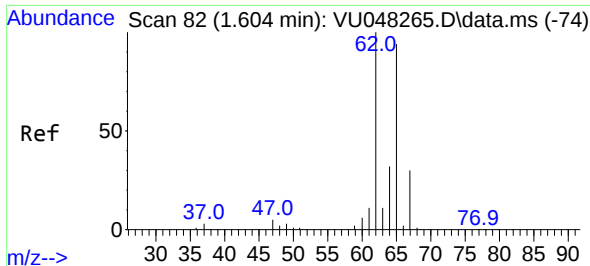
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#3
Chloromethane
Concen: 45.844 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

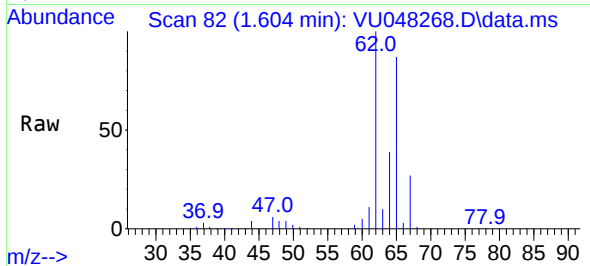
Tgt Ion: 50 Resp: 167702
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2





#5
 Vinyl chloride
 Concen: 46.822 ug/L m
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048268.D
 Acq: 25 Apr 2022 14:51

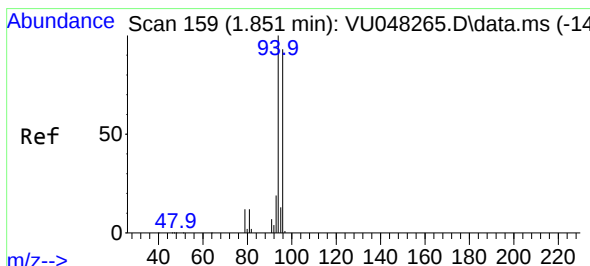
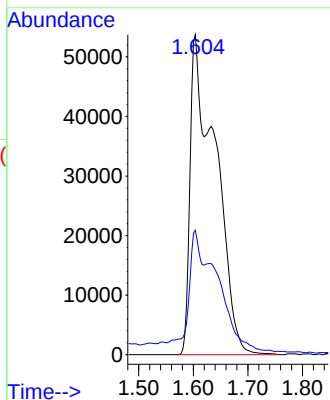
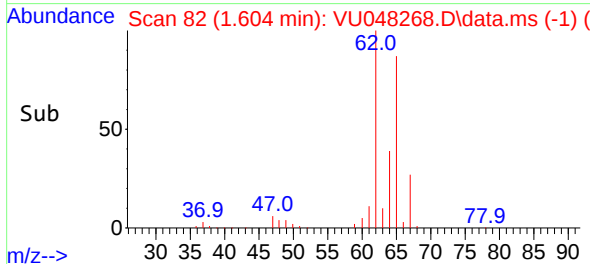
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ5MEMS



Tgt Ion: 62 Resp: 17260
 Ion Ratio Lower Upper
 62 100
 64 38.9 22.5 41.7

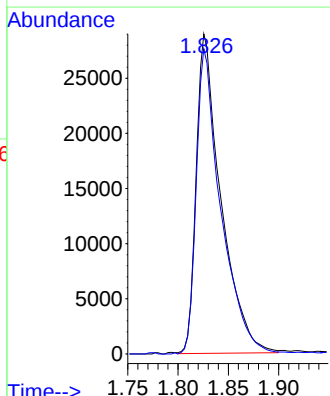
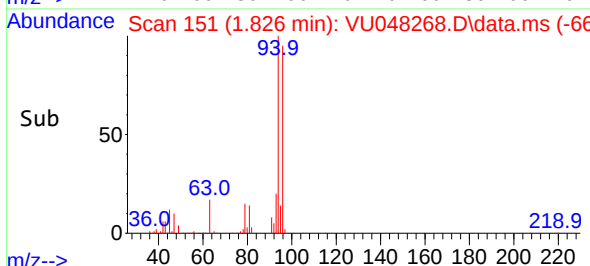
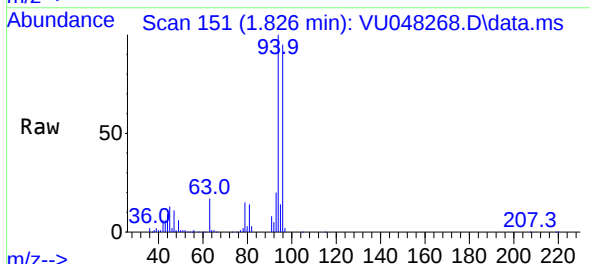
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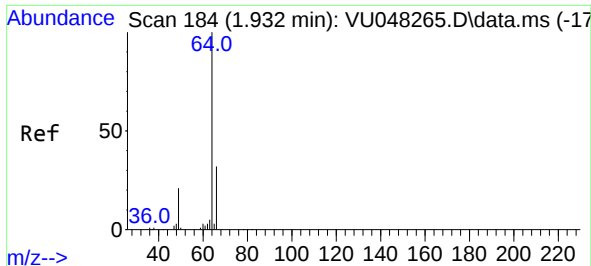
Reviewed By :Semsettin Yesilyurt 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022



#6
 Bromomethane
 Concen: 29.167 ug/L
 RT: 1.826 min Scan# 151
 Delta R.T. -0.026 min
 Lab File: VU048268.D
 Acq: 25 Apr 2022 14:51

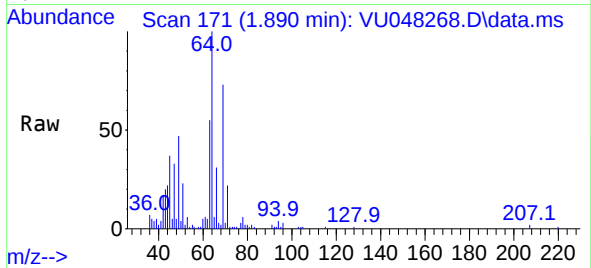
Tgt Ion: 94 Resp: 49414
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.8 122.2





#8
Chloroethane
Concen: 25.268 ug/L m
RT: 1.890 min Scan# 11
Delta R.T. -0.042 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

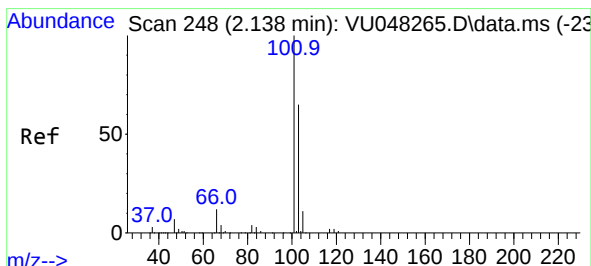
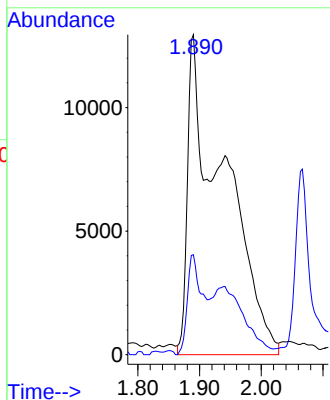
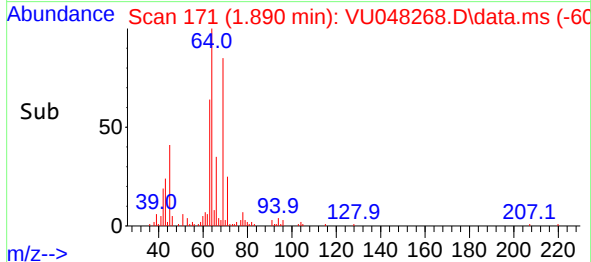
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



Tgt Ion: 64 Resp: 5266
Ion Ratio Lower Upper
64 100
66 31.2 21.9 40.7

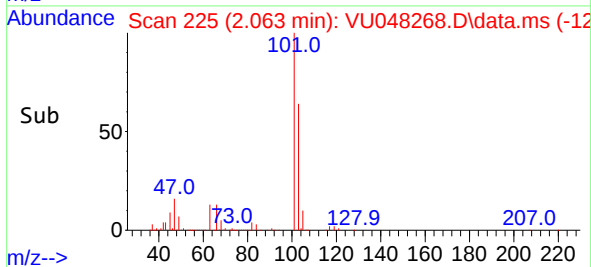
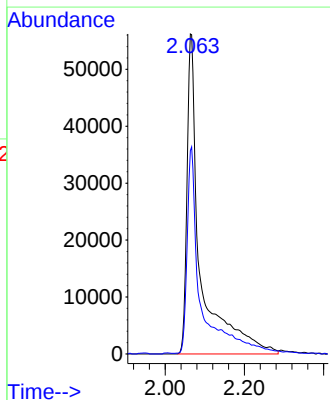
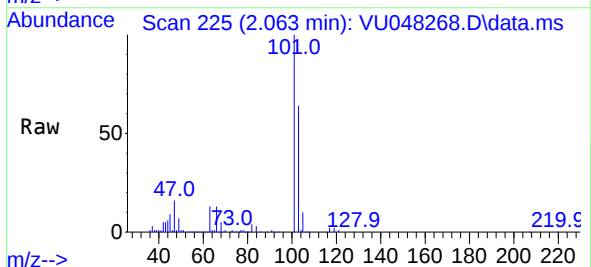
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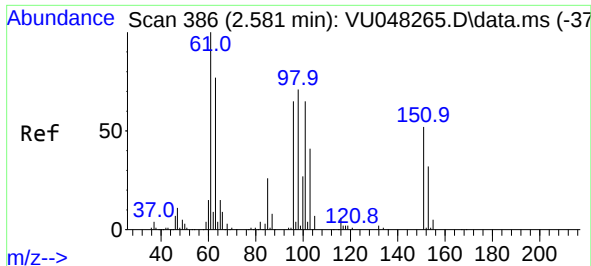
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#9
Trichlorofluoromethane
Concen: 27.696 ug/L m
RT: 2.063 min Scan# 225
Delta R.T. -0.074 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion:101 Resp: 133055
Ion Ratio Lower Upper
101 100
103 50.5 51.9 77.9#





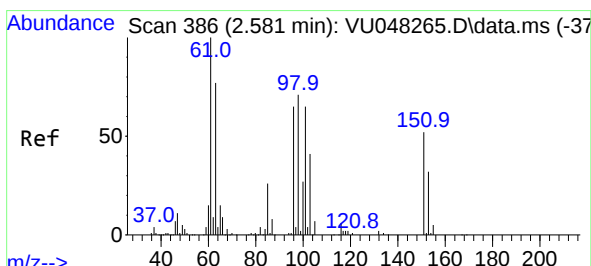
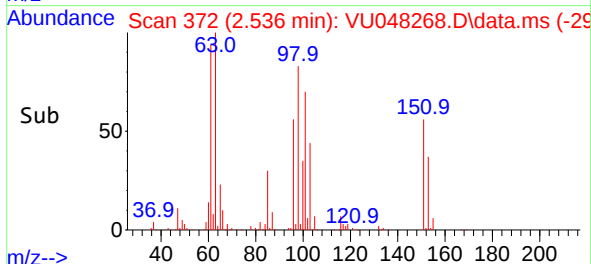
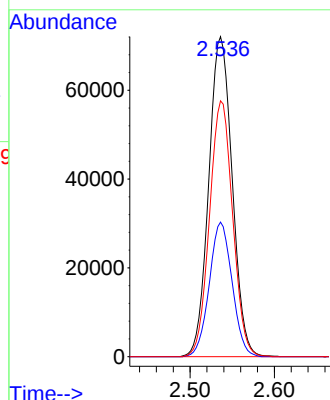
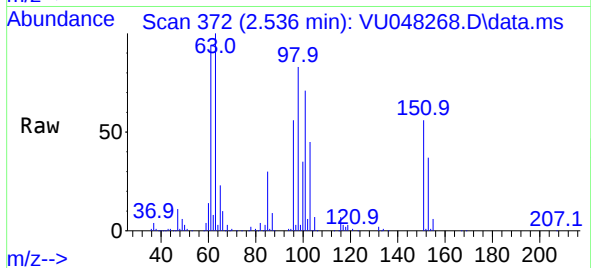
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.747 ug/L
RT: 2.536 min Scan# 31
Delta R.T. -0.045 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 13938
Ion Ratio Lower Upper
101 100
85 40.9 32.6 48.8
151 79.0 64.1 96.1

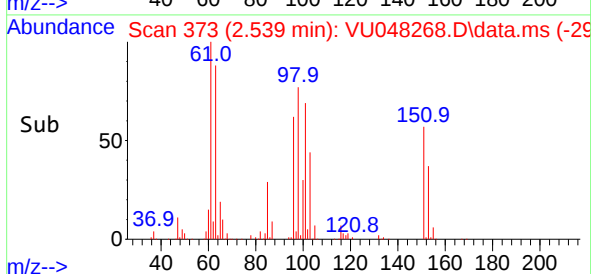
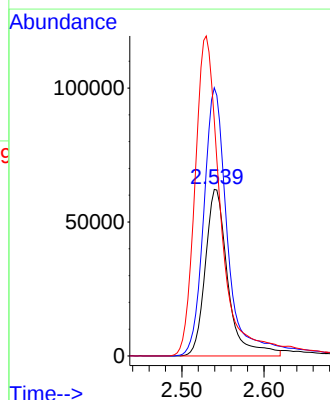
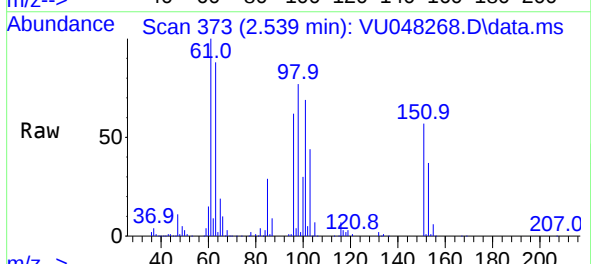
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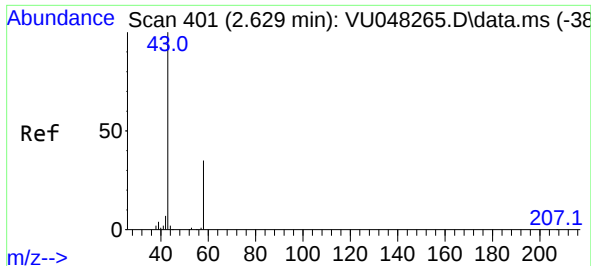
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#12
1,1-Dichloroethene
Concen: 42.914 ug/L
RT: 2.539 min Scan# 373
Delta R.T. -0.042 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

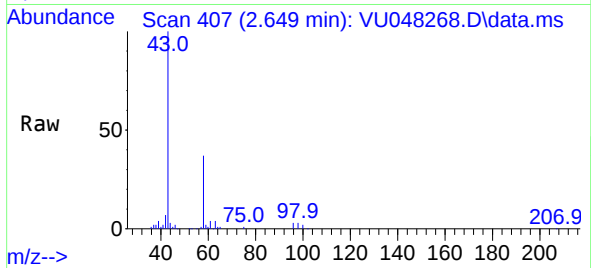
Tgt Ion: 96 Resp: 119355
Ion Ratio Lower Upper
96 100
61 161.0 107.9 200.3
63 141.6 80.3 149.1





#13
Acetone
Concen: 78.344 ug/L
RT: 2.649 min Scan# 401
Delta R.T. 0.019 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

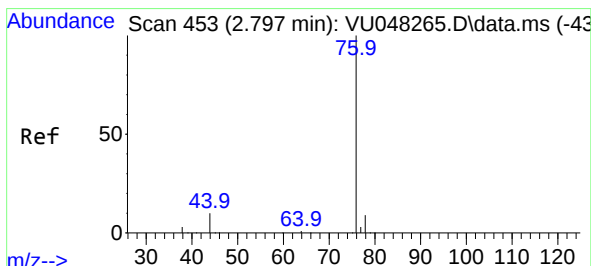
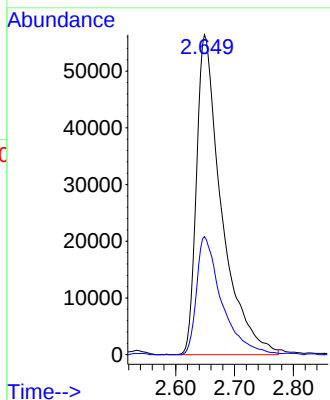
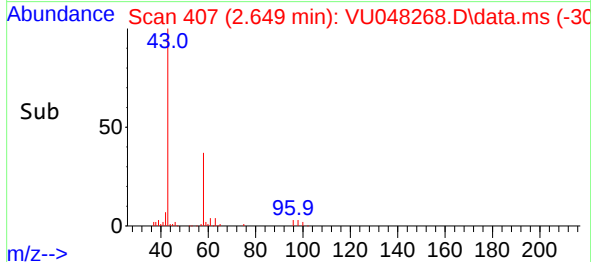
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



Tgt Ion: 43 Resp: 166840
Ion Ratio Lower Upper
43 100
58 36.9 0.0 71.2

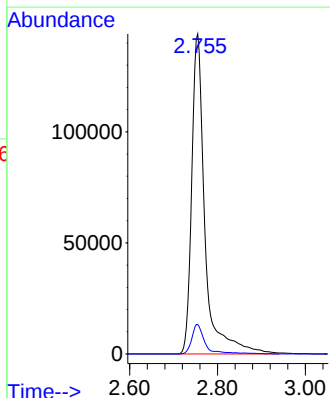
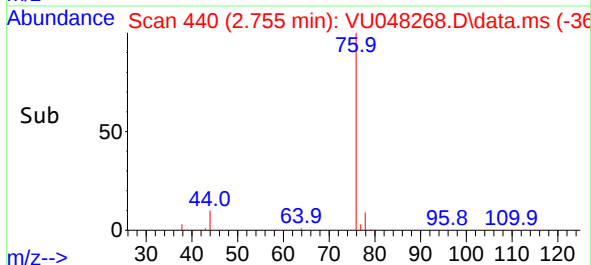
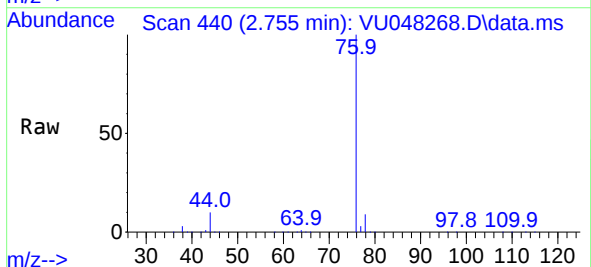
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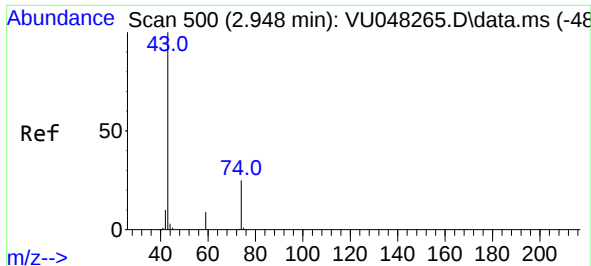
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#14
Carbon disulfide
Concen: 44.523 ug/L
RT: 2.755 min Scan# 440
Delta R.T. -0.042 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

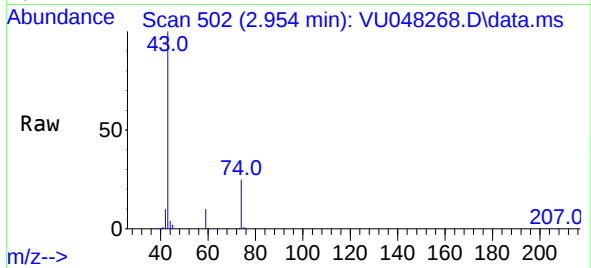
Tgt Ion: 76 Resp: 301797
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2





#15
Methyl Acetate
Concen: 46.977 ug/L
RT: 2.954 min Scan# 500
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

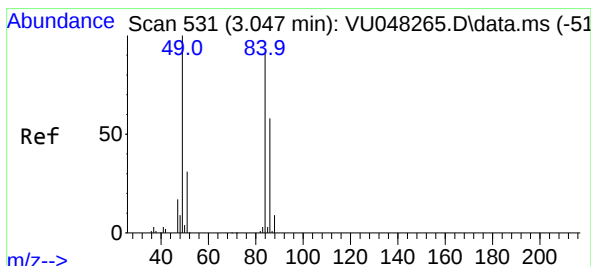
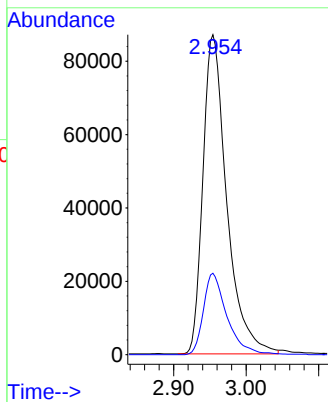
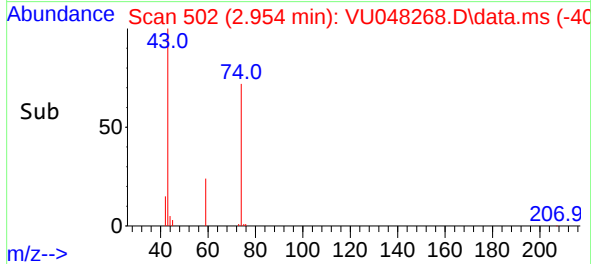
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



Tgt Ion: 43 Resp: 198590
Ion Ratio Lower Upper
43 100
74 24.9 21.0 31.6

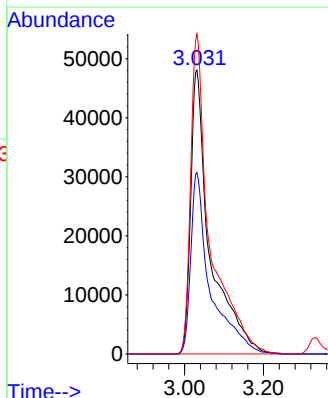
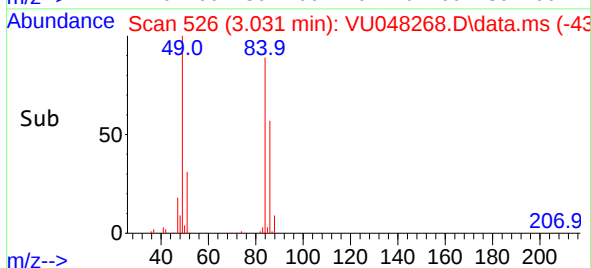
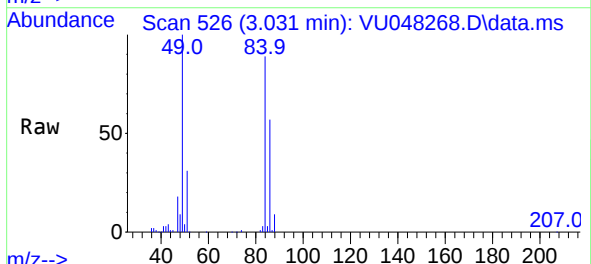
Manual Integrations
APPROVED

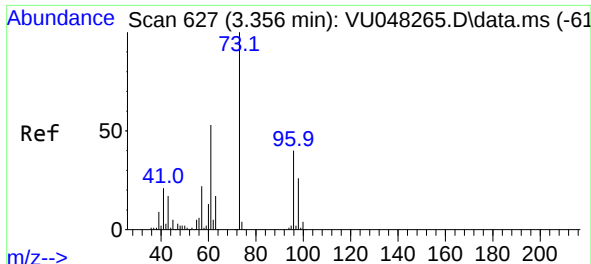
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#16
Methylene chloride
Concen: 46.089 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

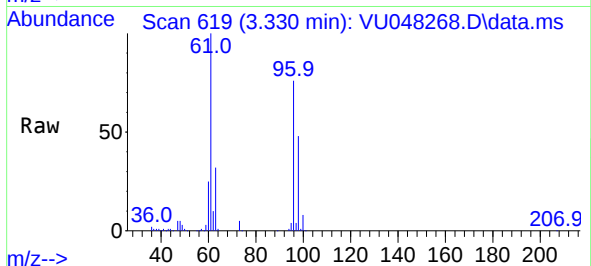
Tgt Ion: 84 Resp: 165258
Ion Ratio Lower Upper
84 100
86 63.9 45.4 84.2
49 112.7 79.2 147.0





#17
trans-1,2-Dichloroethene
Concen: 46.696 ug/L
RT: 3.330 min Scan# 619
Delta R.T. -0.026 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

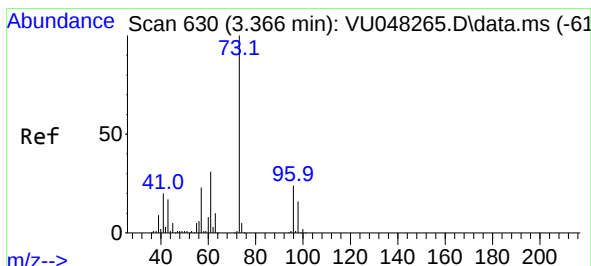
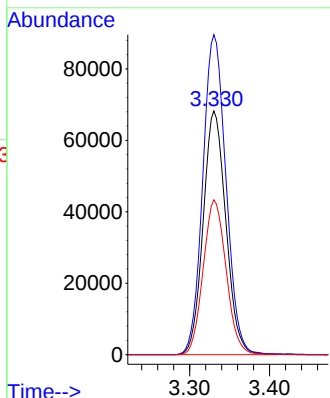
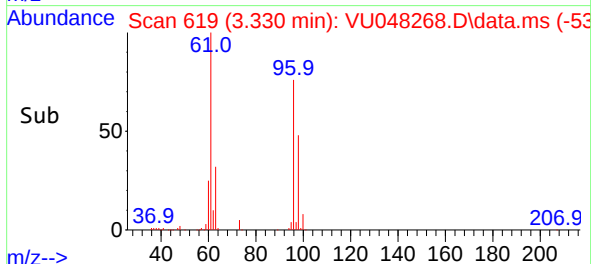
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



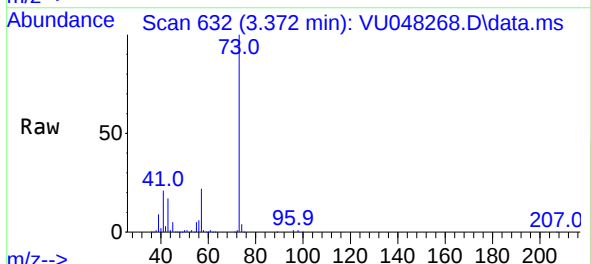
Tgt Ion: 96 Resp: 134918
Ion Ratio Lower Upper
96 100
61 131.3 95.2 176.8
98 63.5 44.7 83.1

Manual Integrations
APPROVED

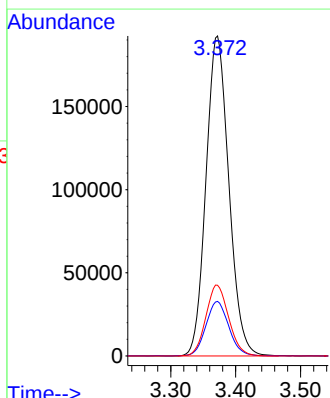
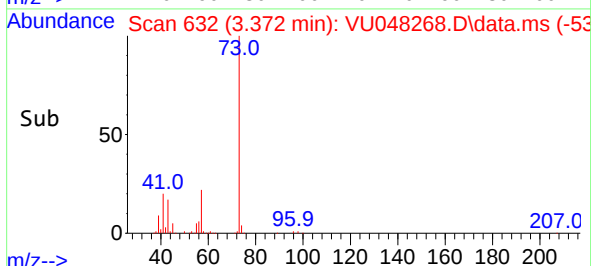
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

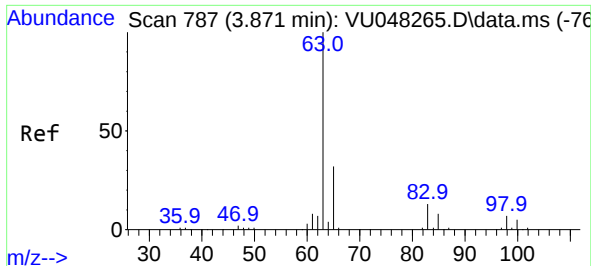


#18
Methyl tert-butyl Ether
Concen: 49.396 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



Tgt Ion: 73 Resp: 470893
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 22.1 17.9 26.9





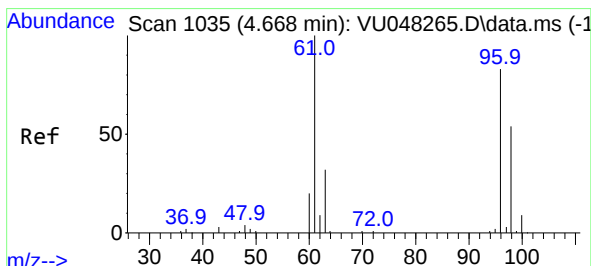
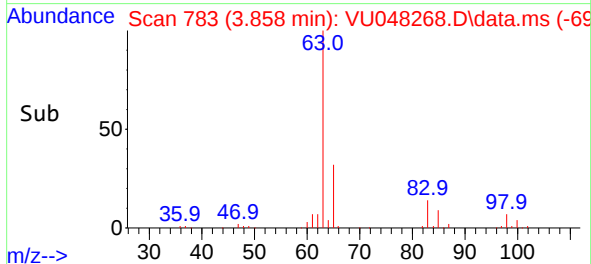
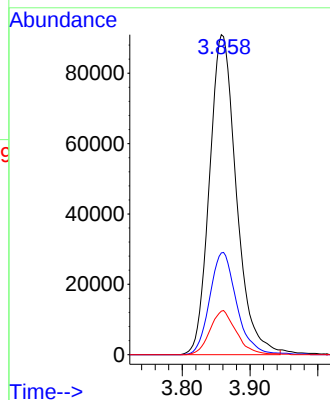
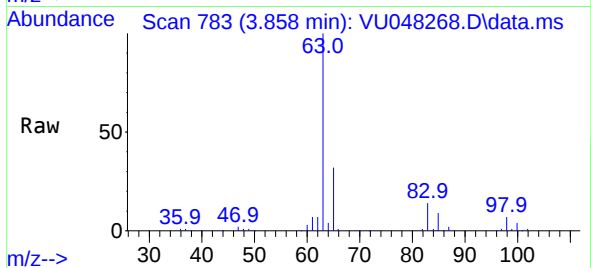
#19
1,1-Dichloroethane
Concen: 41.436 ug/L
RT: 3.858 min Scan# 783
Delta R.T. -0.013 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS

Tgt Ion: 63 Resp: 250348
Ion Ratio Lower Upper
63 100
65 31.8 22.0 40.8
83 13.6 8.8 16.4

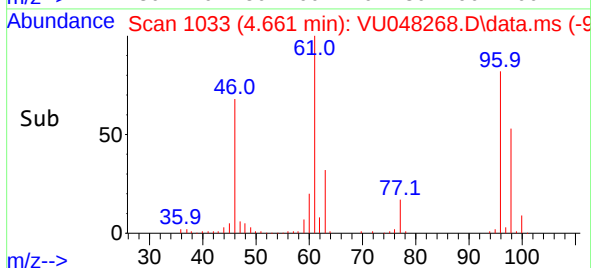
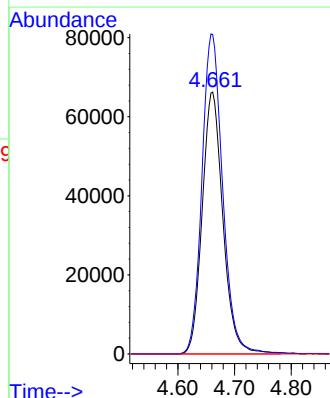
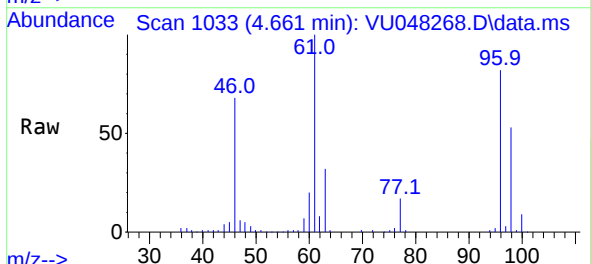
Manual Integrations
APPROVED

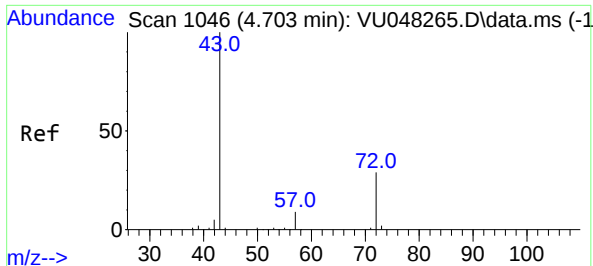
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#20
cis-1,2-Dichloroethene
Concen: 48.276 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion: 96 Resp: 168133
Ion Ratio Lower Upper
96 100
61 122.0 87.0 161.6
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 93.162 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.016 min

Lab File: VU048268.D

Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

ETNQ5MEMS

Tgt Ion: 43 Resp: 29338

Ion Ratio Lower Upper

43 100

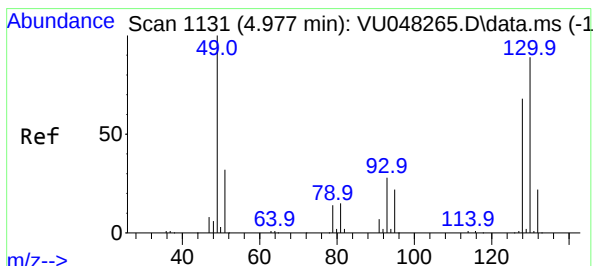
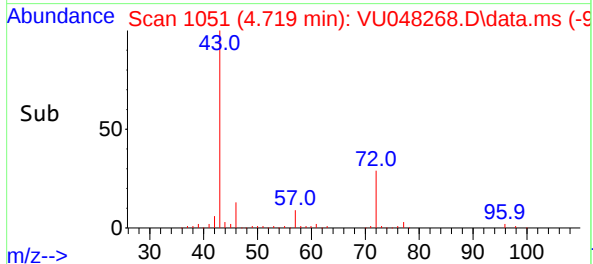
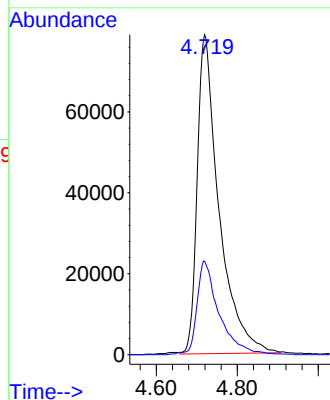
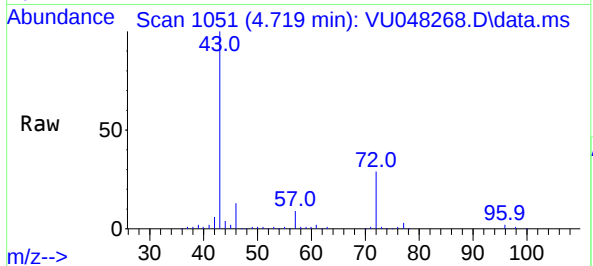
72 27.7 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#23

Bromochloromethane

Concen: 45.733 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU048268.D

Acq: 25 Apr 2022 14:51

Tgt Ion:128 Resp: 88924

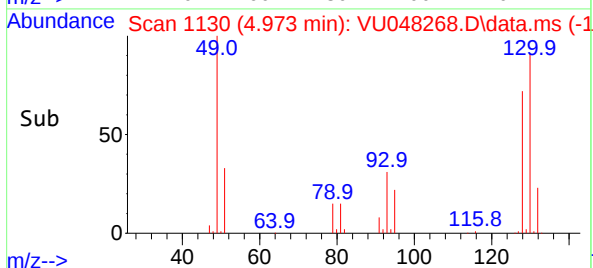
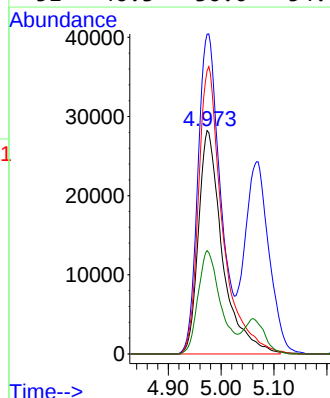
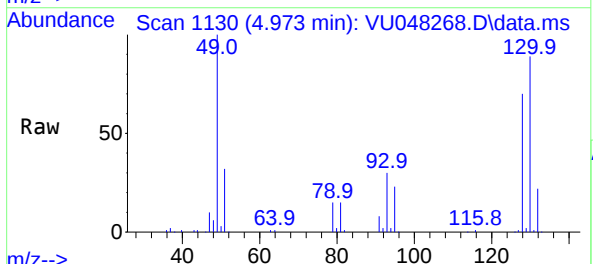
Ion Ratio Lower Upper

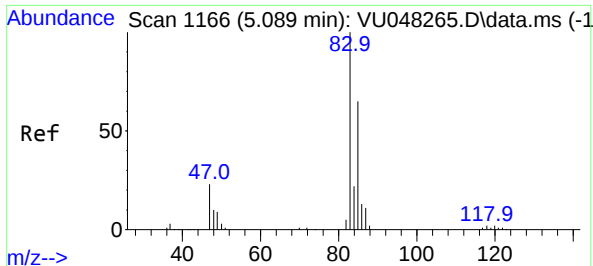
128 100

49 143.3 101.3 188.1

130 126.8 89.0 165.2

51 46.3 36.0 54.0





#25

Chloroform

Concen: 46.560 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048268.D

Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

ETNQ5MEMS

Tgt Ion: 83 Resp: 28725

Ion Ratio Lower Upper

83 100

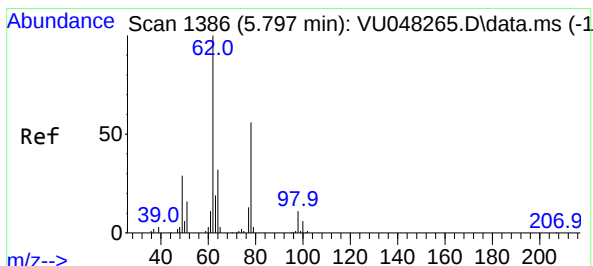
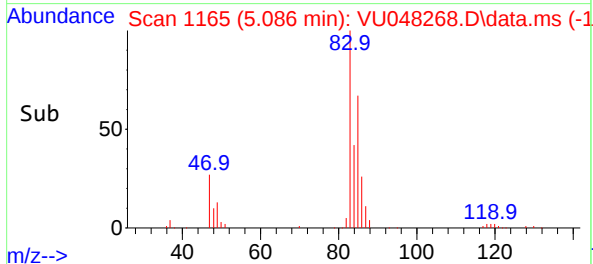
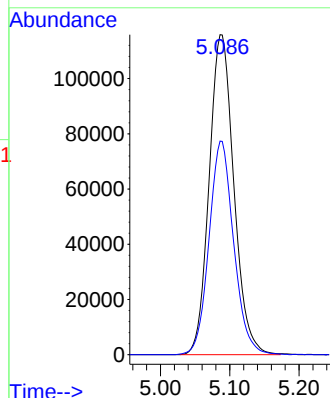
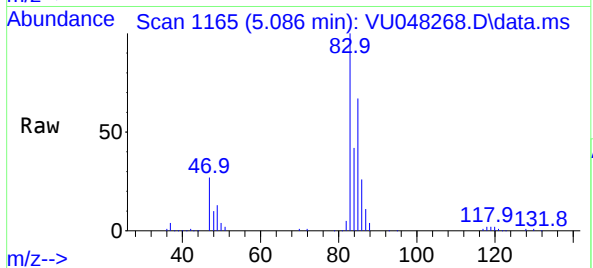
85 66.8 45.7 84.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#27

1,2-Dichloroethane

Concen: 47.642 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048268.D

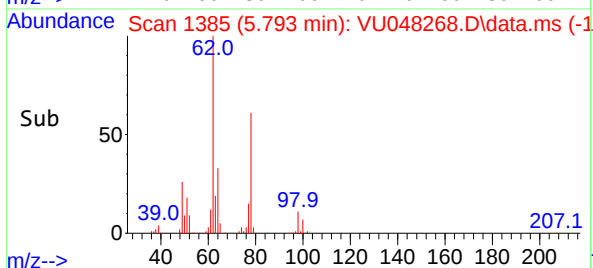
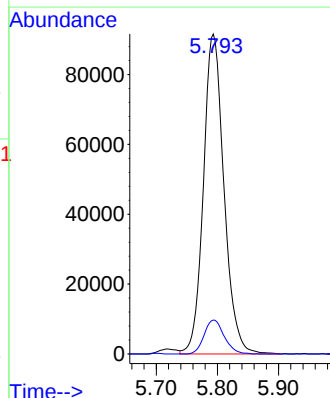
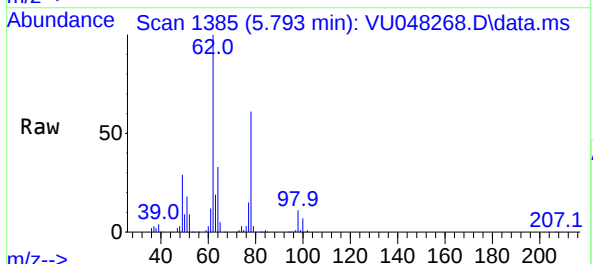
Acq: 25 Apr 2022 14:51

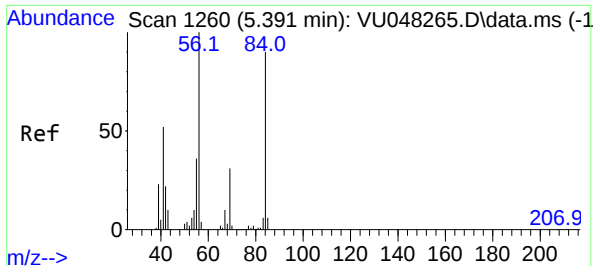
Tgt Ion: 62 Resp: 214396

Ion Ratio Lower Upper

62 100

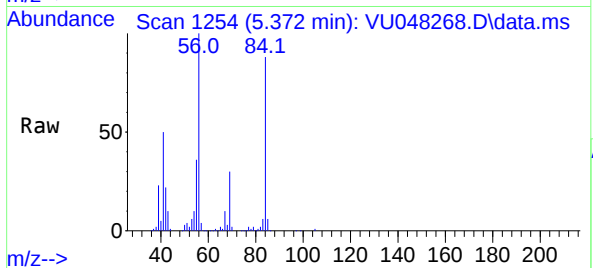
98 10.6 8.5 12.7





#29
Cyclohexane
Concen: 49.873 ug/L
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

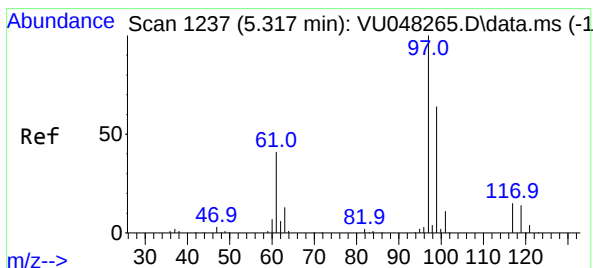
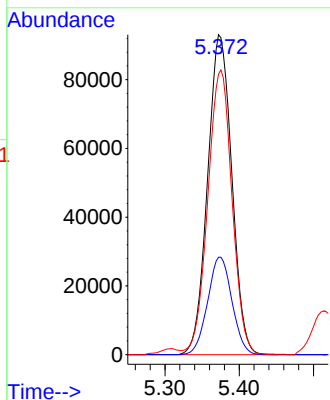
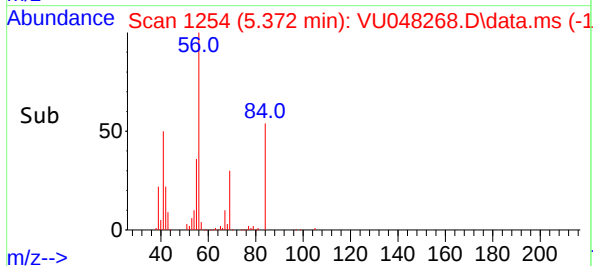
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



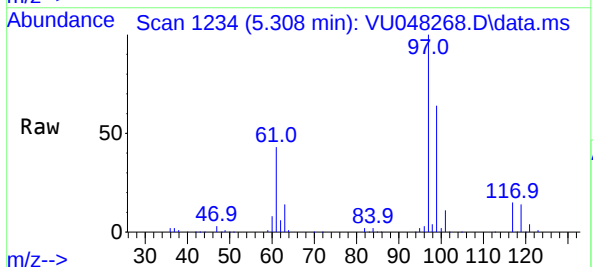
Tgt Ion: 56 Resp: 211158
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.4
84 89.3 72.2 108.2

Manual Integrations
APPROVED

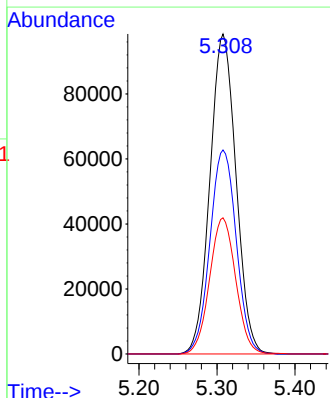
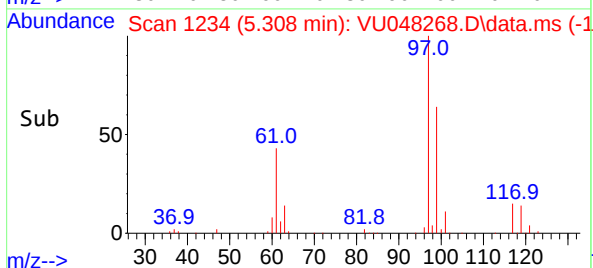
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

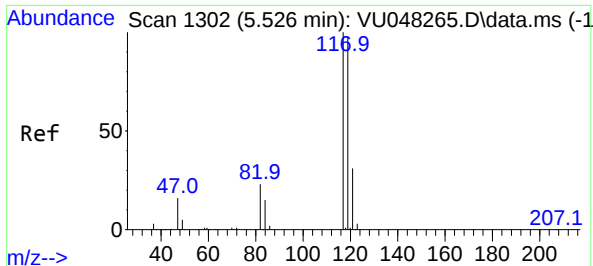


#30
1,1,1-Trichloroethane
Concen: 45.169 ug/L
RT: 5.308 min Scan# 1234
Delta R.T. -0.010 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



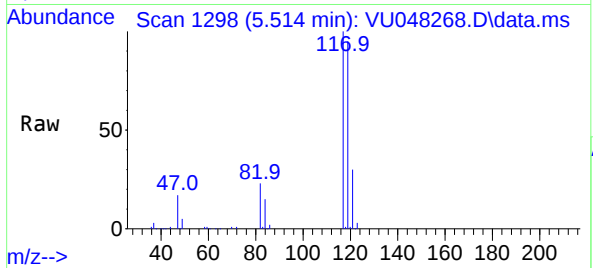
Tgt Ion: 97 Resp: 228892
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 42.6 33.9 50.9





#31
Carbon tetrachloride
Concen: 44.803 ug/L
RT: 5.514 min Scan# 117
Delta R.T. -0.013 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

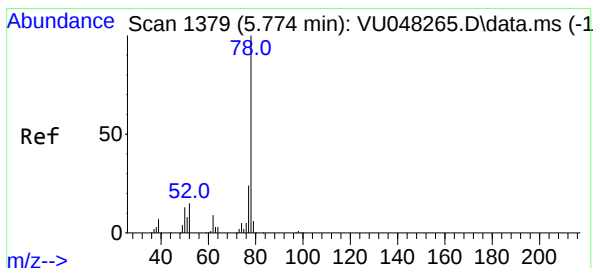
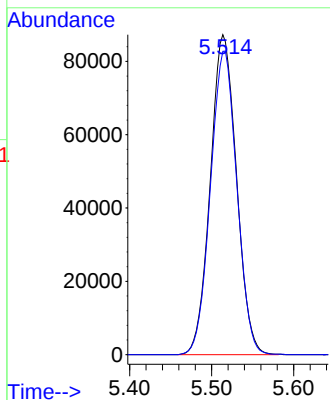
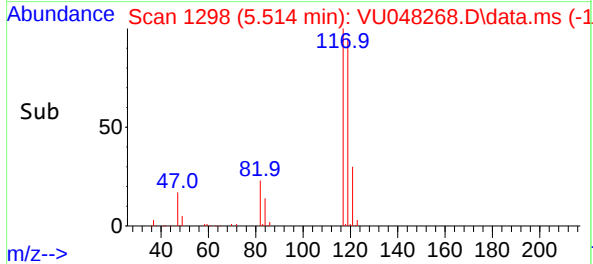
Instrument : MSVOA_U
ClientSampleId : ETNQ5MEMS



Tgt Ion: 117 Resp: 19350
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7

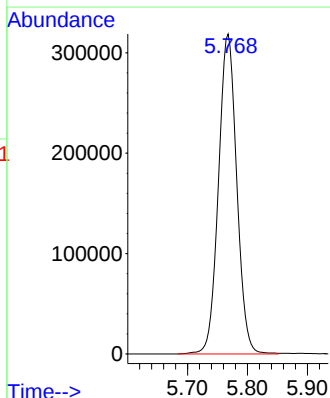
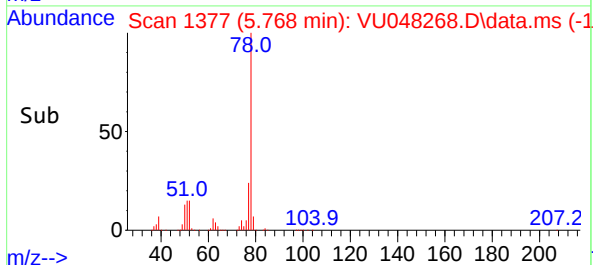
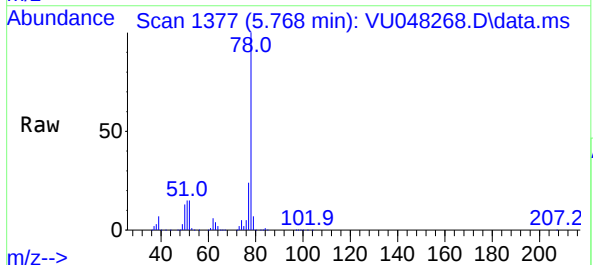
Manual Integrations
APPROVED

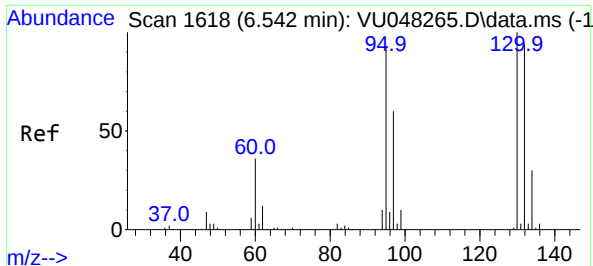
Reviewed By : Semsettin Yesilyurt 04/26/2022
Supervised By : Mahesh Dadoda 04/26/2022



#33
Benzene
Concen: 50.645 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion: 78 Resp: 671925





#34
Trichloroethene
Concen: 47.404 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

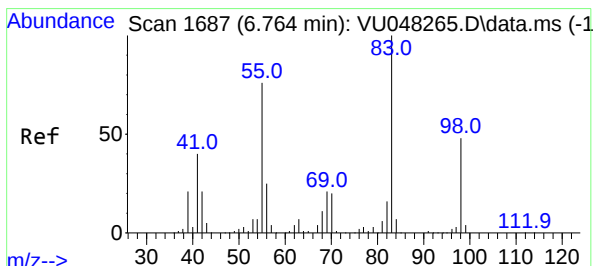
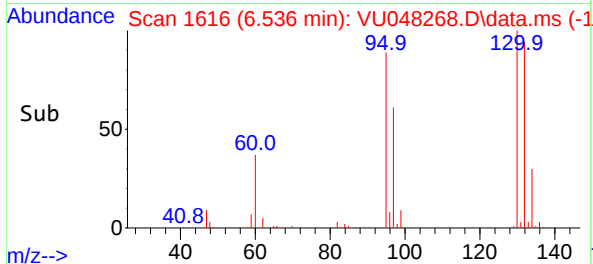
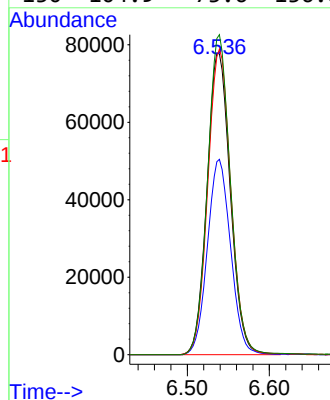
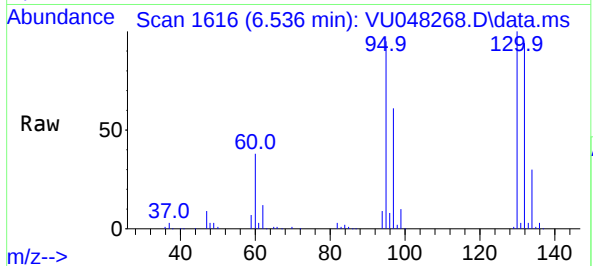
ETNQ5MEMS

Tgt Ion: 95 Resp: 15415
Ion Ratio Lower Upper
95 100
97 64.0 45.8 85.2
132 98.8 71.6 133.0
130 104.9 73.6 136.8

Manual Integrations

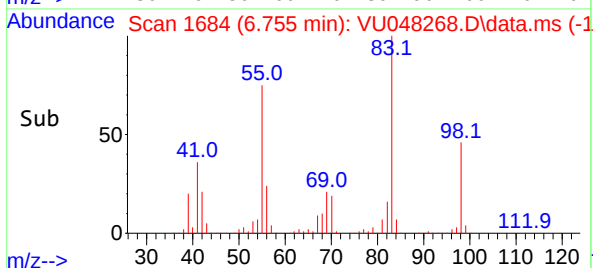
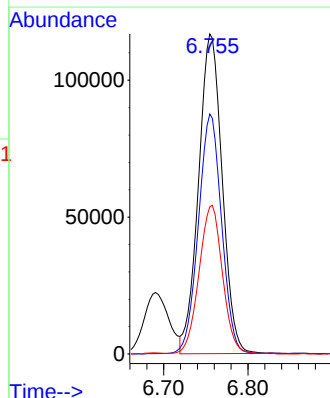
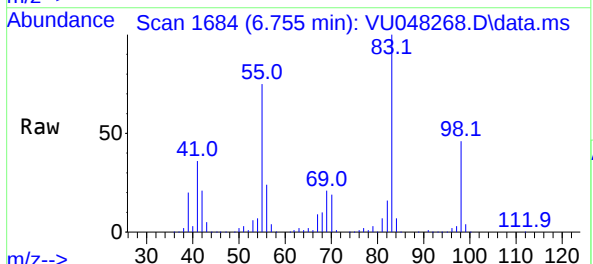
APPROVED

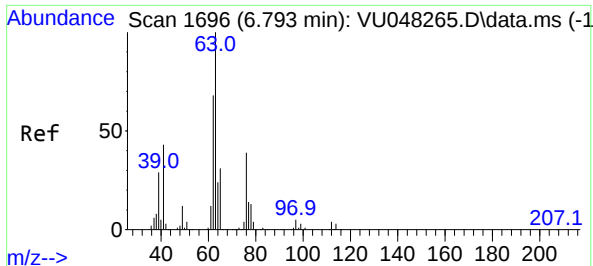
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#35
Methylcyclohexane
Concen: 49.870 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.010 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion: 83 Resp: 227687
Ion Ratio Lower Upper
83 100
55 74.0 59.4 89.2
98 46.3 37.3 55.9





#37
1,2-Dichloropropane
Concen: 47.443 ug/L
RT: 6.790 min Scan# 1190
Delta R.T. -0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

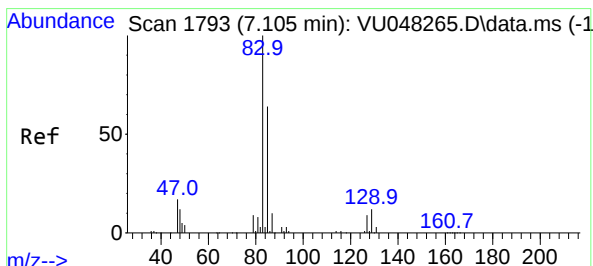
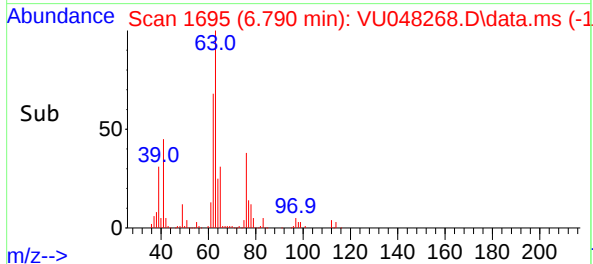
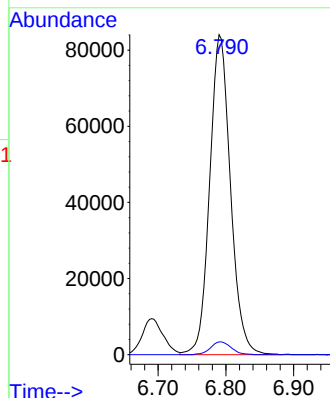
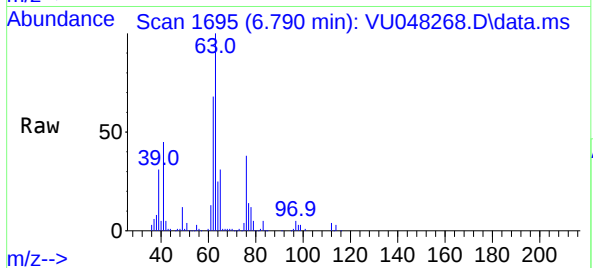
ETNQ5MEMS

Tgt Ion: 63 Resp: 17908
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7

Manual Integrations

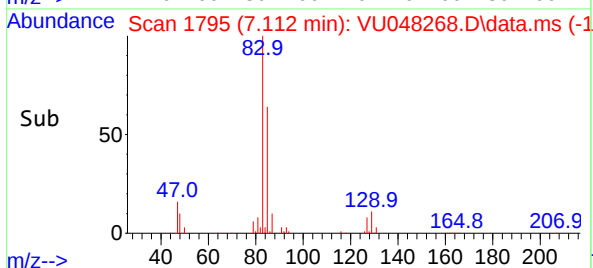
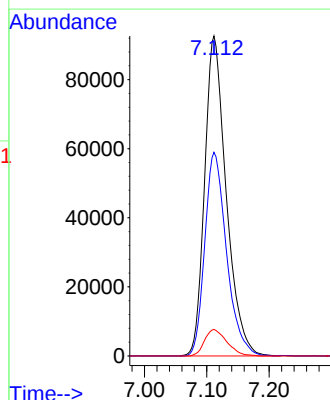
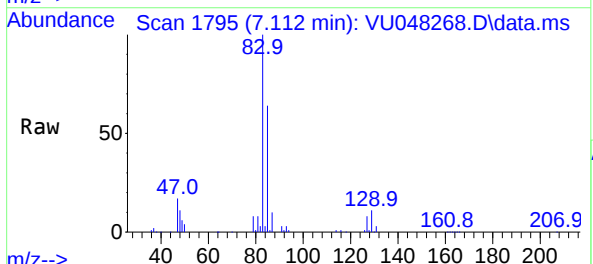
APPROVED

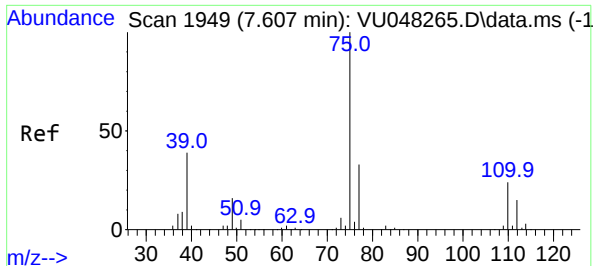
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#38
Bromodichloromethane
Concen: 46.826 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion: 83 Resp: 223223
Ion Ratio Lower Upper
83 100
85 63.7 45.3 84.1
127 8.3 7.2 10.8





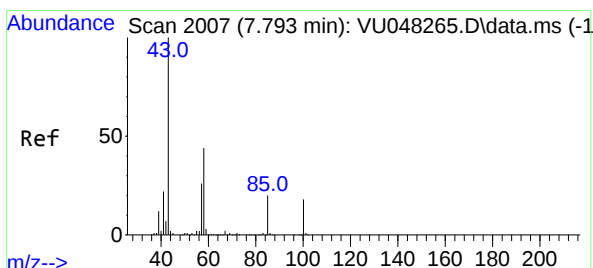
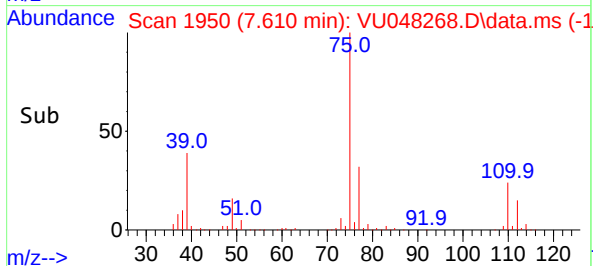
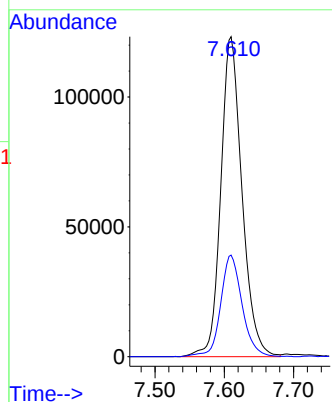
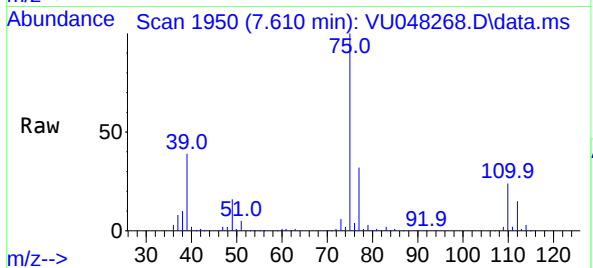
#39
cis-1,3-Dichloropropene
Concen: 49.461 ug/L
RT: 7.610 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS

Tgt Ion: 75 Resp: 26253
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0

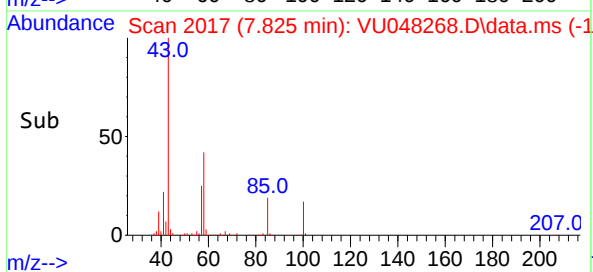
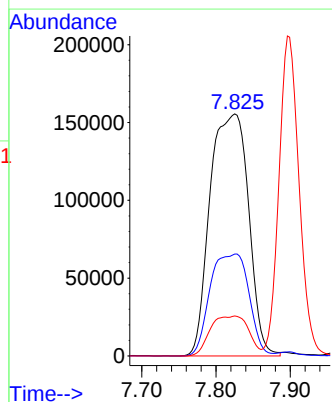
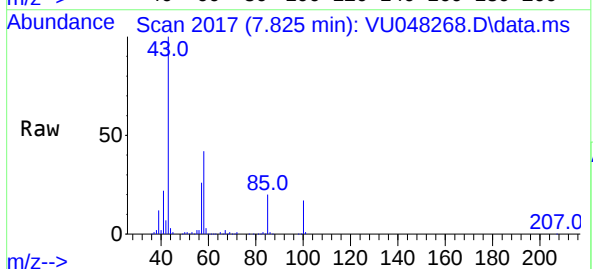
Manual Integrations
APPROVED

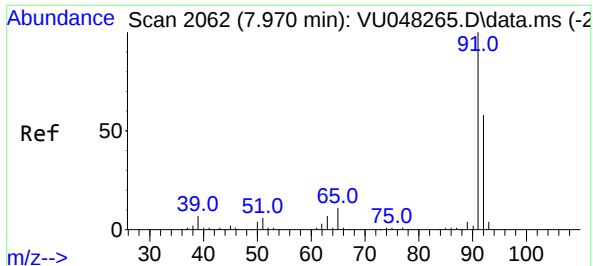
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#40
4-Methyl-2-pentanone
Concen: 98.370 ug/L
RT: 7.825 min Scan# 2017
Delta R.T. 0.032 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

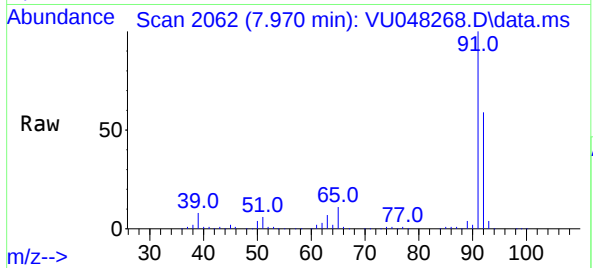
Tgt Ion: 43 Resp: 560058
Ion Ratio Lower Upper
43 100
58 42.5 34.4 51.6
100 8.0 13.6 20.4#





#42
Toluene
Concen: 50.692 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

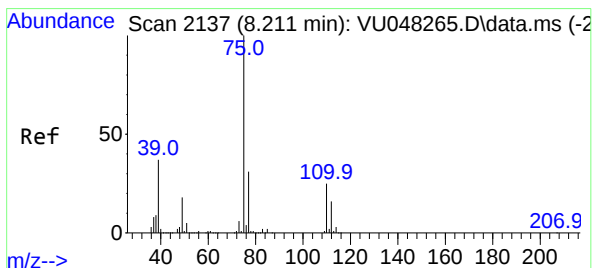
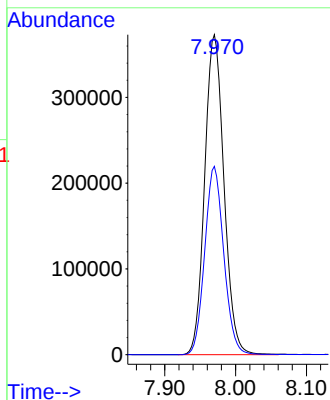
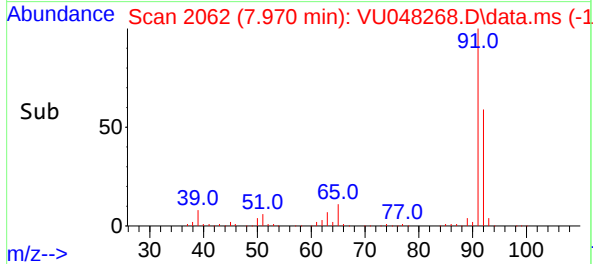
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



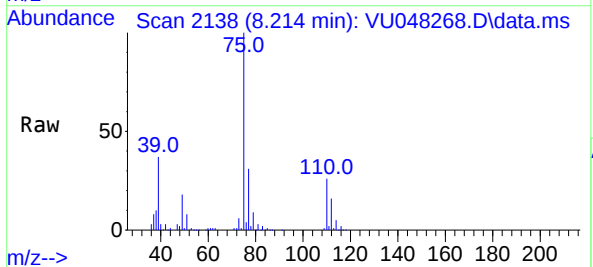
Tgt Ion: 91 Resp: 70610
Ion Ratio Lower Upper
91 100
92 58.9 40.9 76.0

Manual Integrations
APPROVED

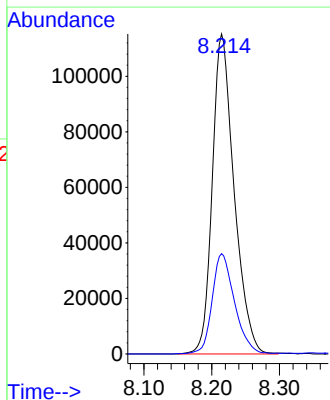
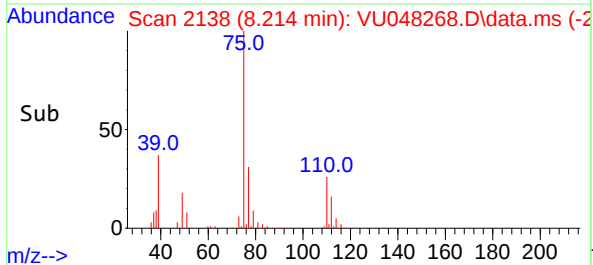
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

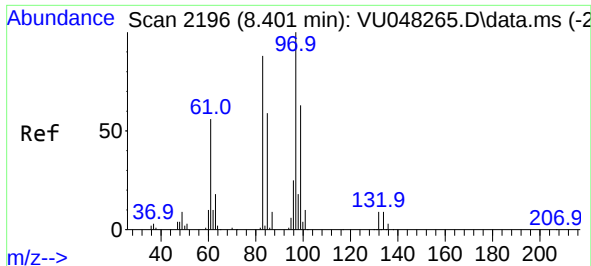


#44
trans-1,3-Dichloropropene
Concen: 49.673 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



Tgt Ion: 75 Resp: 257578
Ion Ratio Lower Upper
75 100
77 31.3 22.1 41.1





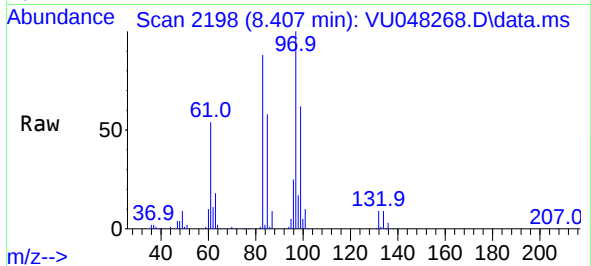
#45
1,1,2-Trichloroethane
Concen: 48.022 ug/L
RT: 8.407 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

ETNQ5MEMS

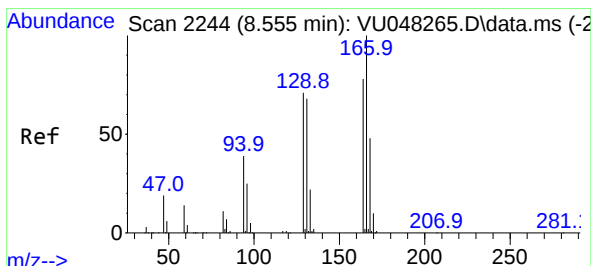
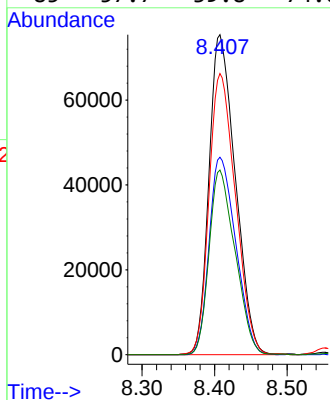
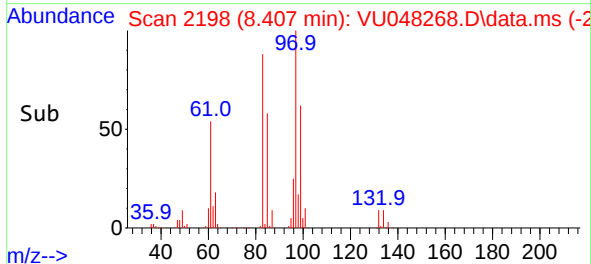


Tgt Ion: 97 Resp: 19018
Ion Ratio Lower Upper
97 100
99 61.7 43.7 81.1
83 87.9 62.6 116.2
85 57.7 39.8 74.0

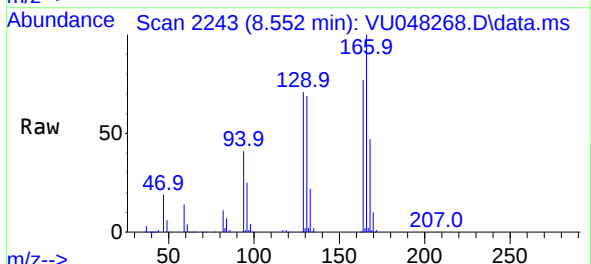
Manual Integrations

APPROVED

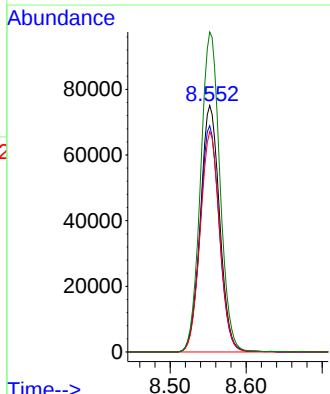
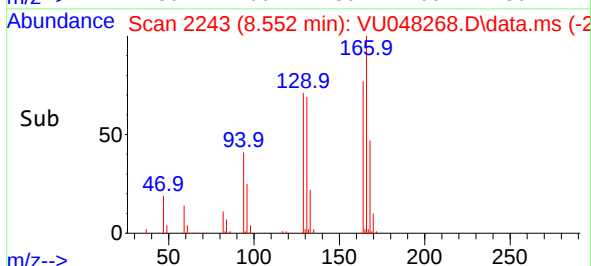
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

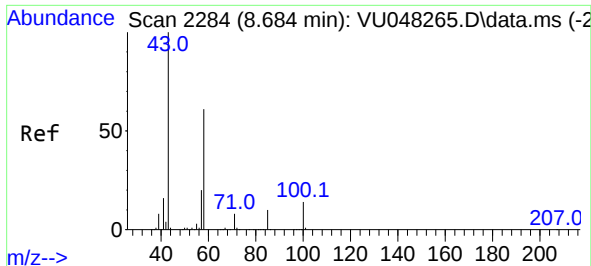


#46
Tetrachloroethene
Concen: 47.405 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



Tgt Ion:164 Resp: 132307
Ion Ratio Lower Upper
164 100
129 91.7 63.3 117.7
131 89.4 61.2 113.6
166 129.8 88.9 165.1





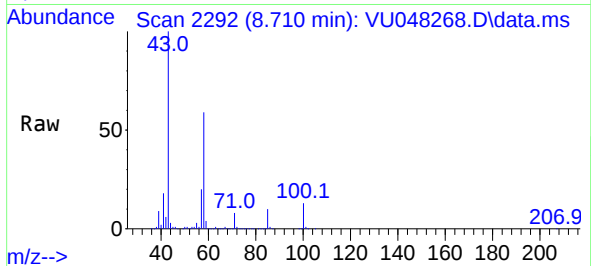
#48
2-Hexanone
Concen: 102.261 ug/L
RT: 8.710 min Scan# 21
Delta R.T. 0.026 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

ETNQ5MEMS

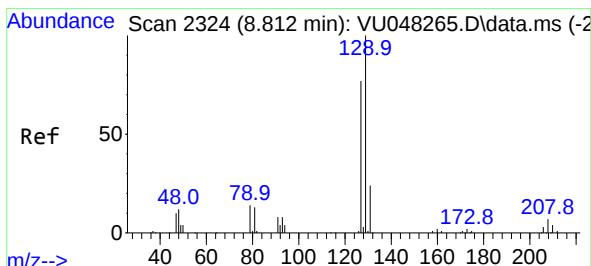
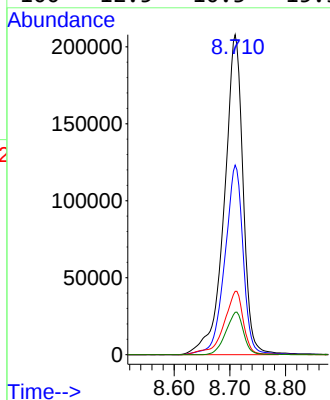
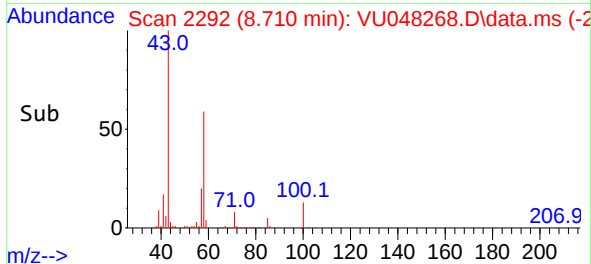


Tgt Ion: 43 Resp: 48618
Ion Ratio Lower Upper
43 100
58 58.1 48.1 72.1
57 20.6 16.2 24.4
100 12.5 10.3 15.5

Manual Integrations

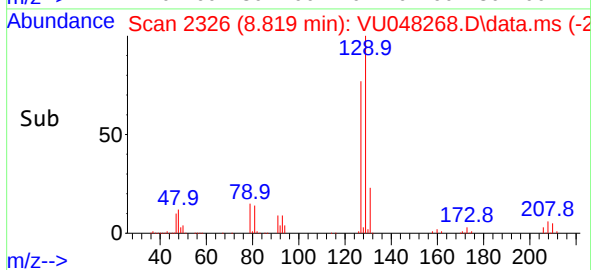
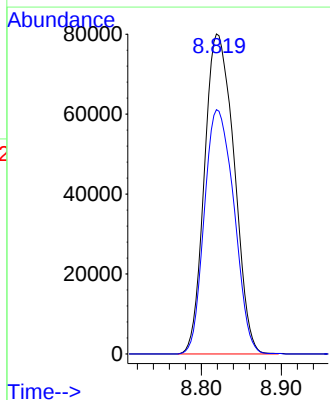
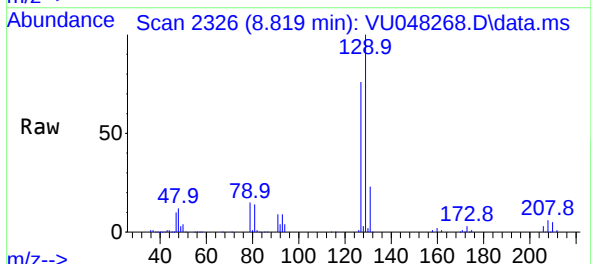
APPROVED

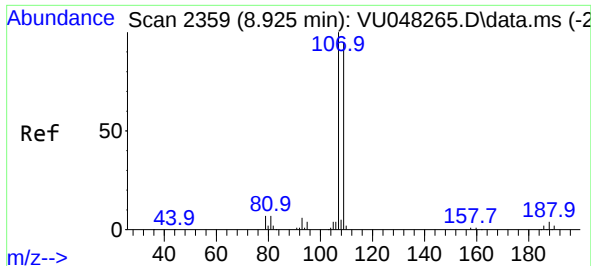
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#49
Dibromochloromethane
Concen: 47.369 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion:129 Resp: 206145
Ion Ratio Lower Upper
129 100
127 76.3 53.8 99.8





#50

1,2-Dibromoethane

Concen: 49.882 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048268.D

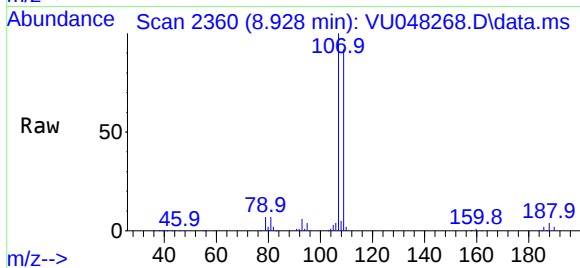
Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

ETNQ5MEMS

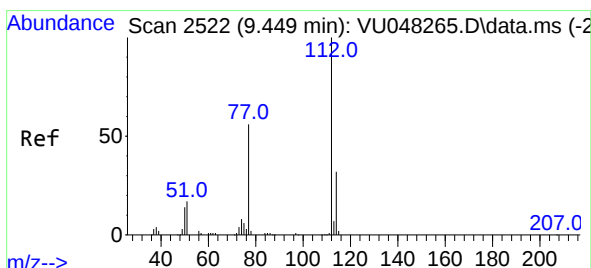
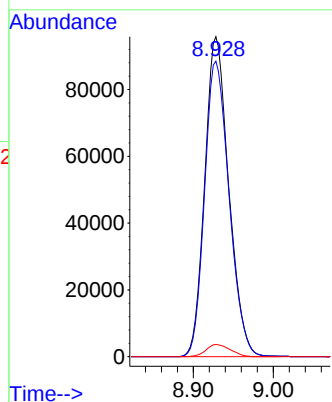


Tgt Ion:	107	Resp:	200334
Ion	Ratio	Lower	Upper
107	100		
109	92.4	65.0	120.8
188	3.8	3.1	4.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#51

Chlorobenzene

Concen: 62.422 ug/L

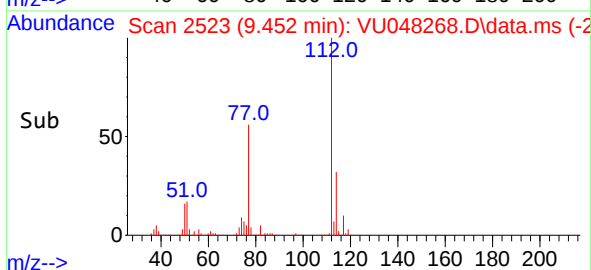
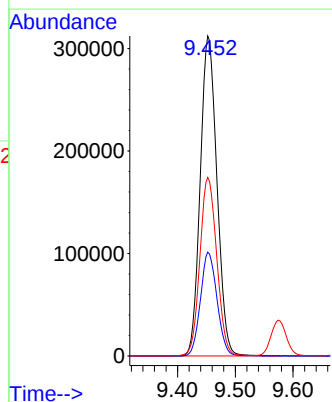
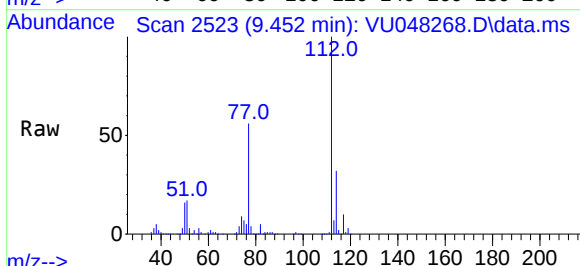
RT: 9.452 min Scan# 2523

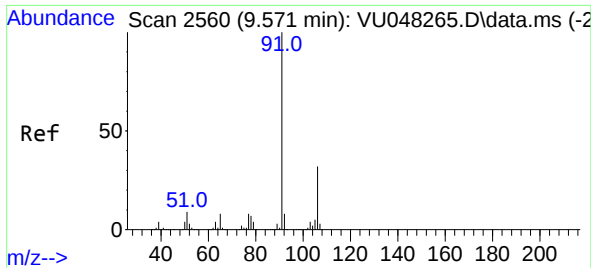
Delta R.T. 0.003 min

Lab File: VU048268.D

Acq: 25 Apr 2022 14:51

Tgt Ion:	112	Resp:	626738
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.1
77	55.8	44.3	66.5





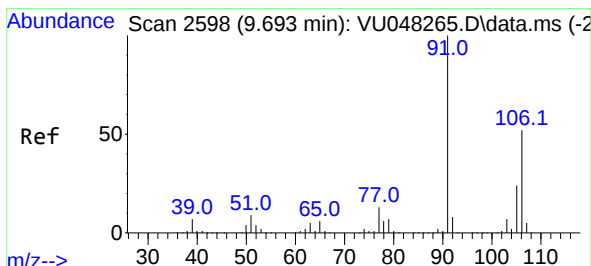
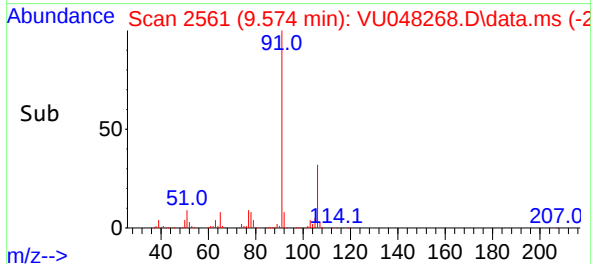
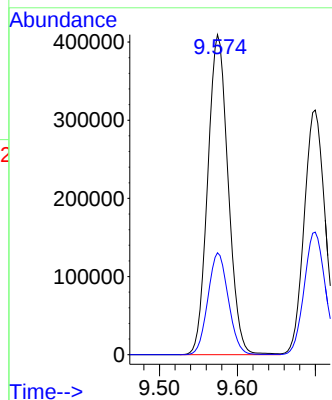
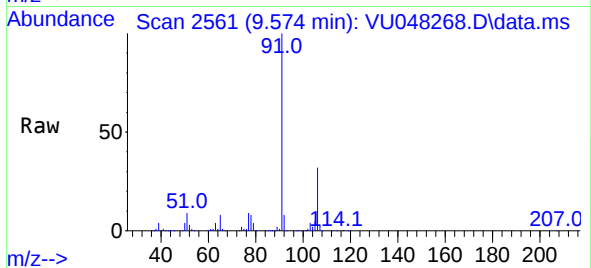
#52
Ethylbenzene
Concen: 51.649 ug/L
RT: 9.574 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS

Tgt Ion: 91 Resp: 745075
Ion Ratio Lower Upper
91 100
106 31.8 22.5 41.9

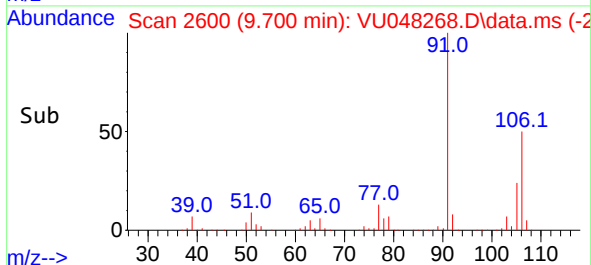
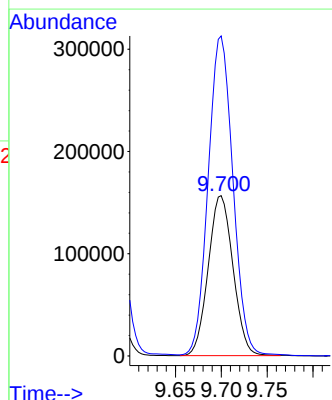
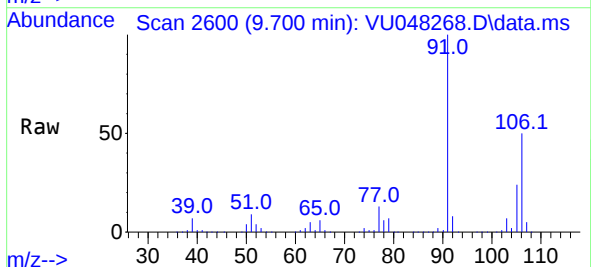
Manual Integrations
APPROVED

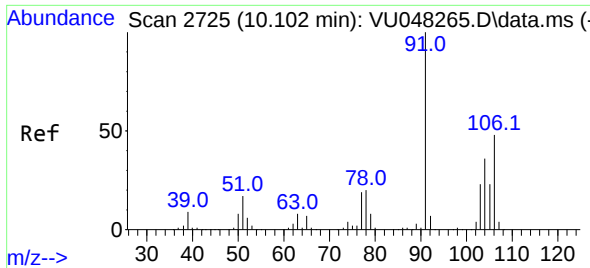
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#53
m,p-Xylene
Concen: 51.622 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion:106 Resp: 293868
Ion Ratio Lower Upper
106 100
91 199.6 137.4 255.2





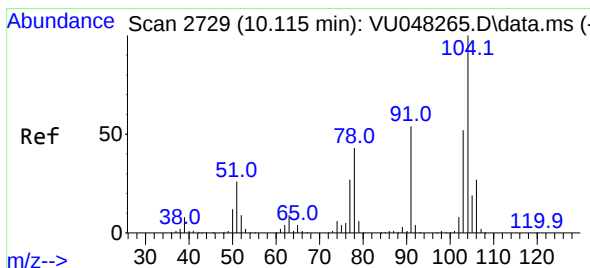
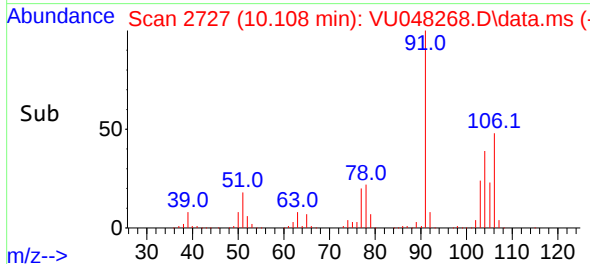
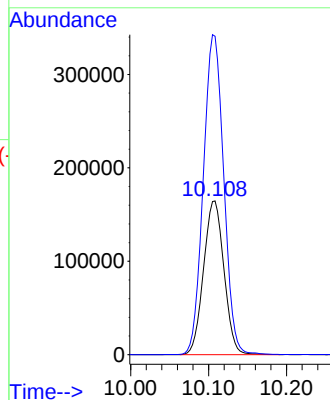
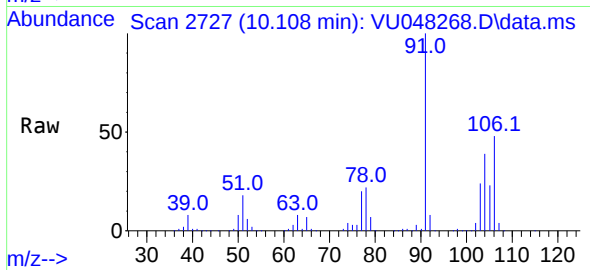
#54
o-Xylene
Concen: 52.334 ug/L
RT: 10.108 min Scan# 2713
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS

Tgt Ion:106 Resp: 300130
Ion Ratio Lower Upper
106 100
91 207.2 145.3 269.8

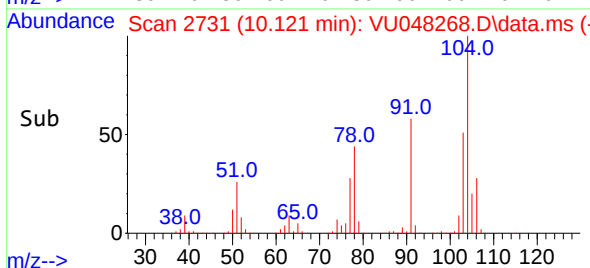
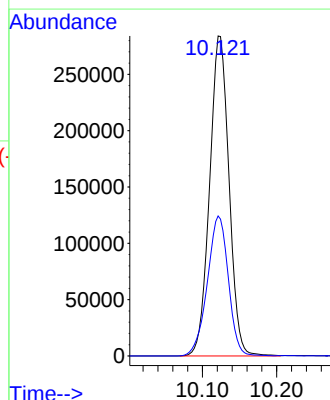
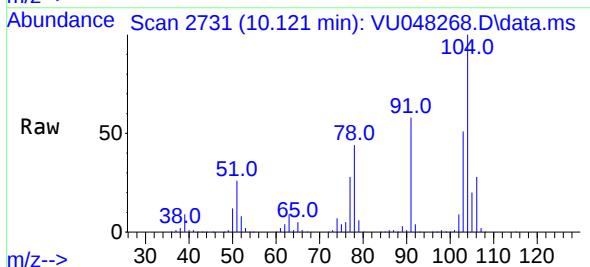
Manual Integrations
APPROVED

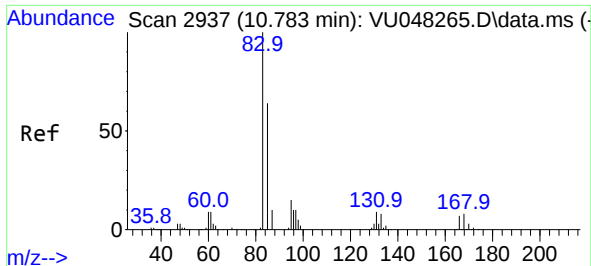
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#55
Styrene
Concen: 52.728 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Tgt Ion:104 Resp: 515141
Ion Ratio Lower Upper
104 100
78 43.7 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 45.882 ug/L

RT: 10.790 min Scan# 2937

Delta R.T. 0.006 min

Lab File: VU048268.D

Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

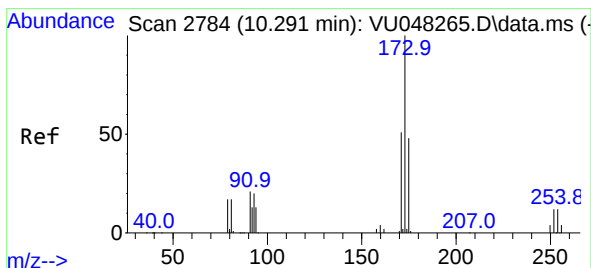
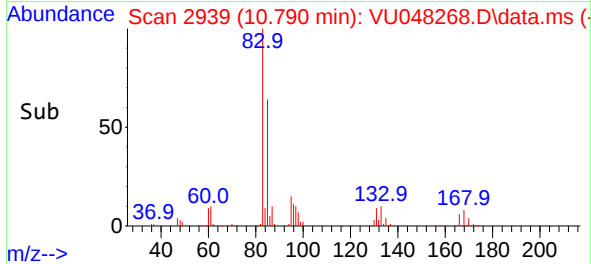
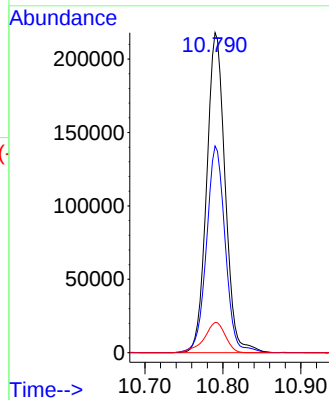
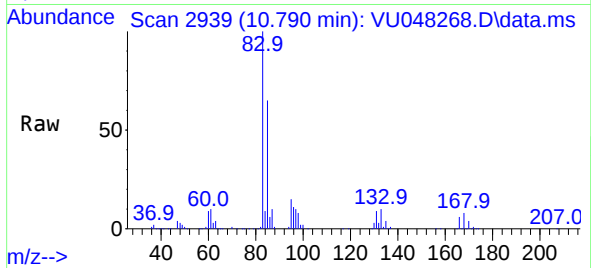
ETNQ5MEMS

Tgt Ion:	83	Resp:	35863
Ion Ratio	Lower	Upper	
83	100		
85	64.6	45.1	83.7
131	9.5	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#59

Bromoform

Concen: 47.116 ug/L

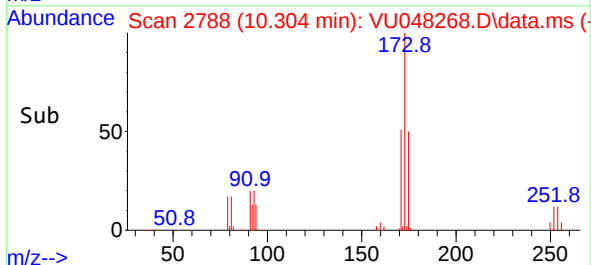
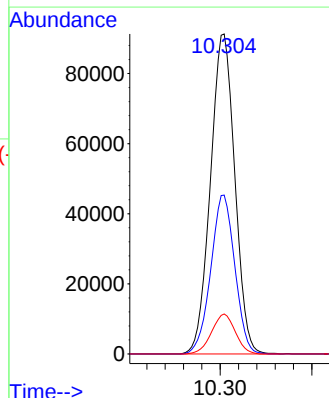
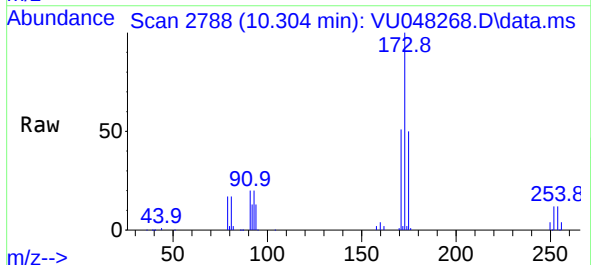
RT: 10.304 min Scan# 2788

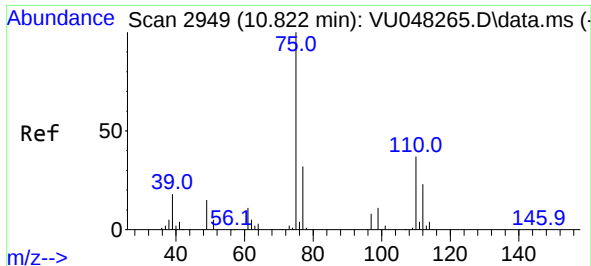
Delta R.T. 0.013 min

Lab File: VU048268.D

Acq: 25 Apr 2022 14:51

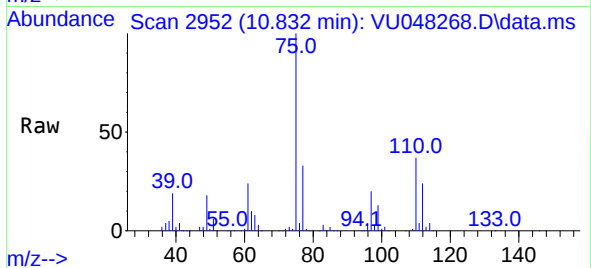
Tgt Ion:	173	Resp:	168370
Ion Ratio	Lower	Upper	
173	100		
175	48.9	38.9	58.3
254	12.1	9.5	14.3





#60
1,2,3-Trichloropropane
Concen: 47.739 ug/L
RT: 10.832 min Scan# 2949
Delta R.T. 0.010 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

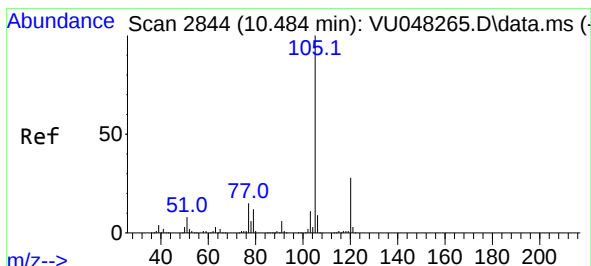
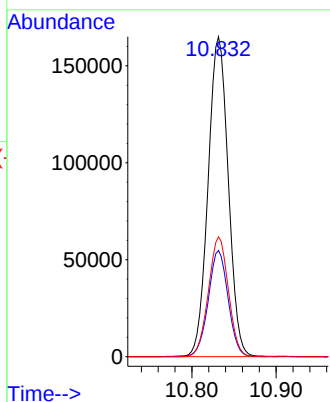
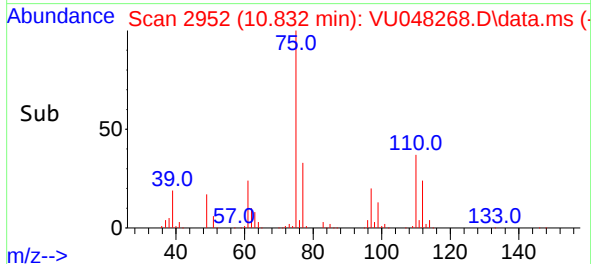
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



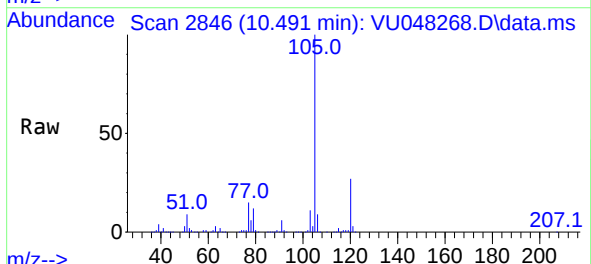
Tgt Ion: 75 Resp: 274225
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
110 37.2 29.9 44.9

Manual Integrations
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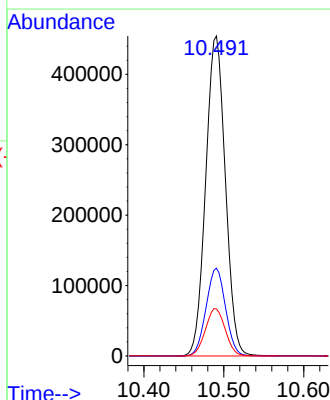
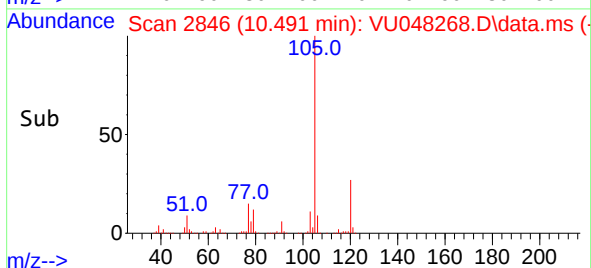
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

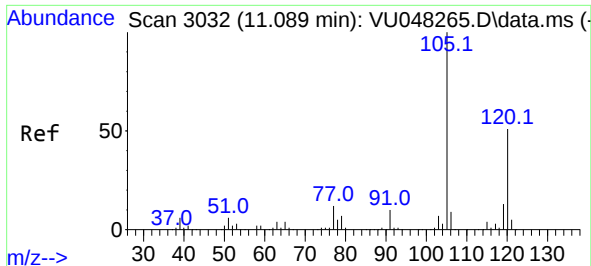


#61
Isopropylbenzene
Concen: 56.258 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



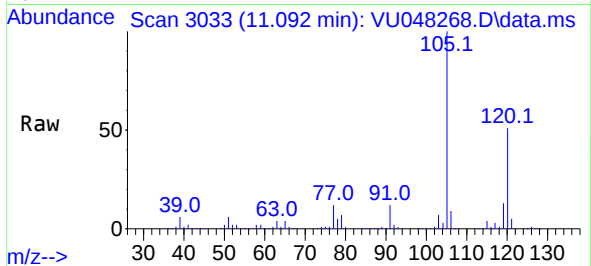
Tgt Ion:105 Resp: 774539
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 15.0 11.7 17.5





#62
1,3,5-Trimethylbenzene
Concen: 55.804 ug/L
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

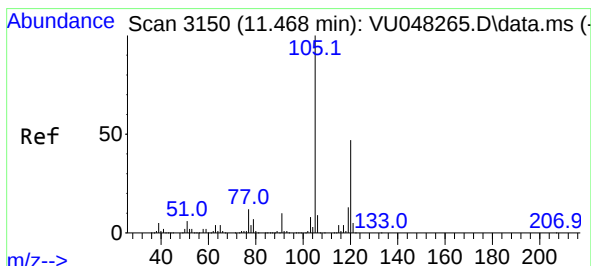
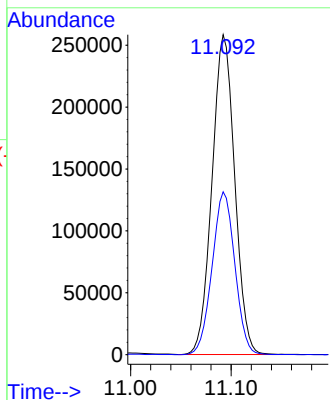
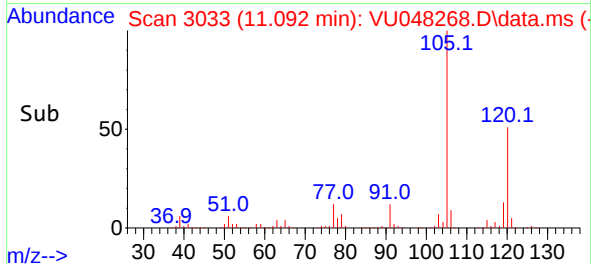
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



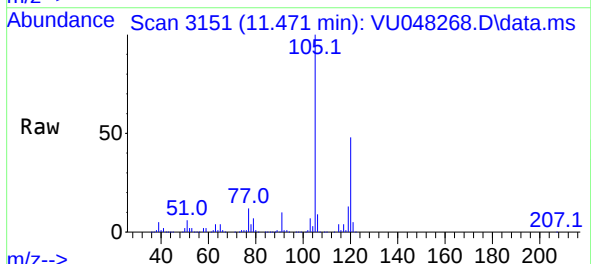
Tgt Ion:105 Resp: 404930
Ion Ratio Lower Upper
105 100
120 51.1 40.7 61.1

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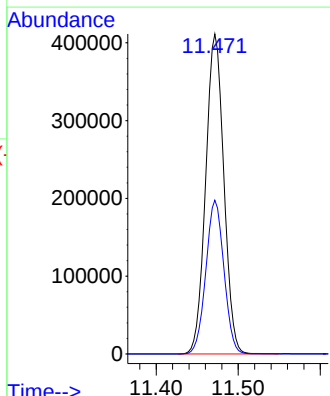
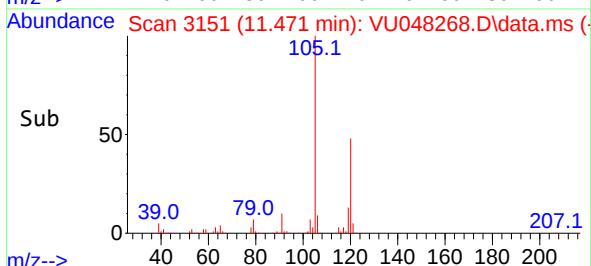
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

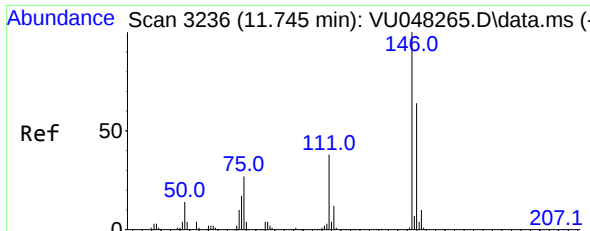


#63
1,2,4-Trimethylbenzene
Concen: 56.654 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



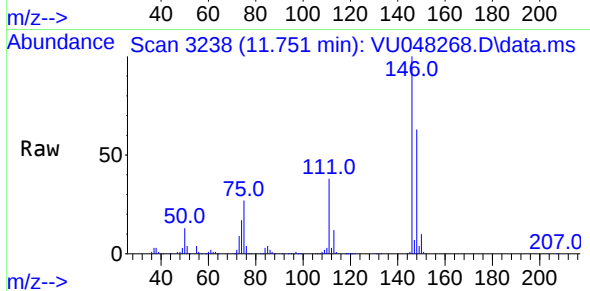
Tgt Ion:105 Resp: 632051
Ion Ratio Lower Upper
105 100
120 47.7 38.0 57.0





#64
1,3-Dichlorobenzene
Concen: 49.537 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

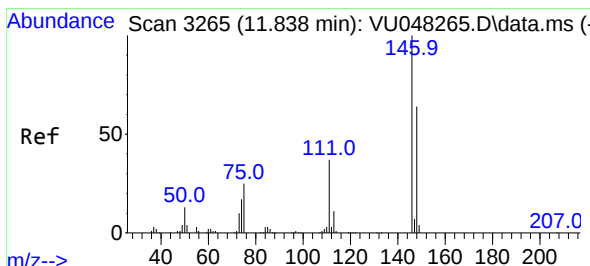
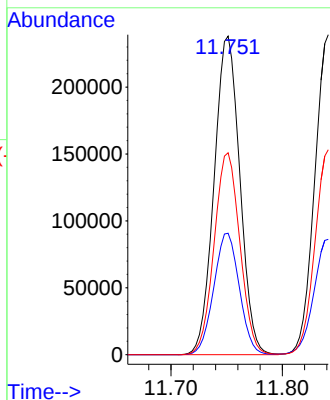
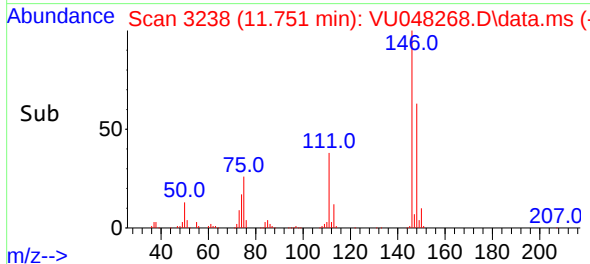
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



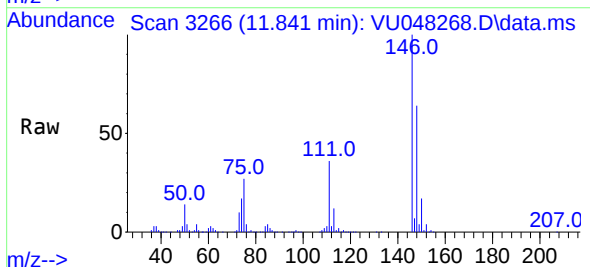
Tgt Ion:146 Resp: 38235
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 63.4 44.9 83.5

Manual Integrations
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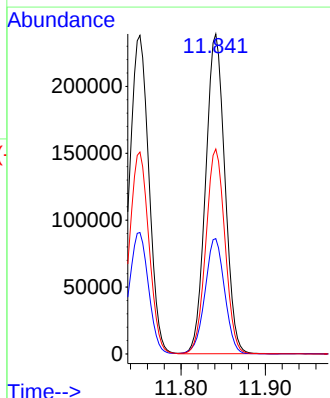
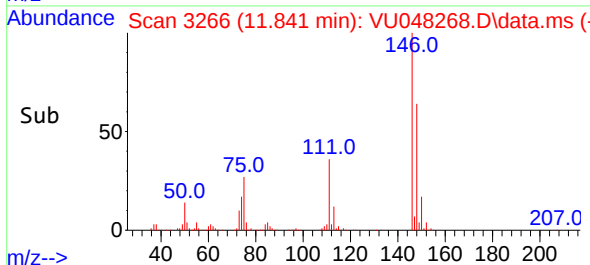
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

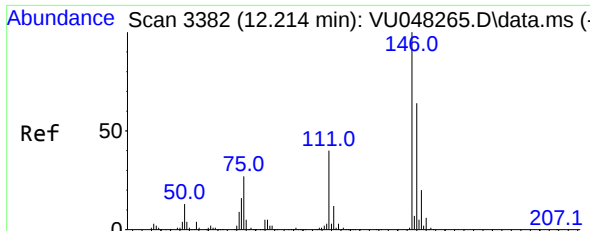


#65
1,4-Dichlorobenzene
Concen: 48.136 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



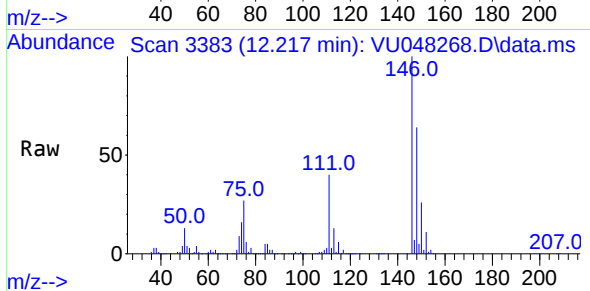
Tgt Ion:146 Resp: 379305
Ion Ratio Lower Upper
146 100
111 36.0 25.9 48.1
148 64.1 45.1 83.7





#67
1,2-Dichlorobenzene
Concen: 47.866 ug/L
RT: 12.217 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

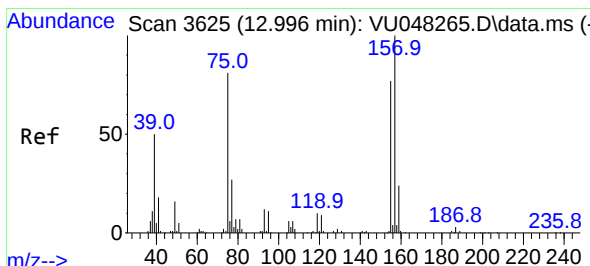
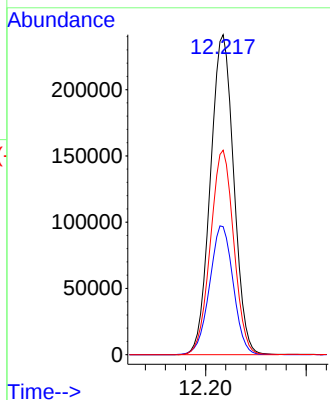
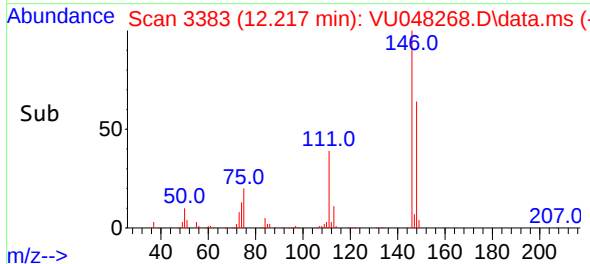
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



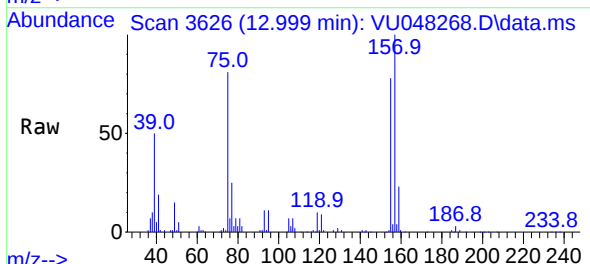
Tgt Ion:146 Resp: 38920
Ion Ratio Lower Upper
146 100
111 40.0 31.7 47.5
148 63.9 50.9 76.3

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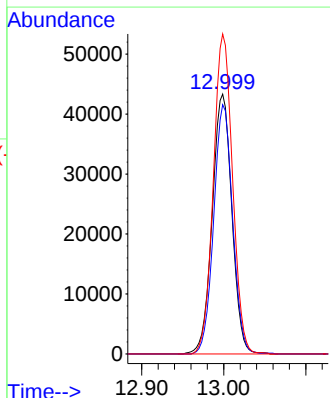
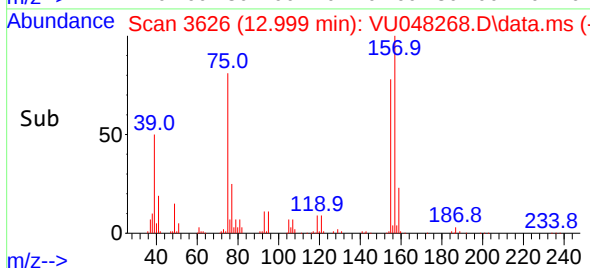
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

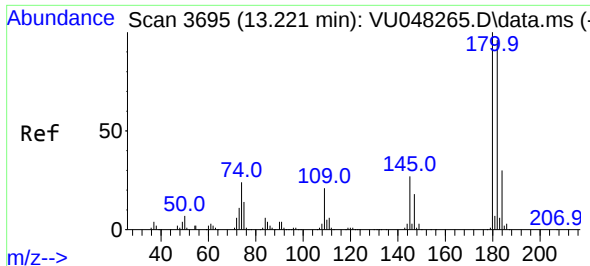


#68
1,2-Dibromo-3-chloropropane
Concen: 46.973 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



Tgt Ion: 75 Resp: 72030
Ion Ratio Lower Upper
75 100
155 95.9 71.8 107.6
157 123.1 93.4 140.2





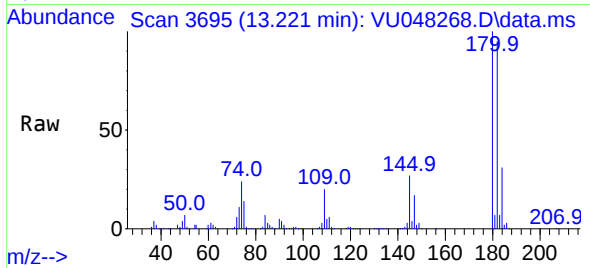
#69
1,3,5-Trichlorobenzene
Concen: 52.244 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

ETNQ5MEMS

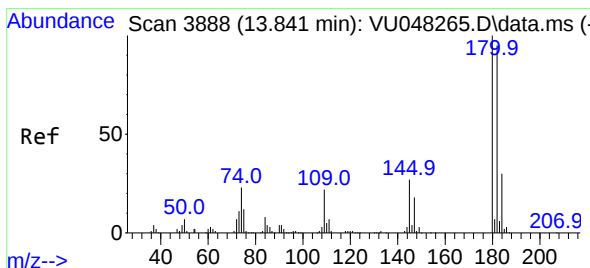
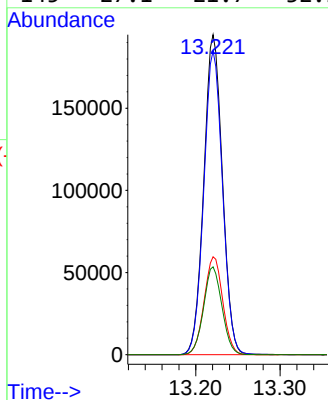
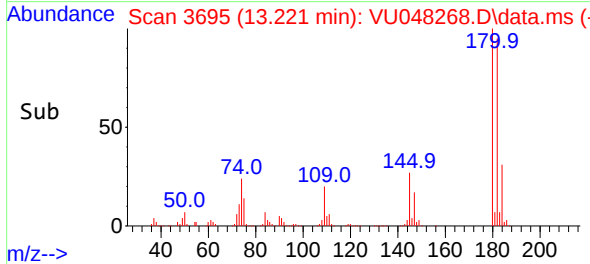


Tgt Ion:180 Resp: 299645
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.4
184 30.6 24.6 37.0
145 27.1 21.7 32.5

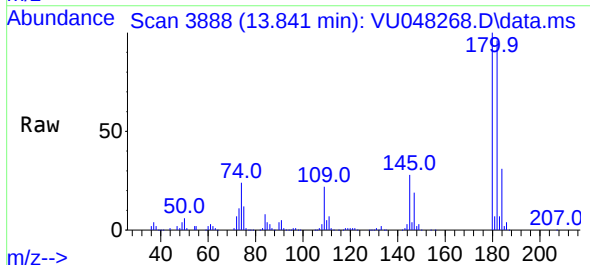
Manual Integrations

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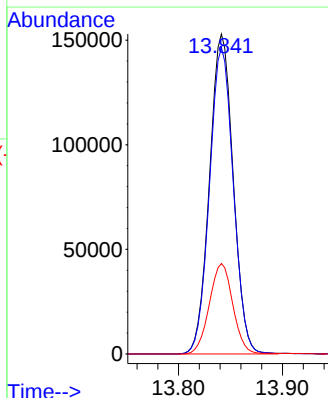
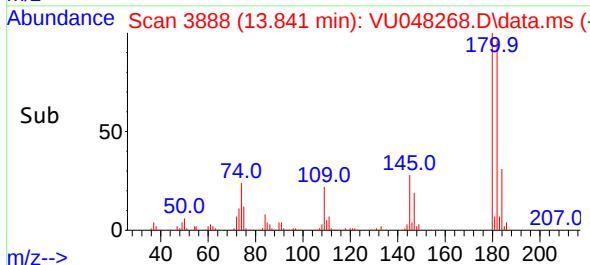
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

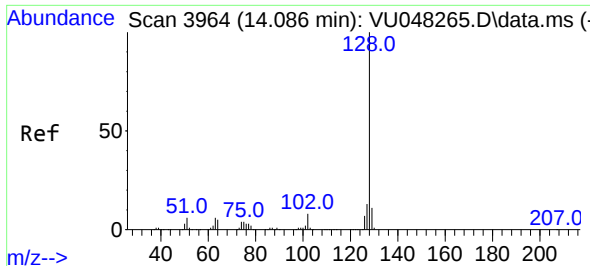


#70
1,2,4-trichlorobenzene
Concen: 53.397 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



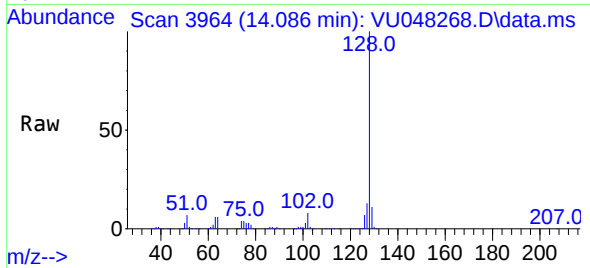
Tgt Ion:180 Resp: 241953
Ion Ratio Lower Upper
180 100
182 96.1 76.3 114.5
145 28.0 22.6 33.8





#71
Naphthalene
Concen: 56.023 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51

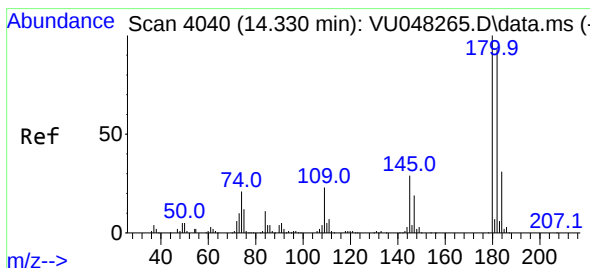
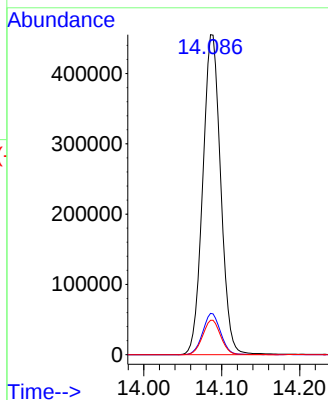
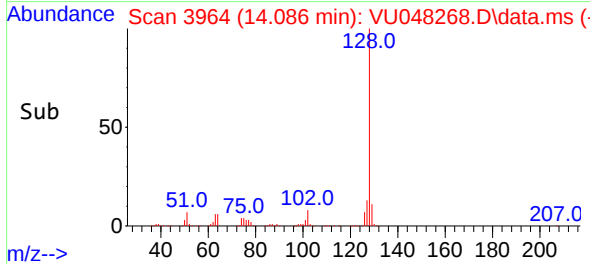
Instrument :
MSVOA_U
ClientSampleId :
ETNQ5MEMS



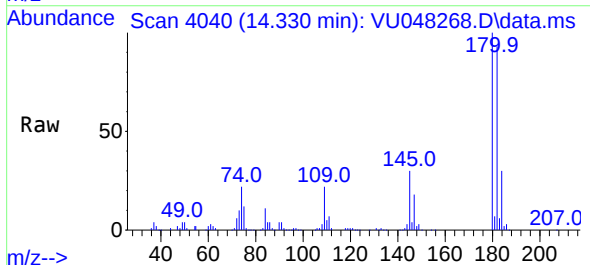
Tgt Ion:128 Resp: 726468
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#72
1,2,3-Trichlorobenzene
Concen: 54.137 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048268.D
Acq: 25 Apr 2022 14:51



Tgt Ion:180 Resp: 251397
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.6
145 29.9 23.5 35.3

