

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048271.D
 Acq On : 25 Apr 2022 16:28
 Operator : SY/MD
 Sample : N2316-24MEMSD
 Misc : 7.18g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS0MEMSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 02:45:10 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	6.250	114	403417	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	427000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	240280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153391	41.349	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.700%		
7) Chloroethane-d5	1.890	69	69632m	26.741	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	53.480%#		
11) 1,1-Dichloroethene-d2	2.539	63	246520	41.474	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.940%		
21) 2-Butanone-d5	4.642	46	308345	97.453	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.450%		
24) Chloroform-d	5.064	84	299100	44.451	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.900%		
26) 1,2-Dichloroethane-d4	5.703	65	184253	46.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.300%		
32) Benzene-d6	5.723	84	620506	46.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
36) 1,2-Dichloropropane-d6	6.690	67	206238	46.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.640%		
41) Toluene-d8	7.899	98	572311	46.884	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
43) trans-1,3-Dichloroprop...	8.186	79	95056	48.385	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.780%		
47) 2-Hexanone-d5	8.668	63	239174	99.569	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.570%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	349144	44.714	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.420%		
66) 1,2-Dichlorobenzene-d4	12.198	152	254675	47.117	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	139241m	45.678	ug/L	
3) Chloromethane	1.520	50	161464	46.278	ug/L	100
5) Vinyl chloride	1.604	62	162228	46.140	ug/L	89
6) Bromomethane	1.842	94	60105	37.196	ug/L	98
8) Chloroethane	1.909	64	56821m	28.581	ug/L	
9) Trichlorofluoromethane	2.086	101	133487m	29.133	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	137276	45.172	ug/L	99
12) 1,1-Dichloroethene	2.552	96	120437	45.402	ug/L	98
13) Acetone	2.649	43	169905	83.646	ug/L	98
14) Carbon disulfide	2.765	76	272906	42.212	ug/L	99
15) Methyl Acetate	2.954	43	202505	50.222	ug/L	99
16) Methylene chloride	3.035	84	163867	47.915	ug/L	99
17) trans-1,2-Dichloroethene	3.337	96	132821	48.198	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	491060	54.008	ug/L	100
19) 1,1-Dichloroethane	3.861	63	265599	46.090	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	165633	49.863	ug/L	98
22) 2-Butanone	4.723	43	292276	97.306	ug/L	98
23) Bromochloromethane	4.977	128	89188	48.091	ug/L	99
25) Chloroform	5.089	83	286747	48.729	ug/L	99

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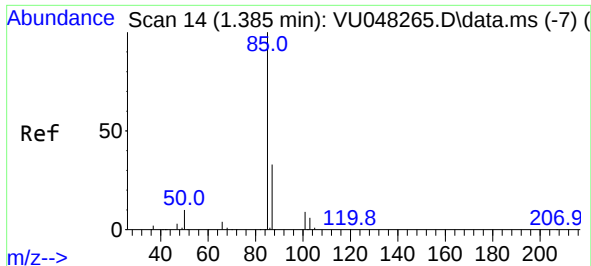
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	215362	50.175	ug/L	99
29) Cyclohexane	5.379	56	209550	51.940	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	224509	46.495	ug/L	99
31) Carbon tetrachloride	5.517	117	186846	45.400	ug/L	99
33) Benzene	5.768	78	658735	52.105	ug/L	100
34) Trichloroethene	6.539	95	150615	48.605	ug/L	99
35) Methylcyclohexane	6.758	83	224384	51.576	ug/L	99
37) 1,2-Dichloropropane	6.793	63	179575	49.924	ug/L	100
38) Bromodichloromethane	7.112	83	219411	48.302	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	262294	51.858	ug/L	98
40) 4-Methyl-2-pentanone	7.838	43	567197	104.550	ug/L	99
42) Toluene	7.970	91	678728	51.136	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	253719	51.348	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	188983	50.077	ug/L	98
46) Tetrachloroethene	8.552	164	130171	48.946	ug/L	98
48) 2-Hexanone	8.716	43	488947	107.927	ug/L	99
49) Dibromochloromethane	8.819	129	198611	47.894	ug/L	98
50) 1,2-Dibromoethane	8.928	107	200410	52.368	ug/L	98
51) Chlorobenzene	9.452	112	575744	60.178	ug/L	100
52) Ethylbenzene	9.575	91	726054	52.819	ug/L	100
53) m,p-Xylene	9.700	106	283226	52.212	ug/L	97
54) o-Xylene	10.108	106	289185	52.919	ug/L	98
55) Styrene	10.124	104	489558	52.587	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	352040	47.266	ug/L	99
59) Bromoform	10.308	173	163179	46.795	ug/L	100
60) 1,2,3-Trichloropropane	10.835	75	273025	48.708	ug/L	100
61) Isopropylbenzene	10.491	105	725176	53.977	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	399223	56.380	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	634955	58.324	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	384663	51.070	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	381163	49.570	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	400434	50.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	71435	47.738	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	301268	53.828	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	250844	56.731	ug/L	99
71) Naphthalene	14.089	128	778912	61.555	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	259473	57.260	ug/L	99

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



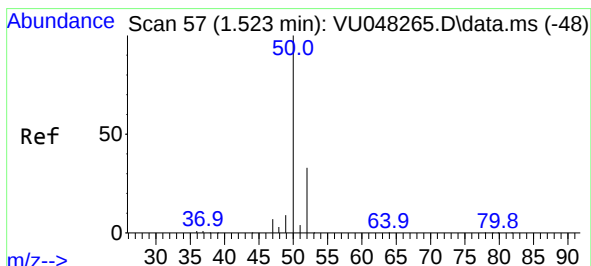
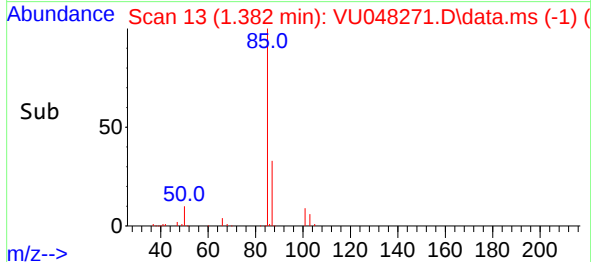
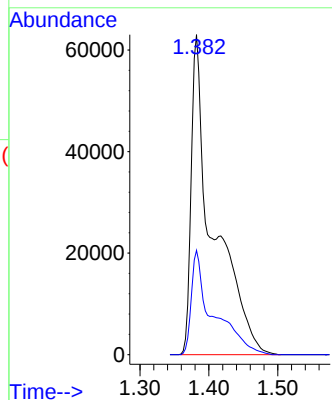
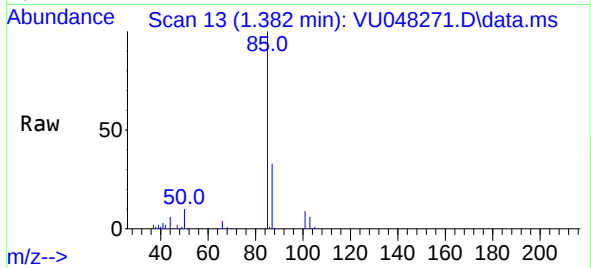
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Dichlorodifluoromethane
Concen: 45.678 ug/L m
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD

Tgt Ion: 85 Resp: 13924
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1

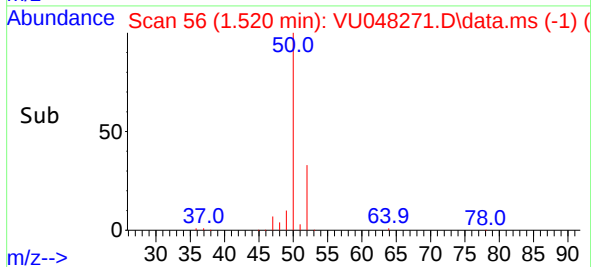
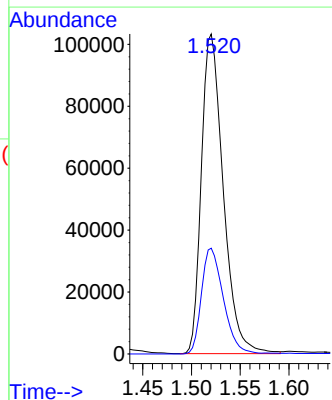
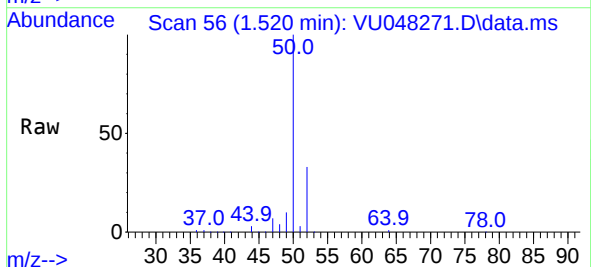
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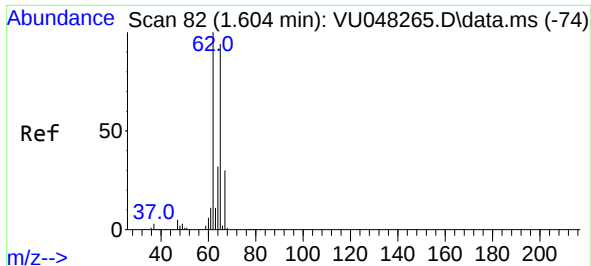
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#3
Chloromethane
Concen: 46.278 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

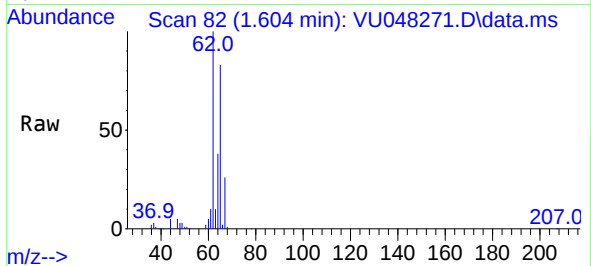
Tgt Ion: 50 Resp: 161464
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2





#5
 Vinyl chloride
 Concen: 46.140 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048271.D
 Acq: 25 Apr 2022 16:28

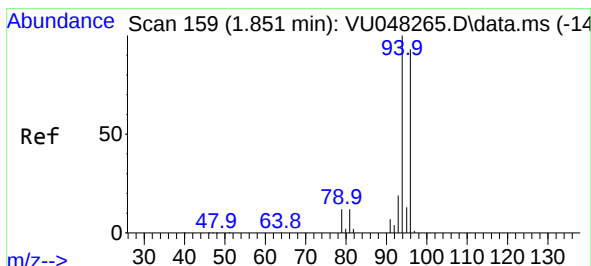
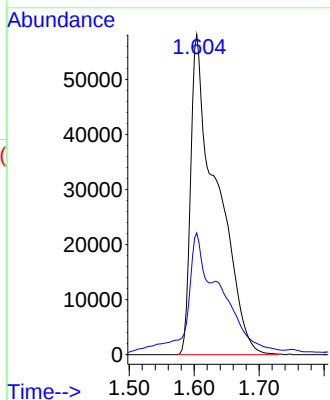
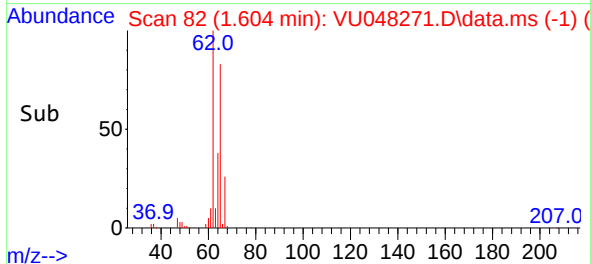
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS0MEMSD



Tgt Ion: 62 Resp: 162228
 Ion Ratio Lower Upper
 62 100
 64 38.1 22.5 41.7

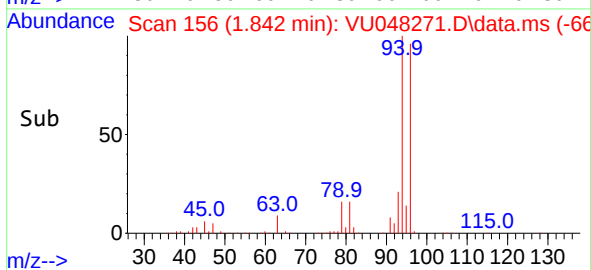
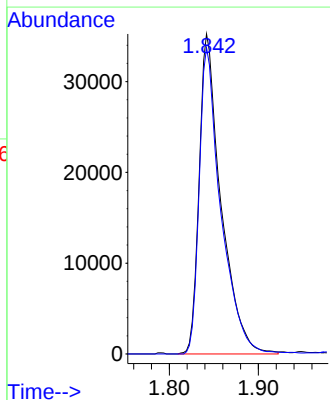
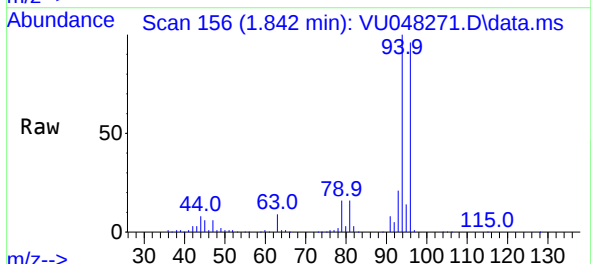
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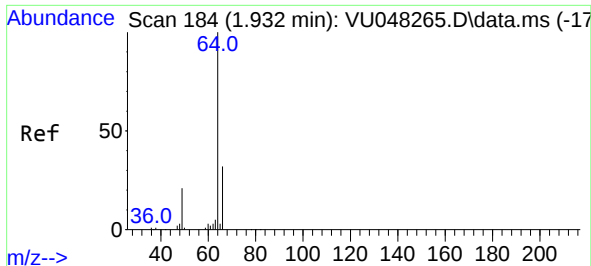
Reviewed By :Semsettin Yesilyurt 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022



#6
 Bromomethane
 Concen: 37.196 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.010 min
 Lab File: VU048271.D
 Acq: 25 Apr 2022 16:28

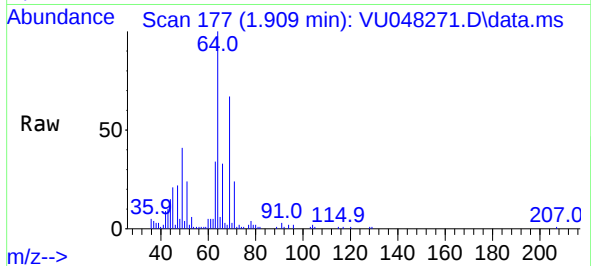
Tgt Ion: 94 Resp: 60105
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.8 122.2





#8
Chloroethane
Concen: 28.581 ug/L m
RT: 1.909 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

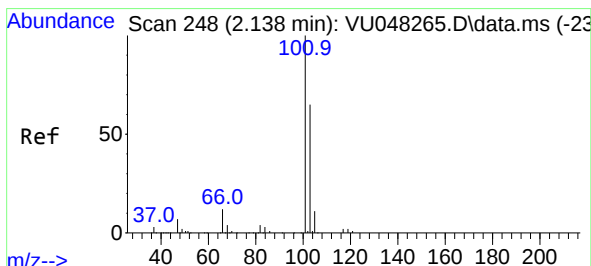
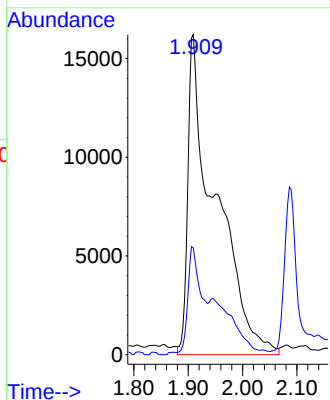
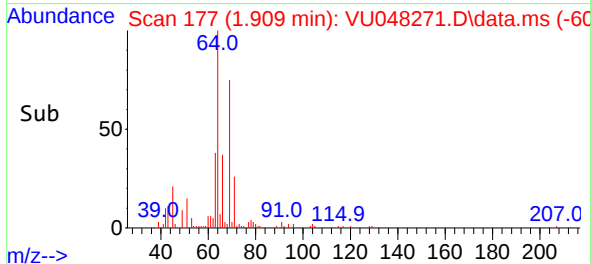
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



Tgt Ion: 64 Resp: 5682
Ion Ratio Lower Upper
64 100
66 33.4 21.9 40.7

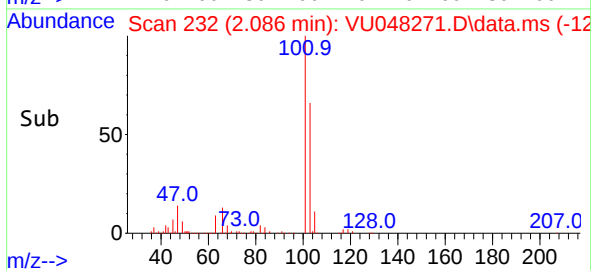
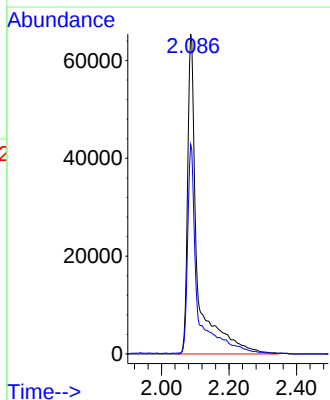
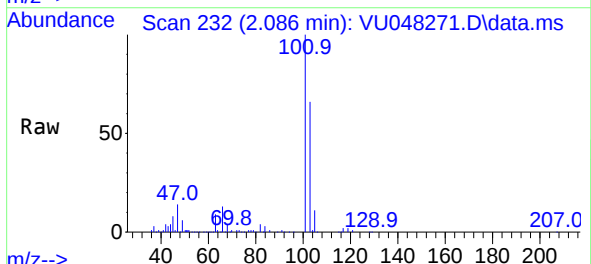
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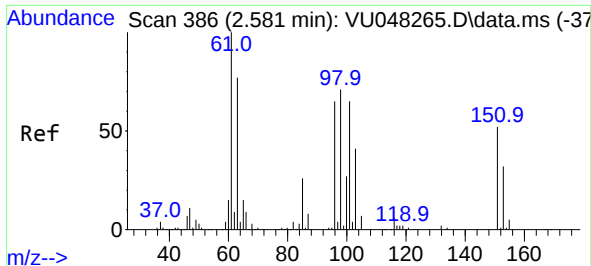
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#9
Trichlorofluoromethane
Concen: 29.133 ug/L m
RT: 2.086 min Scan# 232
Delta R.T. -0.051 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion:101 Resp: 133487
Ion Ratio Lower Upper
101 100
103 46.0 51.9 77.9#





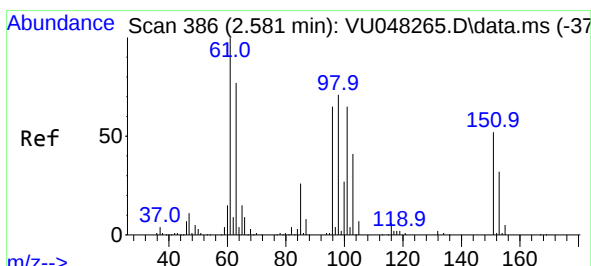
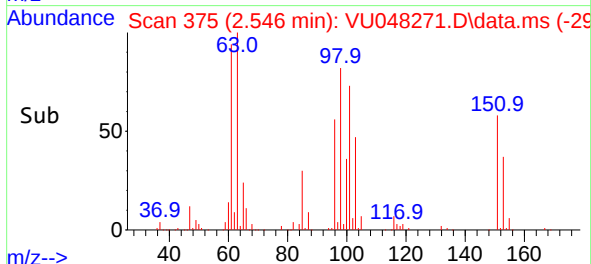
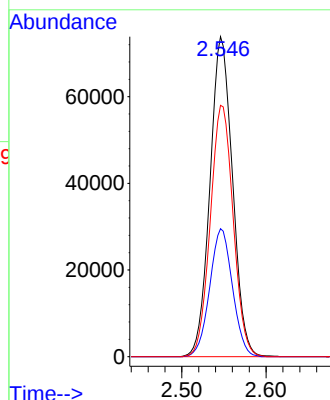
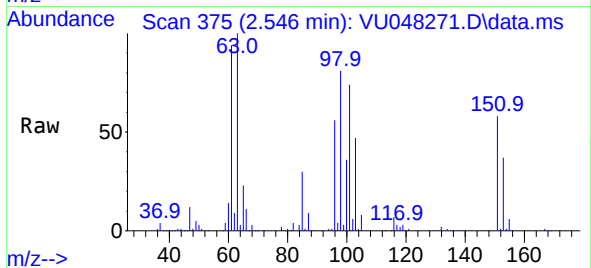
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.172 ug/L
RT: 2.546 min Scan# 31
Delta R.T. -0.035 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
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ClientSampleId :
ETNS0MEMSD

Tgt Ion:101 Resp: 137270
Ion Ratio Lower Upper
101 100
85 40.3 32.6 48.8
151 79.6 64.1 96.1

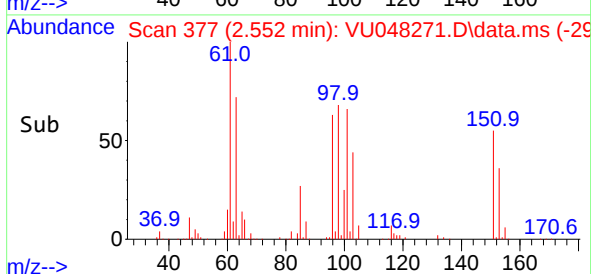
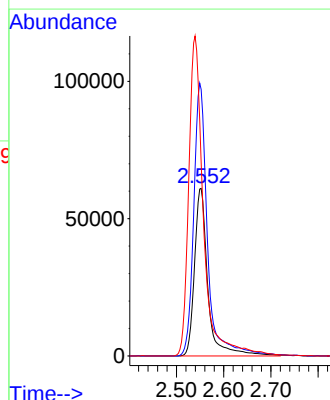
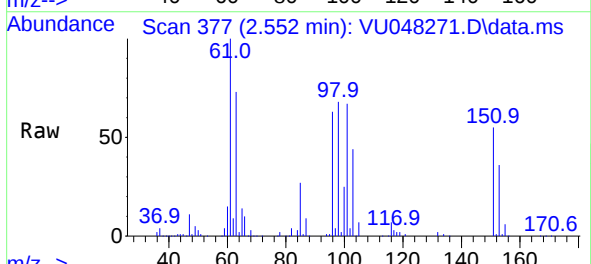
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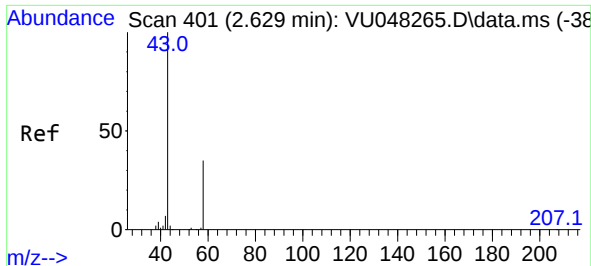
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#12
1,1-Dichloroethene
Concen: 45.402 ug/L
RT: 2.552 min Scan# 377
Delta R.T. -0.029 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion: 96 Resp: 120437
Ion Ratio Lower Upper
96 100
61 159.1 107.9 200.3
63 115.4 80.3 149.1





#13

Acetone

Concen: 83.646 ug/L

RT: 2.649 min Scan# 401

Delta R.T. 0.019 min

Lab File: VU048271.D

Acq: 25 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMSD

Tgt Ion: 43 Resp: 16990

Ion Ratio Lower Upper

43 100

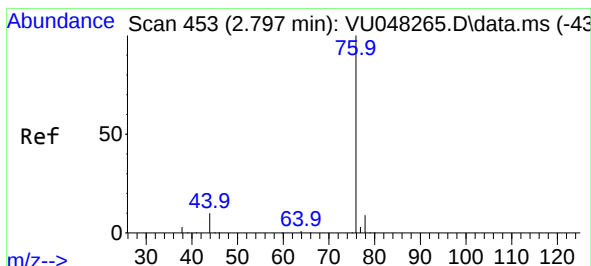
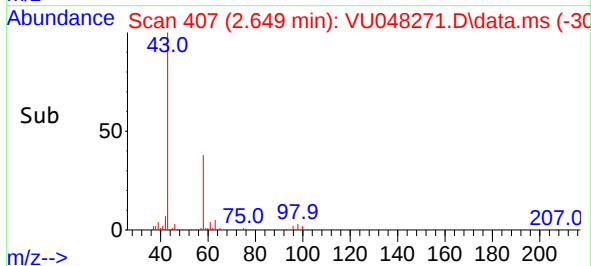
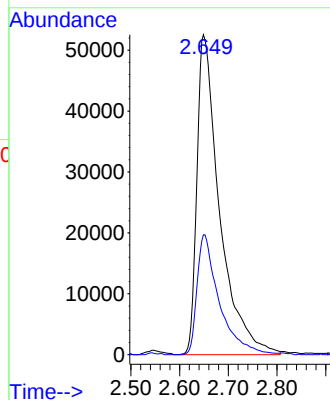
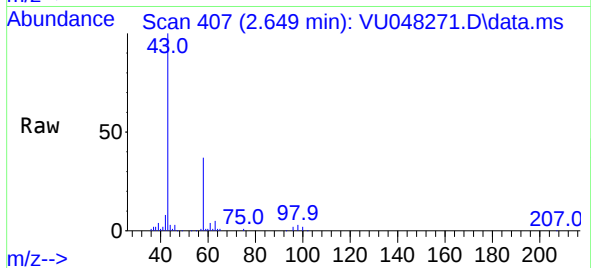
58 36.7 0.0 71.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#14

Carbon disulfide

Concen: 42.212 ug/L

RT: 2.765 min Scan# 443

Delta R.T. -0.032 min

Lab File: VU048271.D

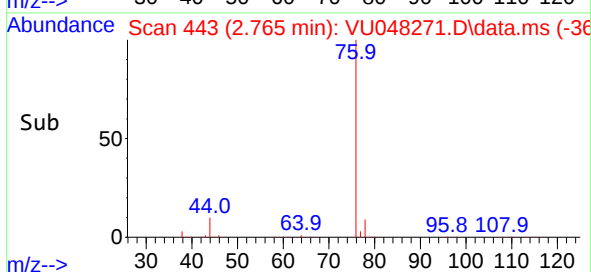
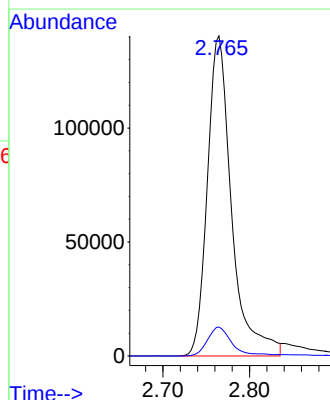
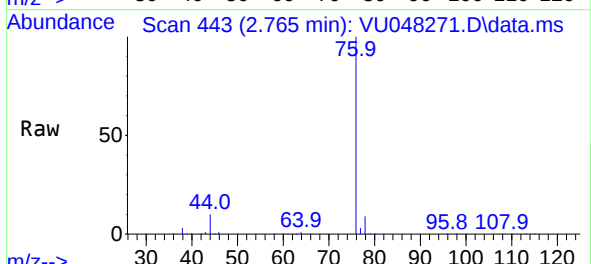
Acq: 25 Apr 2022 16:28

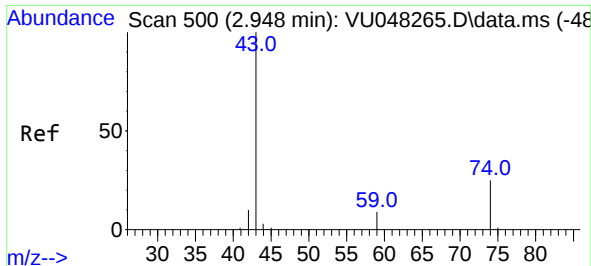
Tgt Ion: 76 Resp: 272906

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





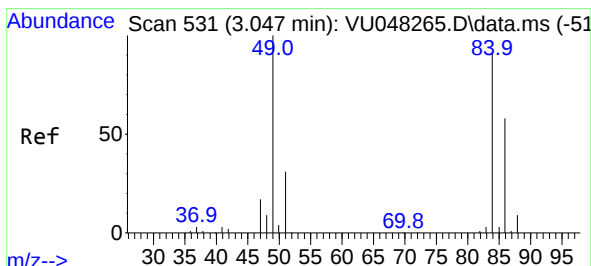
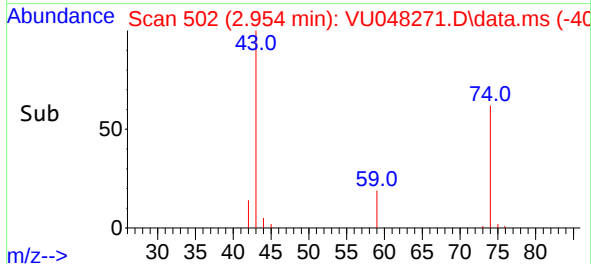
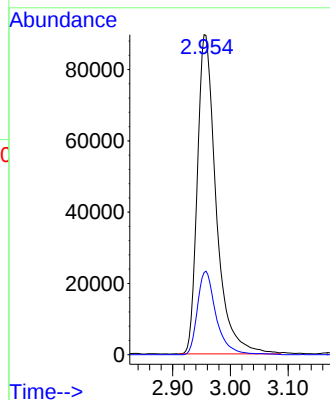
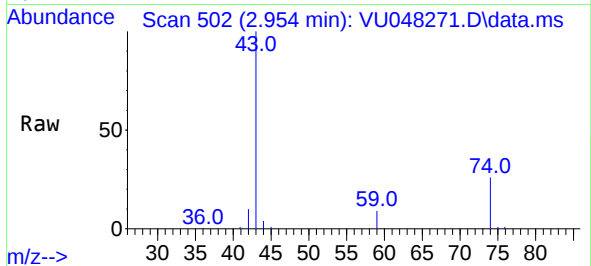
#15
Methyl Acetate
Concen: 50.222 ug/L
RT: 2.954 min Scan# 500
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD

Tgt Ion: 43 Resp: 20250
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.6

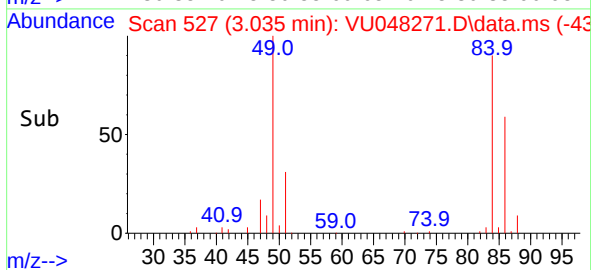
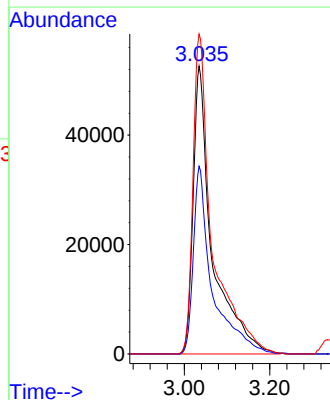
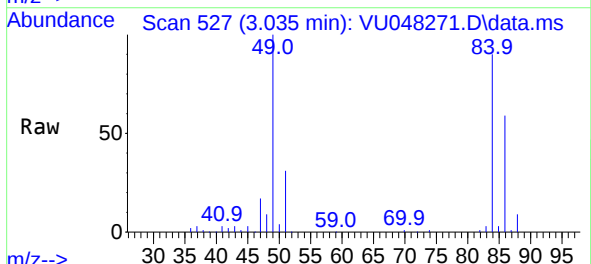
Manual Integrations
APPROVED

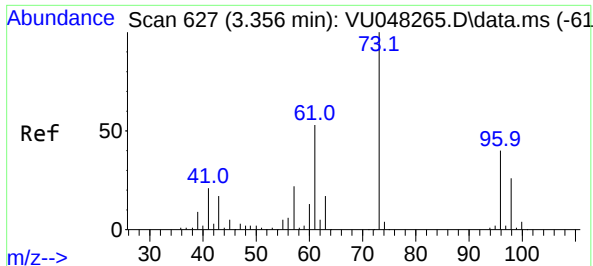
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#16
Methylene chloride
Concen: 47.915 ug/L
RT: 3.035 min Scan# 527
Delta R.T. -0.013 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion: 84 Resp: 163867
Ion Ratio Lower Upper
84 100
86 65.2 45.4 84.2
49 111.2 79.2 147.0





#17
trans-1,2-Dichloroethene
Concen: 48.198 ug/L
RT: 3.337 min Scan# 61
Delta R.T. -0.019 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

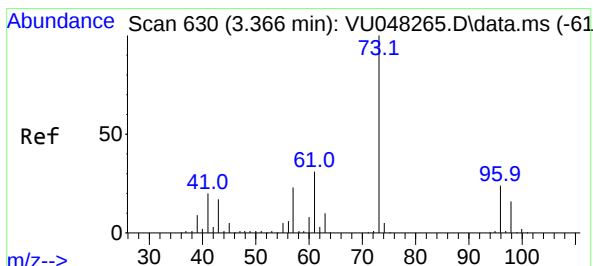
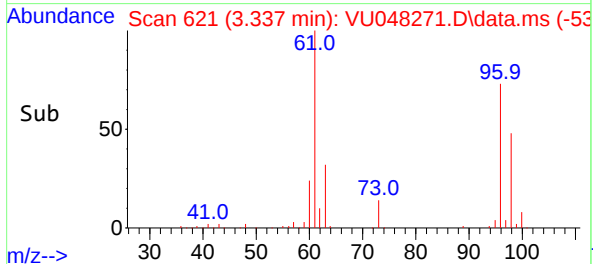
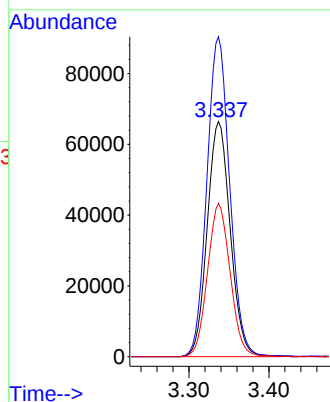
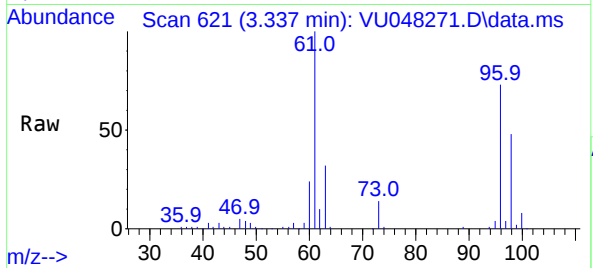
ETNS0MEMSD

Tgt Ion: 96 Resp: 13282
Ion Ratio Lower Upper
96 100
61 136.1 95.2 176.8
98 65.3 44.7 83.1

Manual Integrations

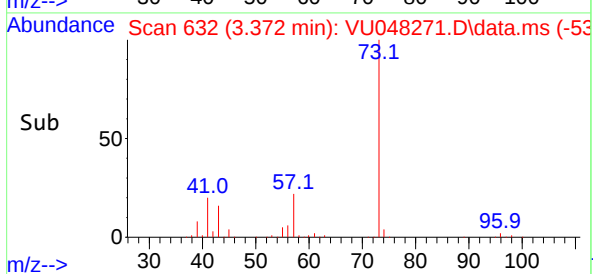
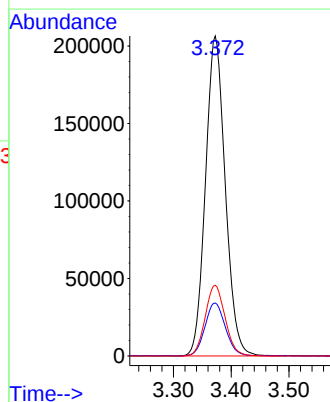
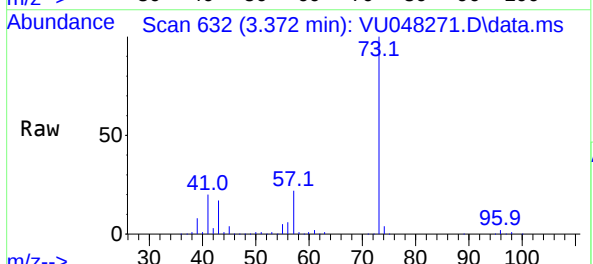
APPROVED

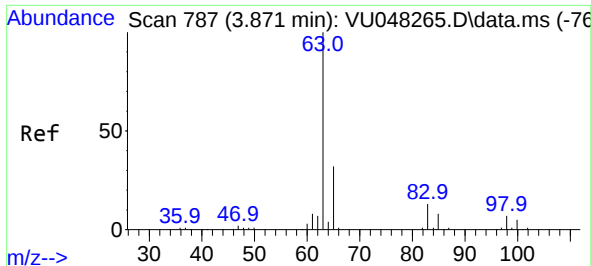
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#18
Methyl tert-butyl Ether
Concen: 54.008 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

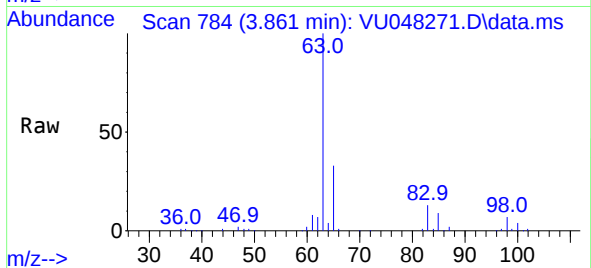
Tgt Ion: 73 Resp: 491060
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.6
57 22.3 17.9 26.9





#19
1,1-Dichloroethane
Concen: 46.090 ug/L
RT: 3.861 min Scan# 787
Delta R.T. -0.010 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

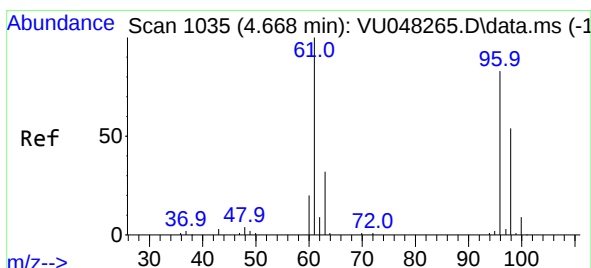
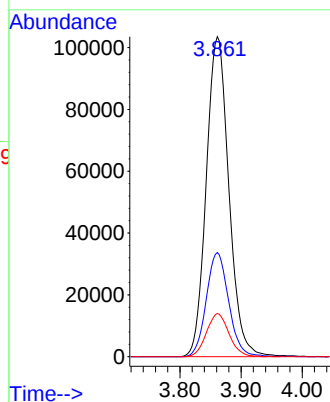
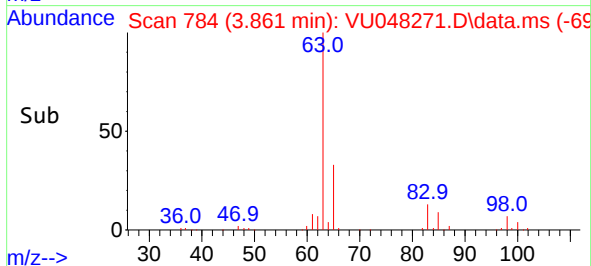
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



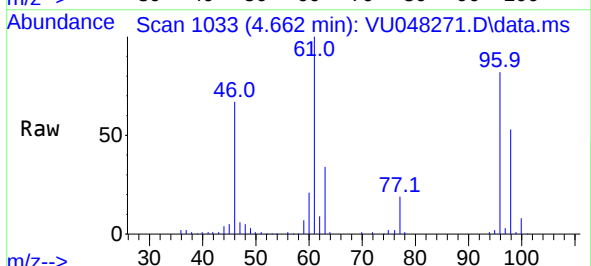
Tgt Ion: 63 Resp: 265599
Ion Ratio Lower Upper
63 100
65 32.5 22.0 40.8
83 13.5 8.8 16.4

Manual Integrations
APPROVED

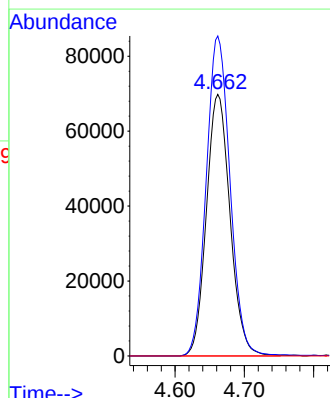
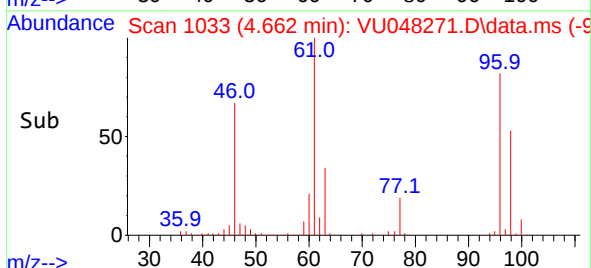
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

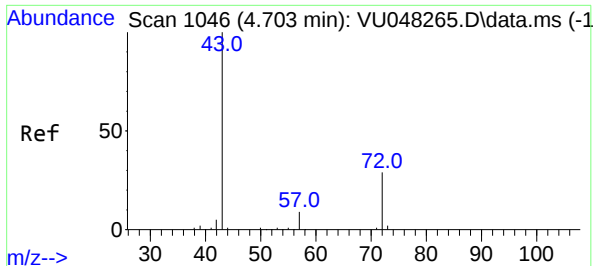


#20
cis-1,2-Dichloroethene
Concen: 49.863 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



Tgt Ion: 96 Resp: 165633
Ion Ratio Lower Upper
96 100
61 122.3 87.0 161.6
68 0.0 0.0 0.0





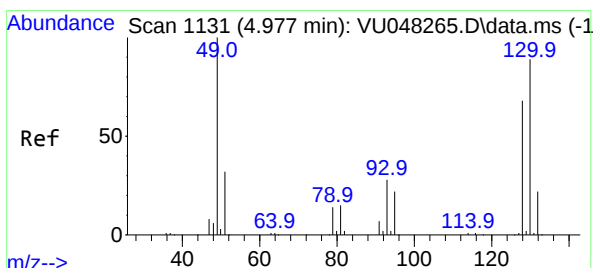
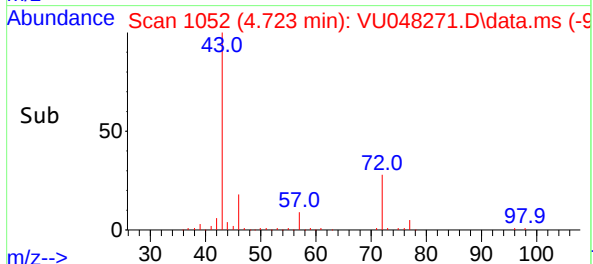
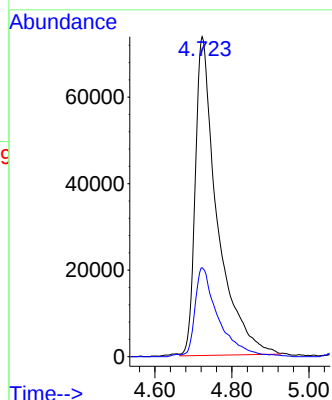
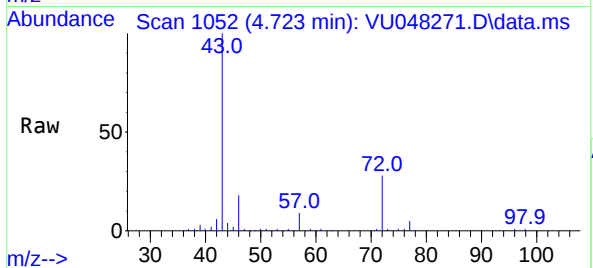
#22
2-Butanone
Concen: 97.306 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.019 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD

Tgt Ion: 43 Resp: 292270
Ion Ratio Lower Upper
43 100
72 28.1 14.6 43.8

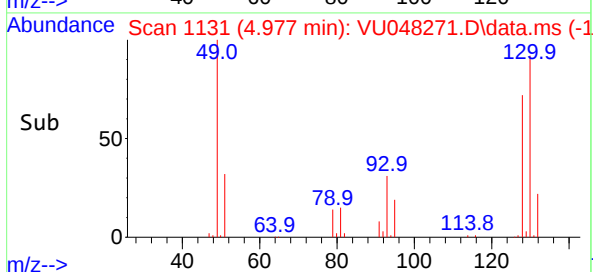
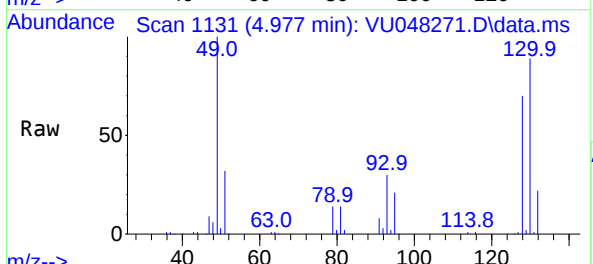
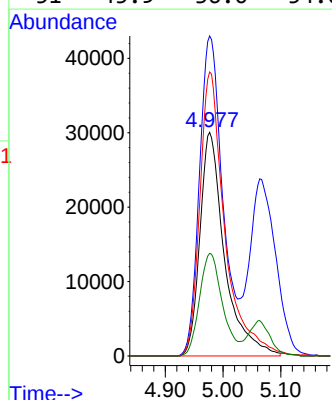
Manual Integrations
APPROVED

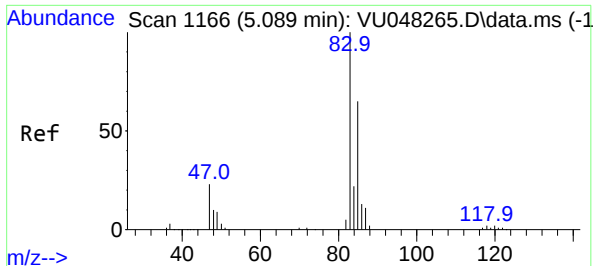
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#23
Bromochloromethane
Concen: 48.091 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion:128 Resp: 89188
Ion Ratio Lower Upper
128 100
49 143.1 101.3 188.1
130 127.0 89.0 165.2
51 45.9 36.0 54.0





#25

Chloroform

Concen: 48.729 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048271.D

Acq: 25 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMSD

Tgt Ion: 83 Resp: 28674

Ion Ratio Lower Upper

83 100

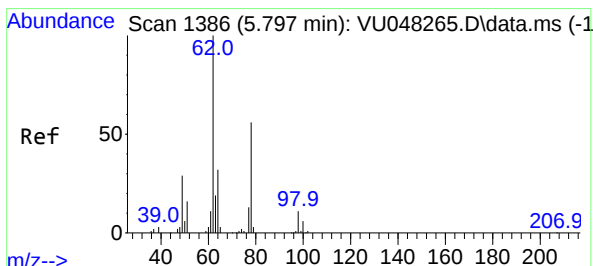
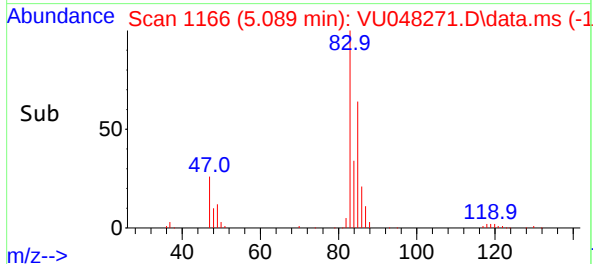
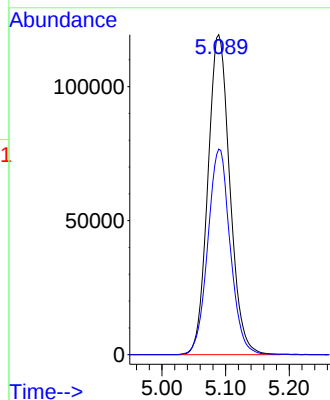
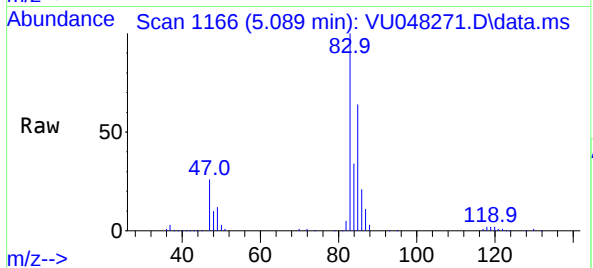
85 64.2 45.7 84.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#27

1,2-Dichloroethane

Concen: 50.175 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048271.D

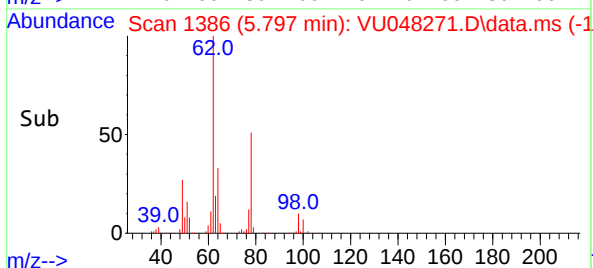
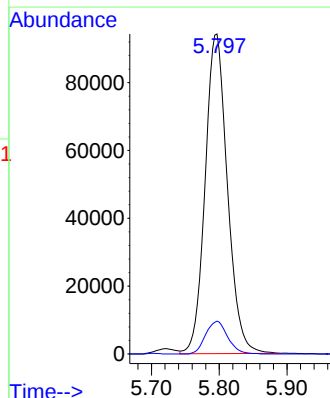
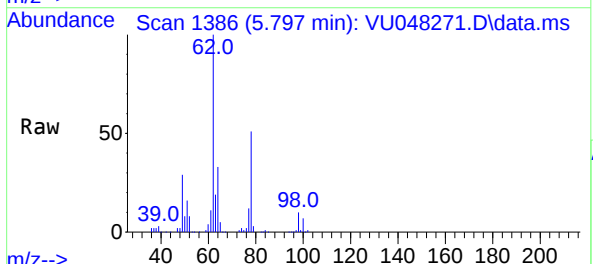
Acq: 25 Apr 2022 16:28

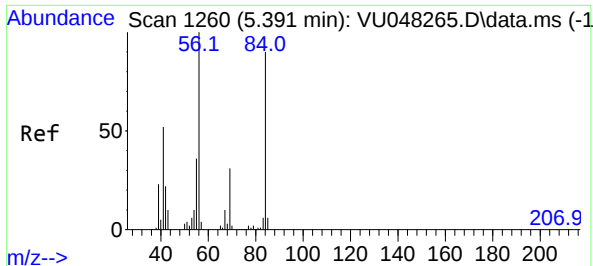
Tgt Ion: 62 Resp: 215362

Ion Ratio Lower Upper

62 100

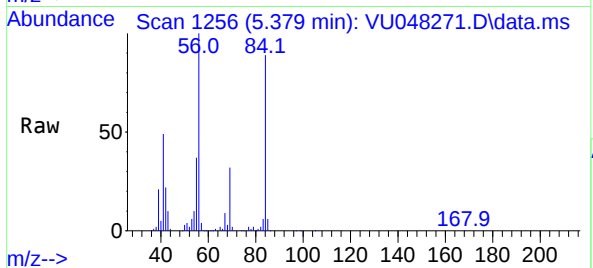
98 10.3 8.5 12.7





#29
Cyclohexane
Concen: 51.940 ug/L
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

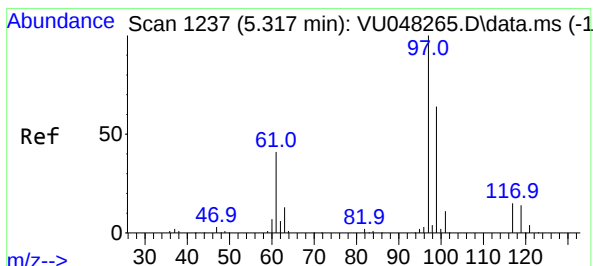
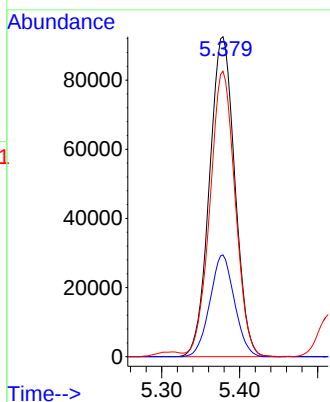
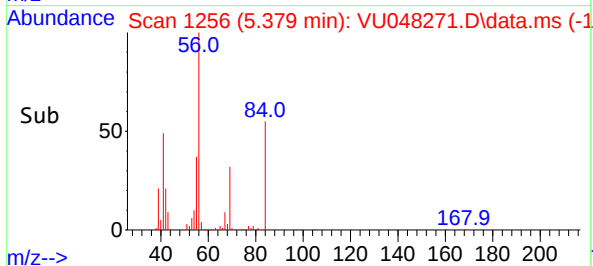
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



Tgt Ion: 56 Resp: 209550
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.4
84 88.7 72.2 108.2

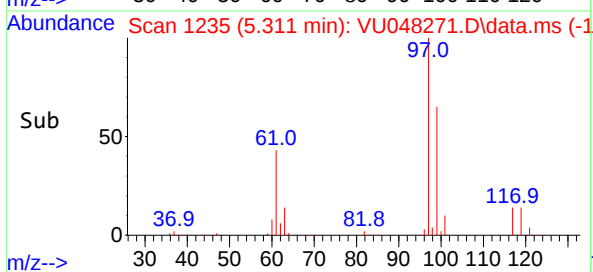
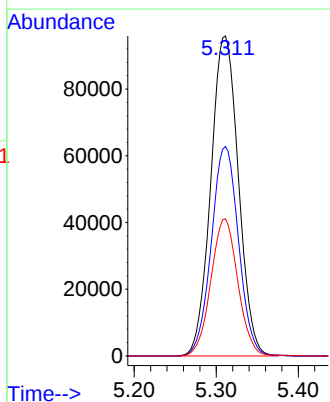
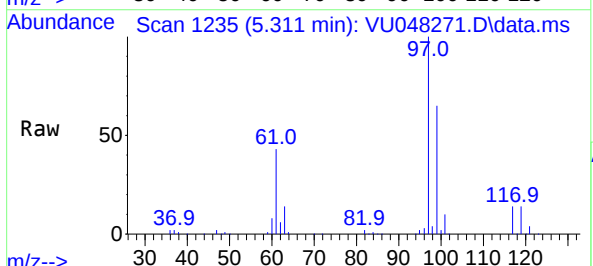
Manual Integrations
APPROVED

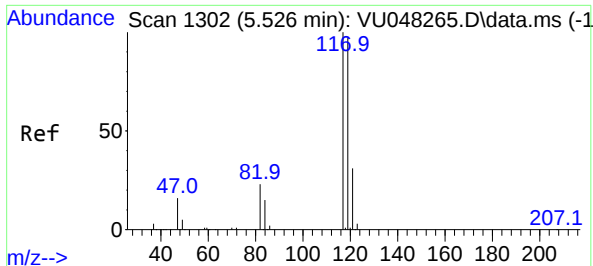
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#30
1,1,1-Trichloroethane
Concen: 46.495 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.006 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

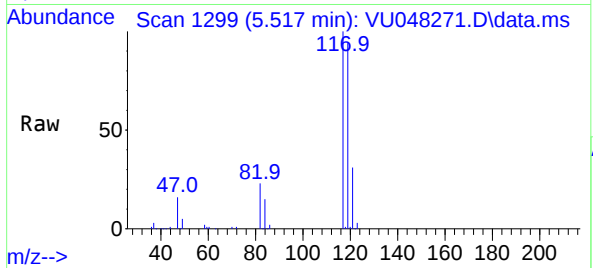
Tgt Ion: 97 Resp: 224509
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 41.9 33.9 50.9





#31
Carbon tetrachloride
Concen: 45.400 ug/L
RT: 5.517 min Scan# 117
Delta R.T. -0.010 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

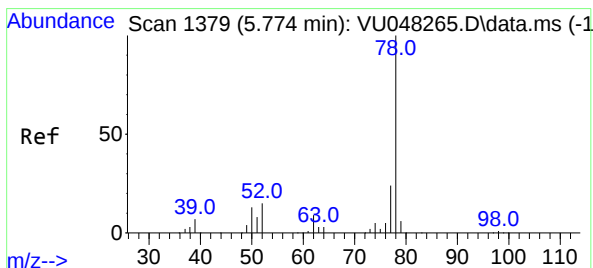
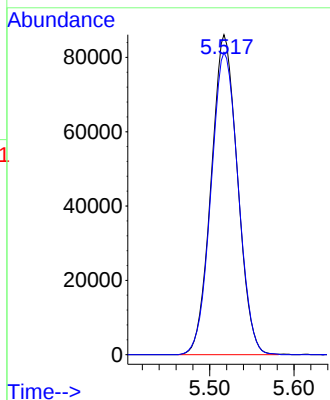
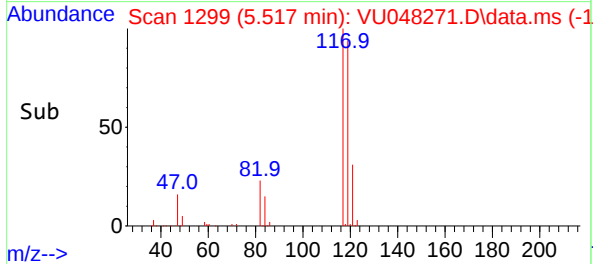
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



Tgt Ion:117 Resp: 186840
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7

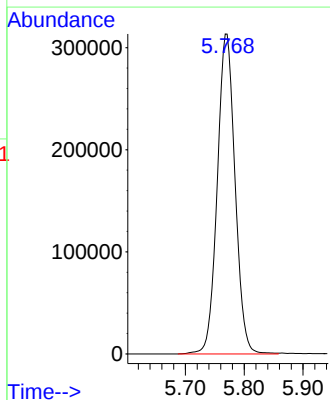
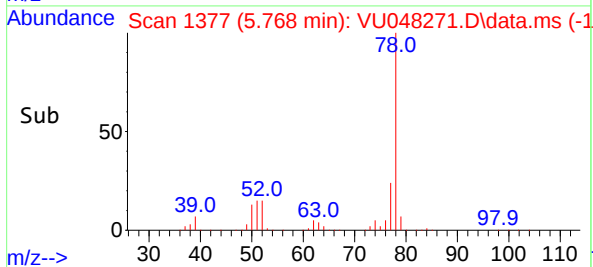
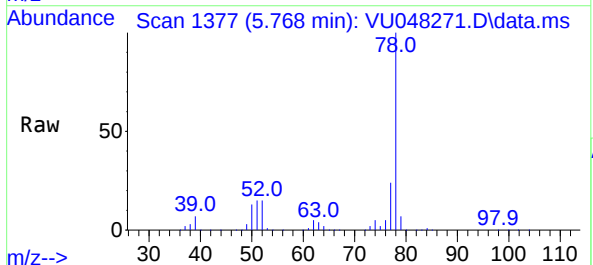
Manual Integrations
APPROVED

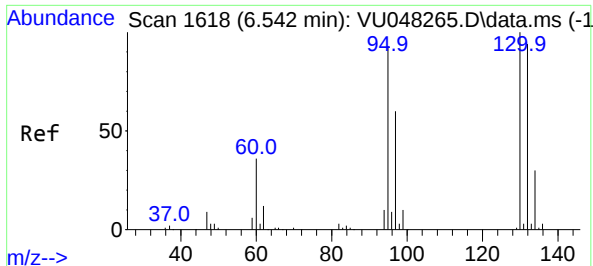
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#33
Benzene
Concen: 52.105 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

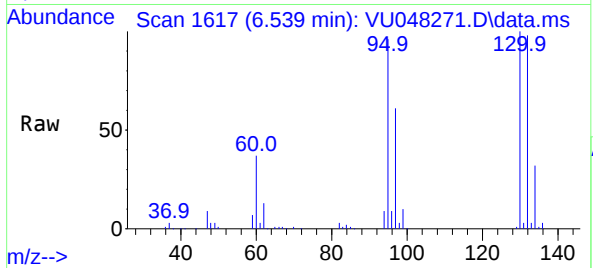
Tgt Ion: 78 Resp: 658735





#34
Trichloroethene
Concen: 48.605 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

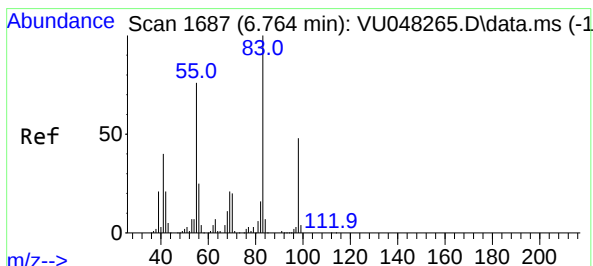
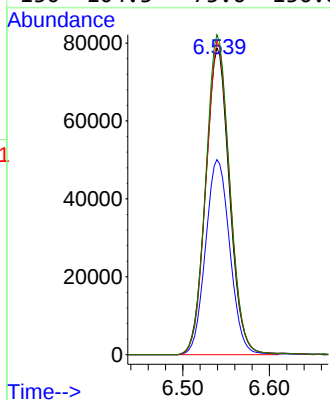
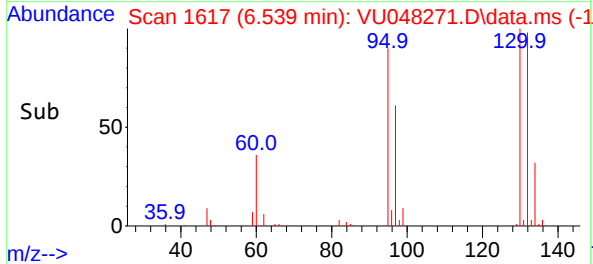
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



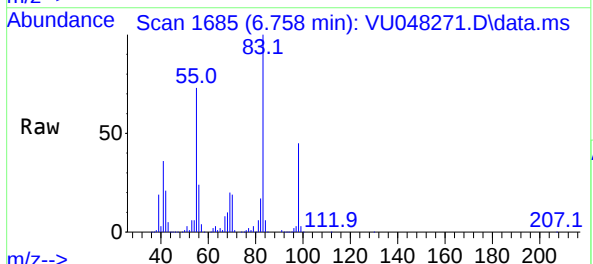
Tgt Ion: 95 Resp: 150615
Ion Ratio Lower Upper
95 100
97 63.6 45.8 85.2
132 102.2 71.6 133.0
130 104.3 73.6 136.8

Manual Integrations
APPROVED

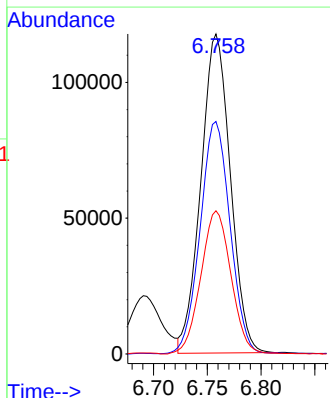
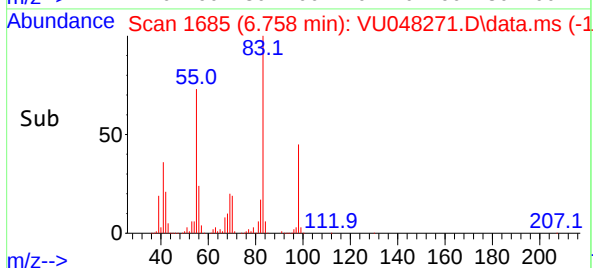
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

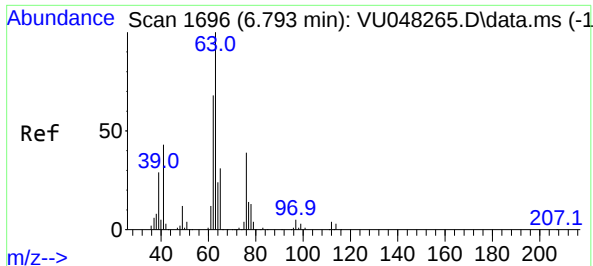


#35
Methylcyclohexane
Concen: 51.576 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



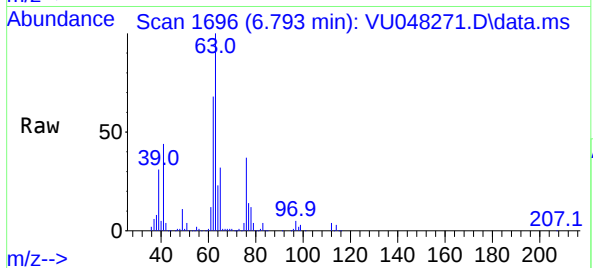
Tgt Ion: 83 Resp: 224384
Ion Ratio Lower Upper
83 100
55 73.8 59.4 89.2
98 46.0 37.3 55.9





#37
1,2-Dichloropropane
Concen: 49.924 ug/L
RT: 6.793 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

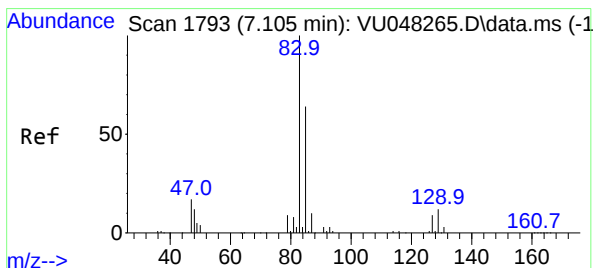
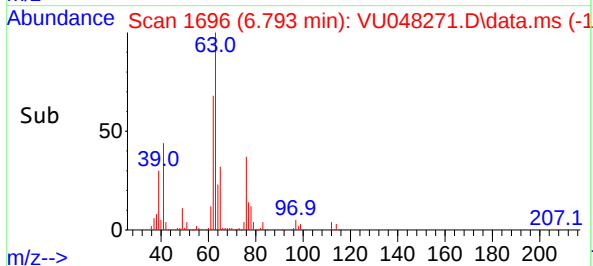
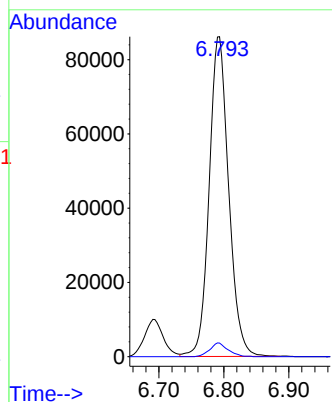
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



Tgt Ion: 63 Resp: 17957
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7

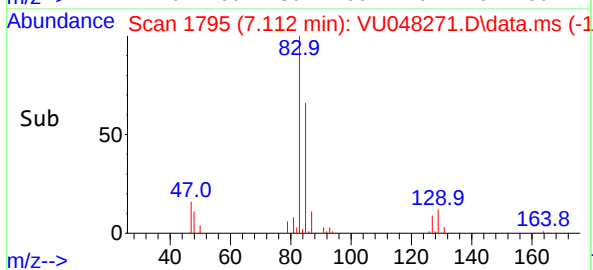
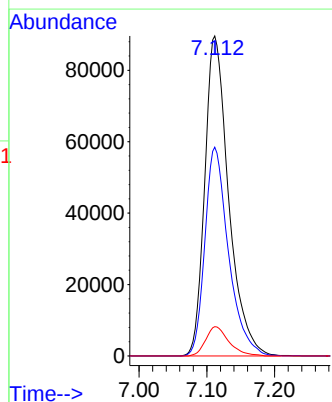
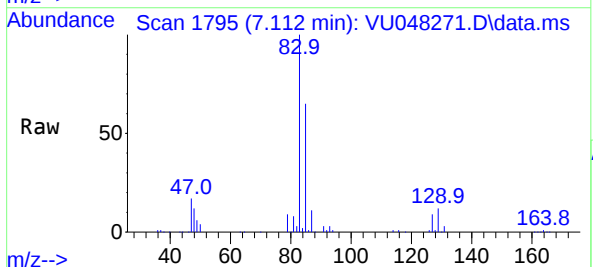
Manual Integrations
APPROVED

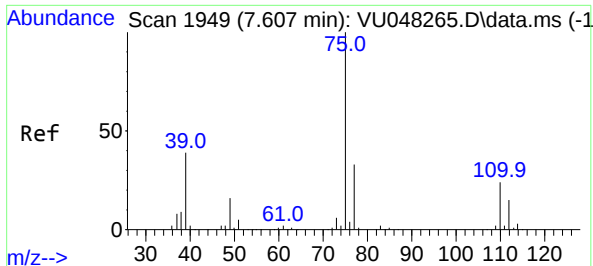
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#38
Bromodichloromethane
Concen: 48.302 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion: 83 Resp: 219411
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1
127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.858 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU048271.D

Acq: 25 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMSD

Tgt Ion: 75 Resp: 262294

Ion Ratio Lower Upper

75 100

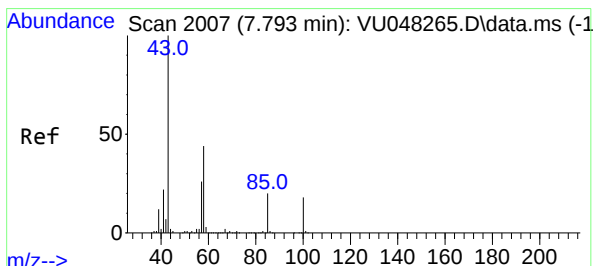
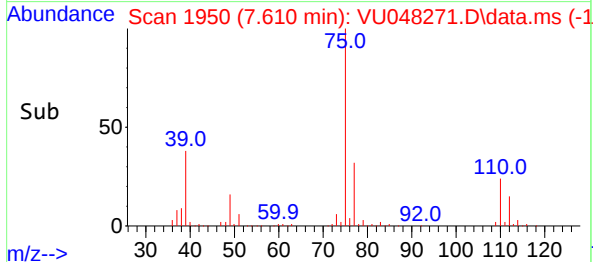
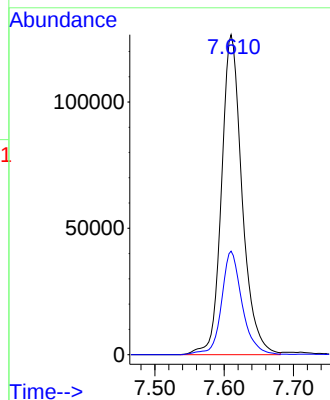
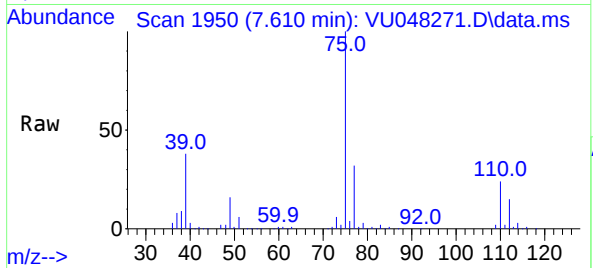
77 32.3 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#40

4-Methyl-2-pentanone

Concen: 104.550 ug/L

RT: 7.838 min Scan# 2021

Delta R.T. 0.045 min

Lab File: VU048271.D

Acq: 25 Apr 2022 16:28

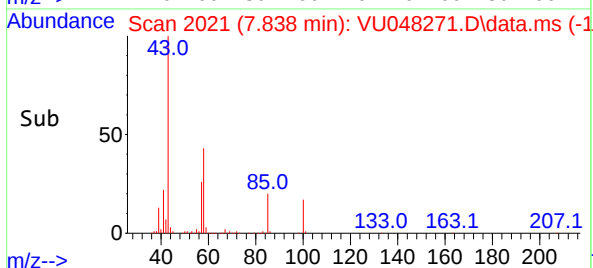
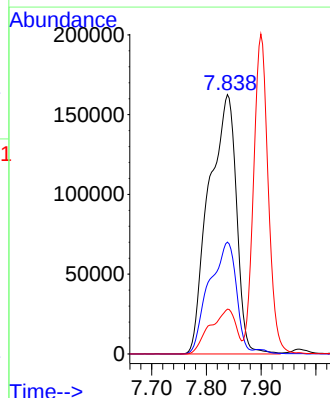
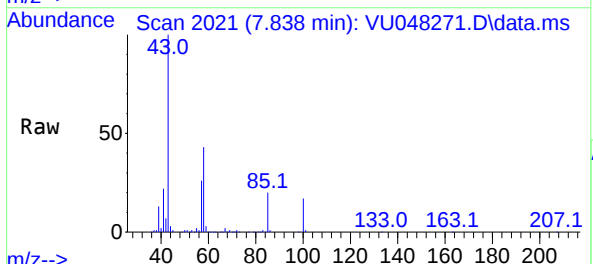
Tgt Ion: 43 Resp: 567197

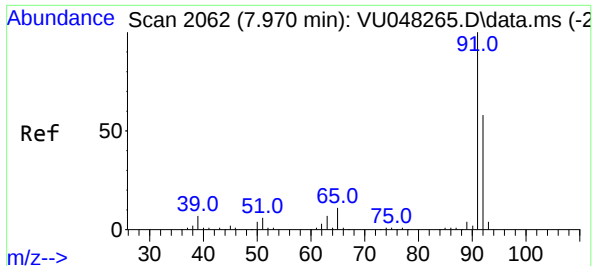
Ion Ratio Lower Upper

43 100

58 42.5 34.4 51.6

100 16.3 13.6 20.4





#42

Toluene

Concen: 51.136 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048271.D

Acq: 25 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMSD

Tgt Ion: 91 Resp: 678728

Ion Ratio Lower Upper

91 100

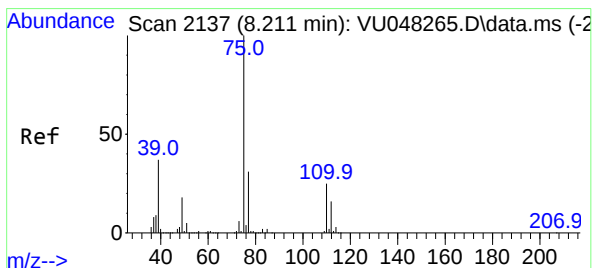
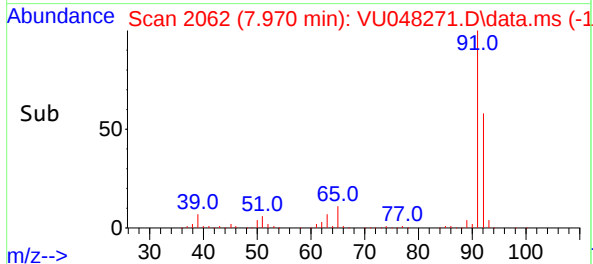
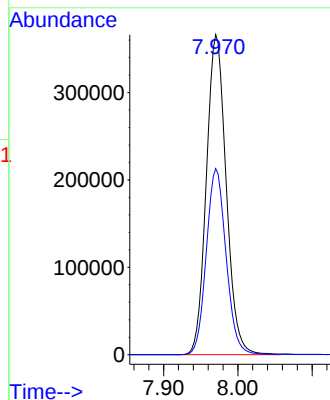
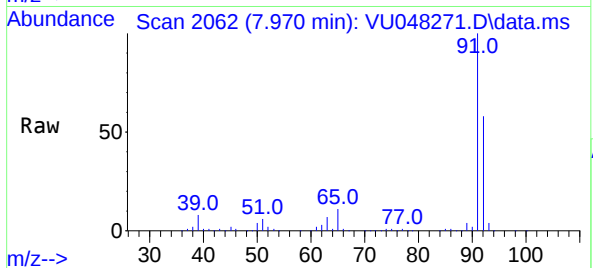
92 58.2 40.9 76.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#44

trans-1,3-Dichloropropene

Concen: 51.348 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU048271.D

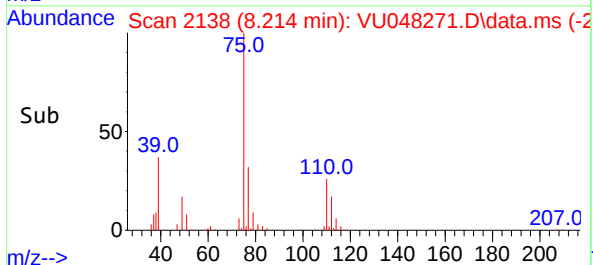
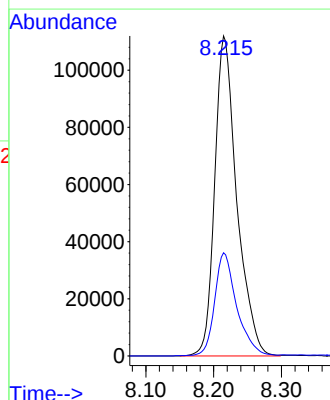
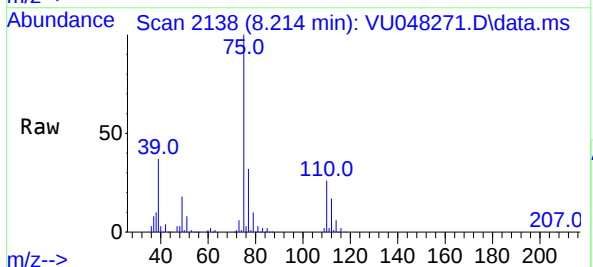
Acq: 25 Apr 2022 16:28

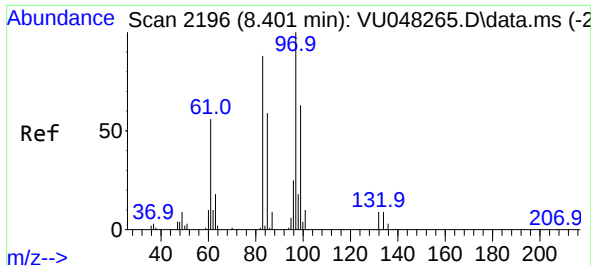
Tgt Ion: 75 Resp: 253719

Ion Ratio Lower Upper

75 100

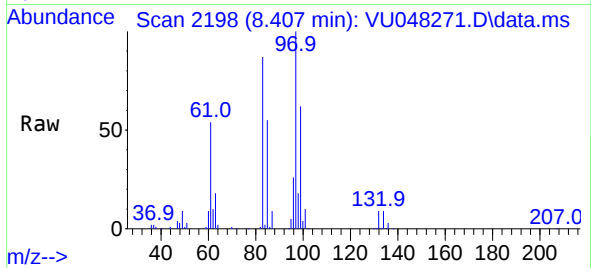
77 32.3 22.1 41.1





#45
1,1,2-Trichloroethane
Concen: 50.077 ug/L
RT: 8.407 min Scan# 2196
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

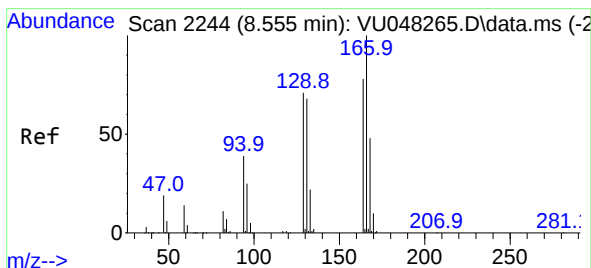
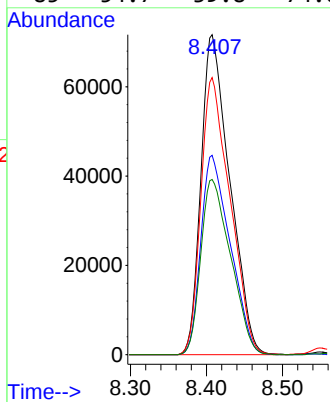
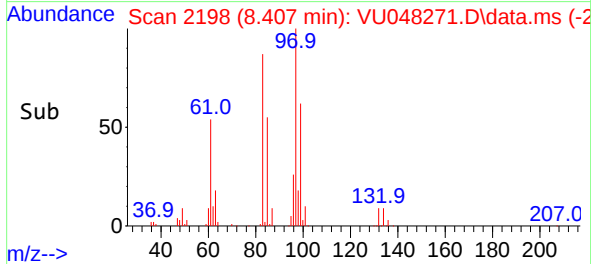
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



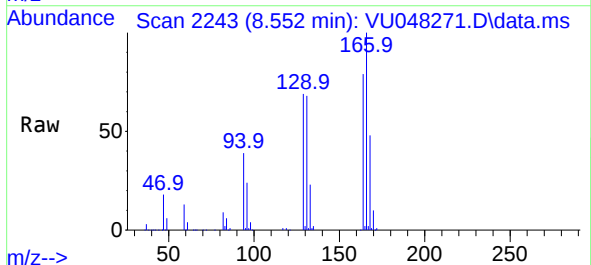
Tgt Ion: 97 Resp: 18898
Ion Ratio Lower Upper
97 100
99 62.3 43.7 81.1
83 86.6 62.6 116.2
85 54.7 39.8 74.0

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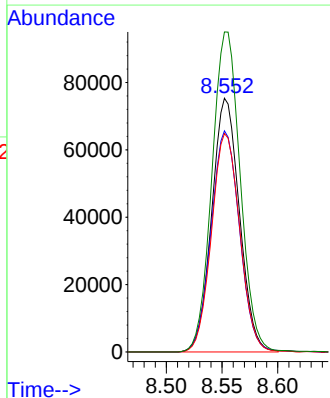
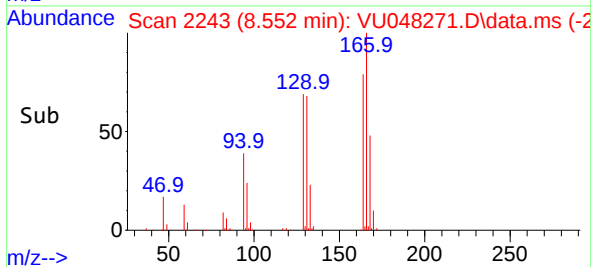
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

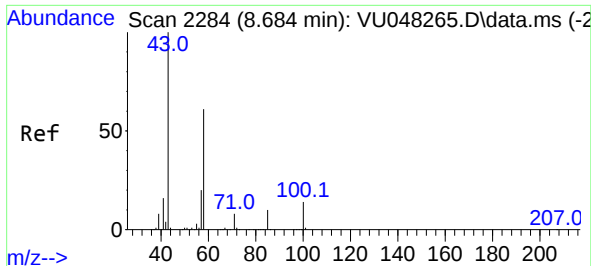


#46
Tetrachloroethene
Concen: 48.946 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



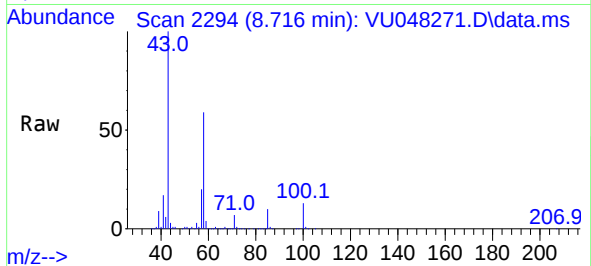
Tgt Ion:164 Resp: 130171
Ion Ratio Lower Upper
164 100
129 87.1 63.3 117.7
131 86.1 61.2 113.6
166 126.1 88.9 165.1





#48
2-Hexanone
Concen: 107.927 ug/L
RT: 8.716 min Scan# 21
Delta R.T. 0.032 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

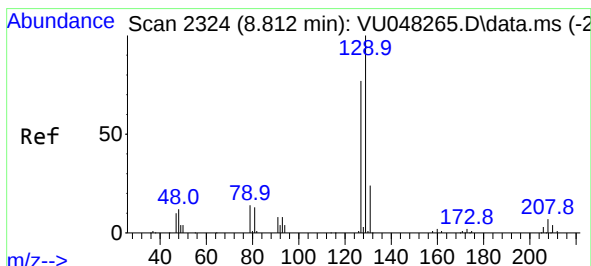
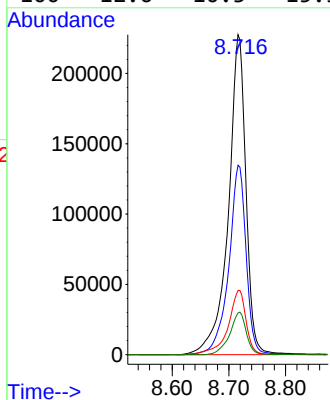
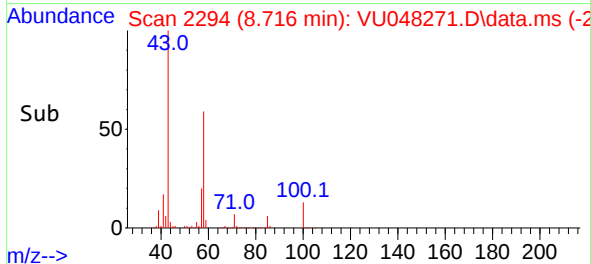
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



Tgt Ion: 43 Resp: 48894
Ion Ratio Lower Upper
43 100
58 58.8 48.1 72.1
57 20.8 16.2 24.4
100 12.6 10.3 15.5

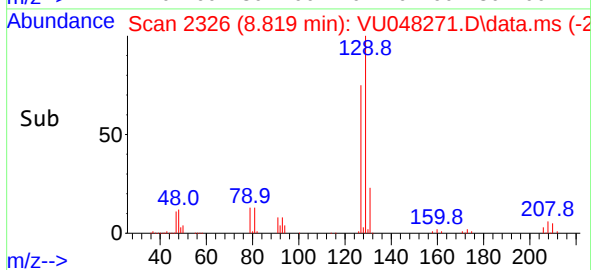
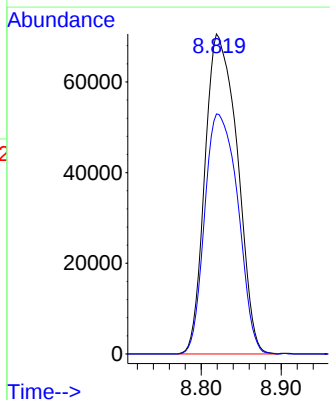
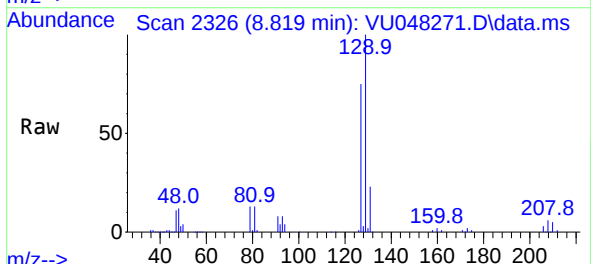
Manual Integrations
APPROVED

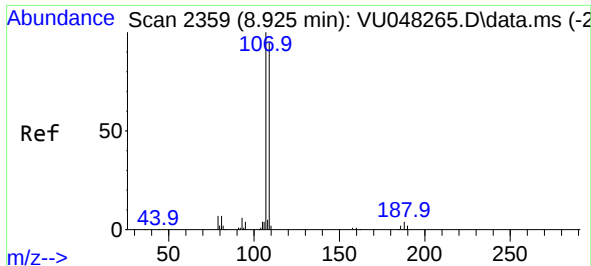
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#49
Dibromochloromethane
Concen: 47.894 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion:129 Resp: 198611
Ion Ratio Lower Upper
129 100
127 75.0 53.8 99.8





#50

1,2-Dibromoethane

Concen: 52.368 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048271.D

Acq: 25 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMSD

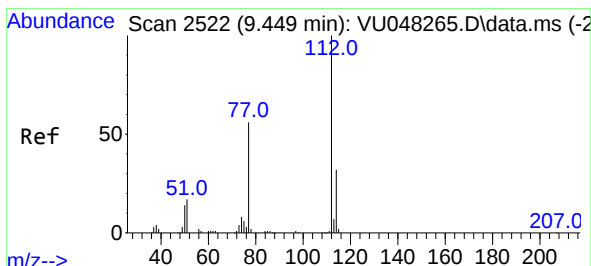
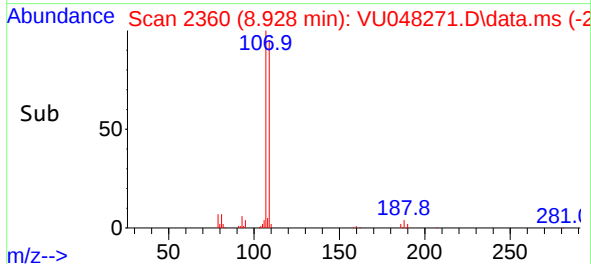
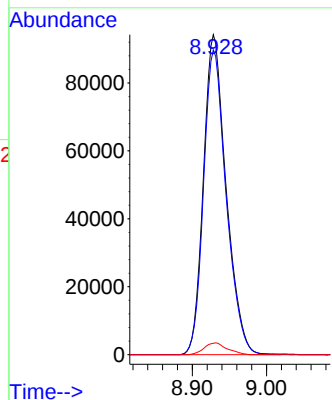
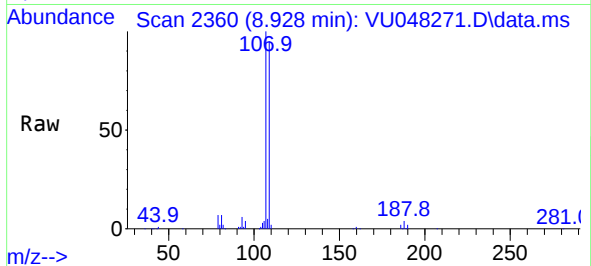
Tgt Ion:107 Resp: 200410

Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.0	120.8
188	3.6	3.1	4.7

Manual Integrations

APPROVED

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



#51

Chlorobenzene

Concen: 60.178 ug/L

RT: 9.452 min Scan# 2523

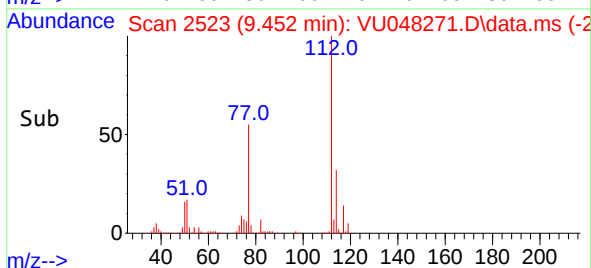
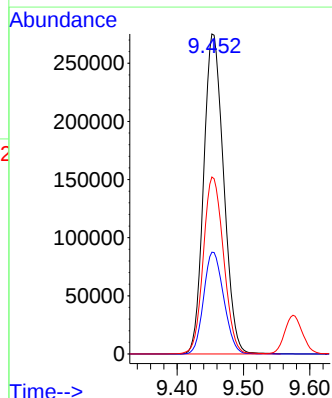
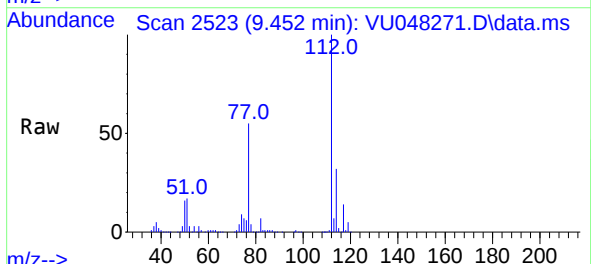
Delta R.T. 0.003 min

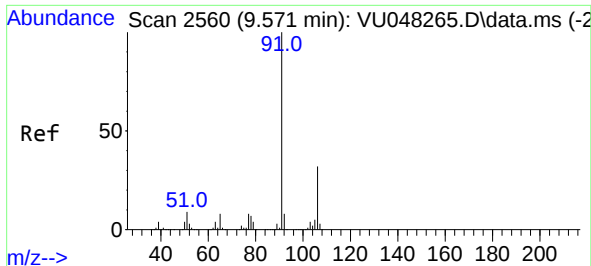
Lab File: VU048271.D

Acq: 25 Apr 2022 16:28

Tgt Ion:112 Resp: 575744

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	55.3	44.3	66.5





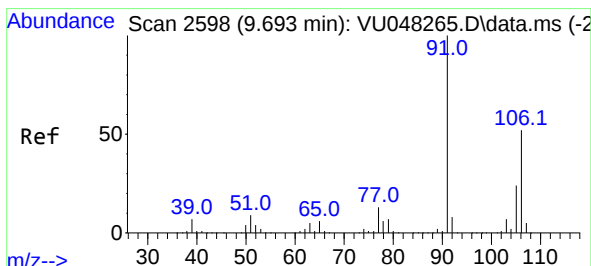
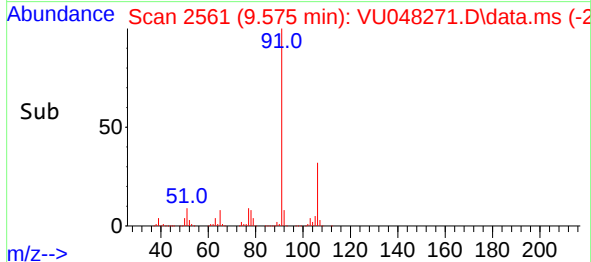
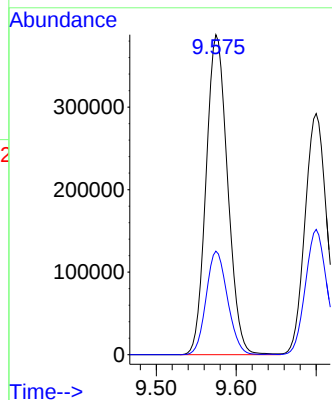
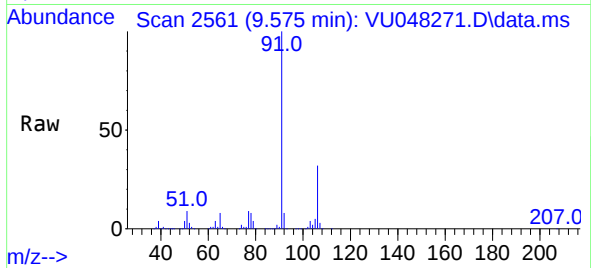
#52
Ethylbenzene
Concen: 52.819 ug/L
RT: 9.575 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD

Tgt Ion: 91 Resp: 726054
Ion Ratio Lower Upper
91 100
106 32.3 22.5 41.9

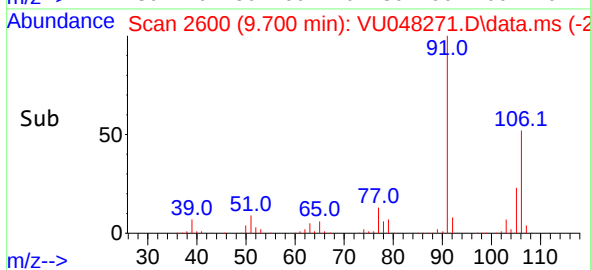
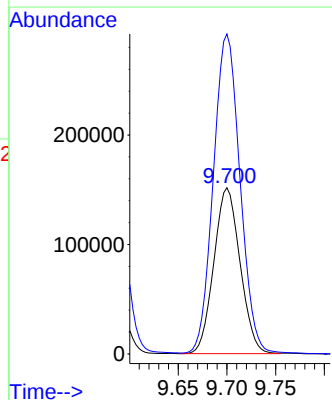
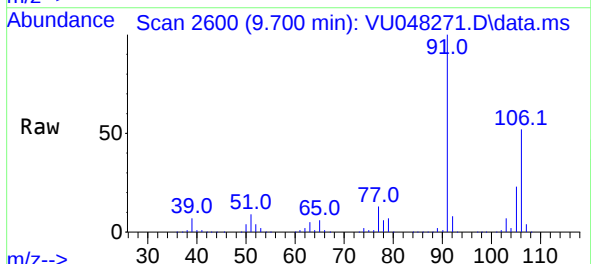
Manual Integrations
APPROVED

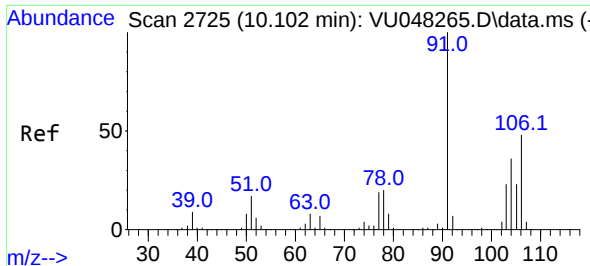
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#53
m,p-Xylene
Concen: 52.212 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion:106 Resp: 283226
Ion Ratio Lower Upper
106 100
91 192.5 137.4 255.2





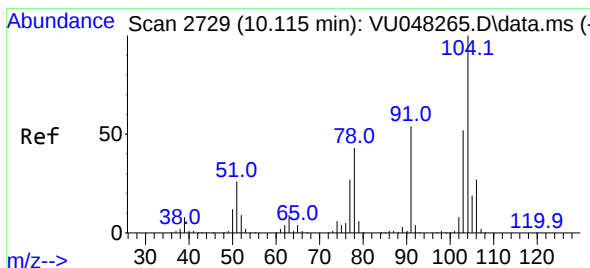
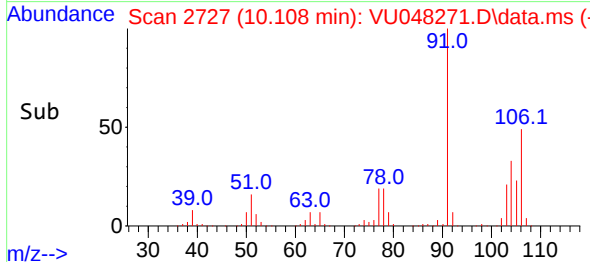
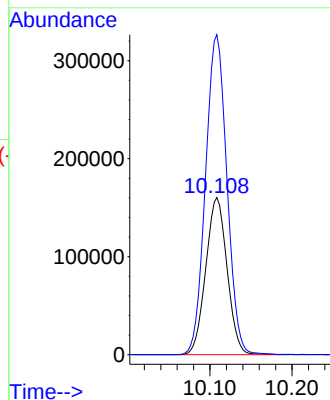
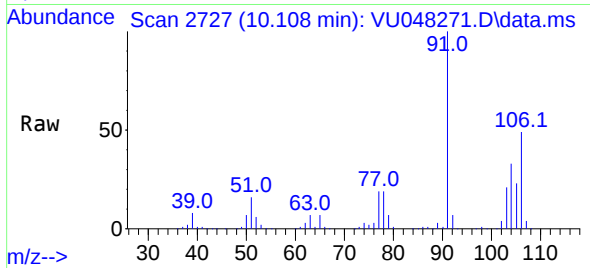
#54
o-Xylene
Concen: 52.919 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD

Tgt Ion:106 Resp: 28918
Ion Ratio Lower Upper
106 100
91 203.8 145.3 269.8

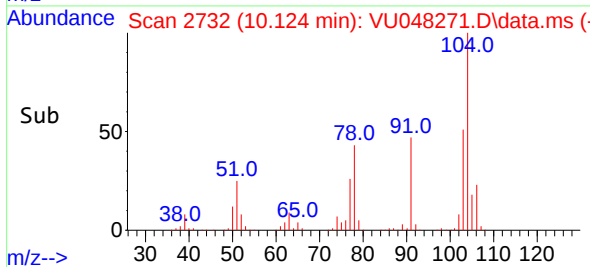
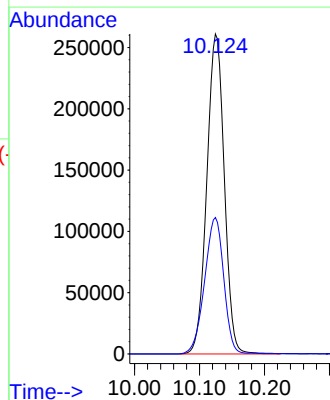
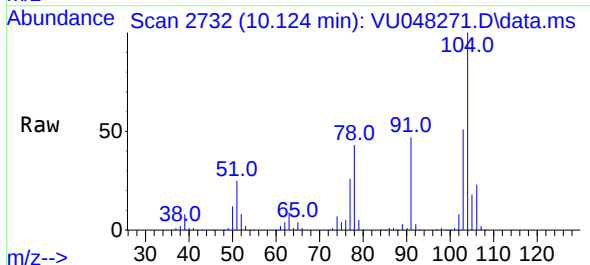
Manual Integrations
APPROVED

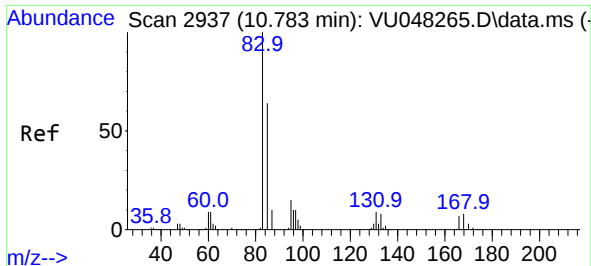
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#55
Styrene
Concen: 52.587 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.010 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

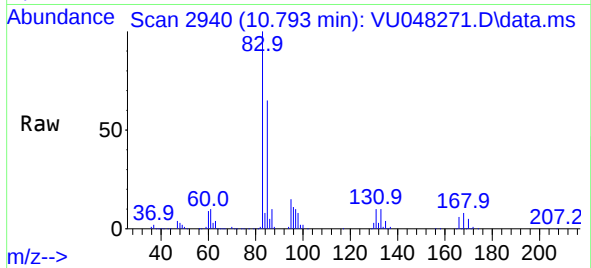
Tgt Ion:104 Resp: 489558
Ion Ratio Lower Upper
104 100
78 42.7 30.3 56.3





#57
1,1,2,2-Tetrachloroethane
Concen: 47.266 ug/L
RT: 10.793 min Scan# 2937
Delta R.T. 0.010 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

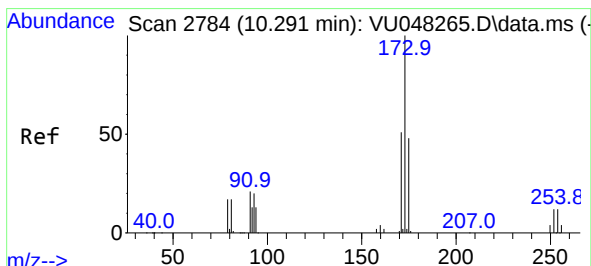
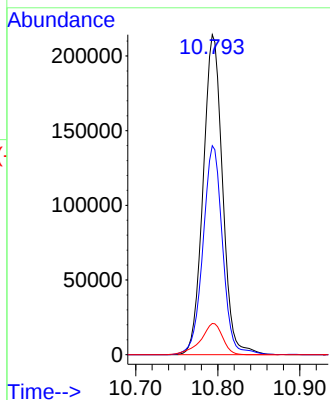
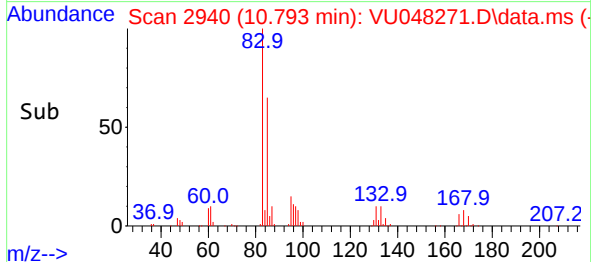
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



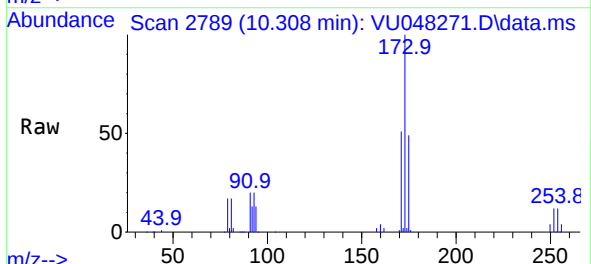
Tgt Ion: 83 Resp: 352040
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
131 9.7 7.8 11.6

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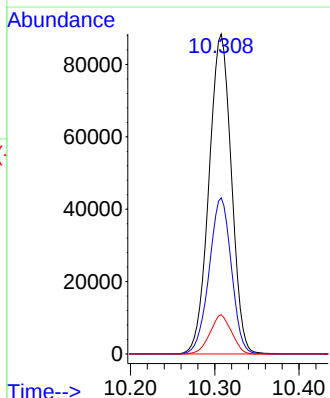
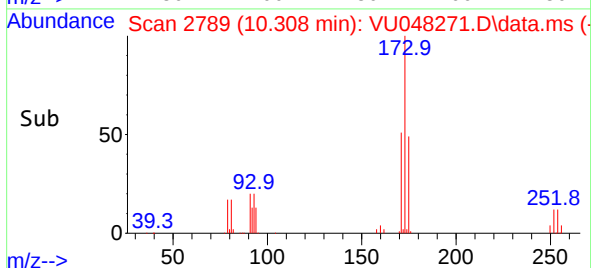
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

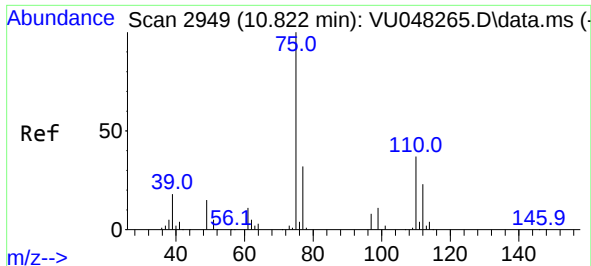


#59
Bromoform
Concen: 46.795 ug/L
RT: 10.308 min Scan# 2789
Delta R.T. 0.016 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



Tgt Ion:173 Resp: 163179
Ion Ratio Lower Upper
173 100
175 48.4 38.9 58.3
254 11.8 9.5 14.3





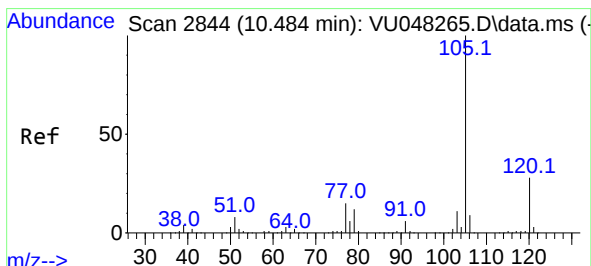
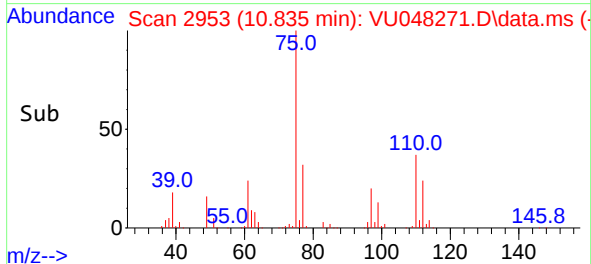
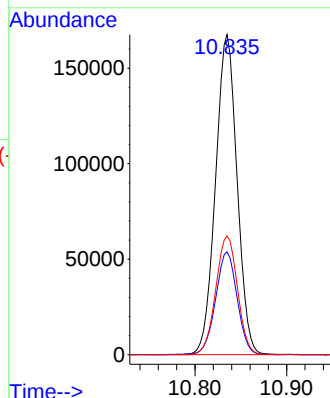
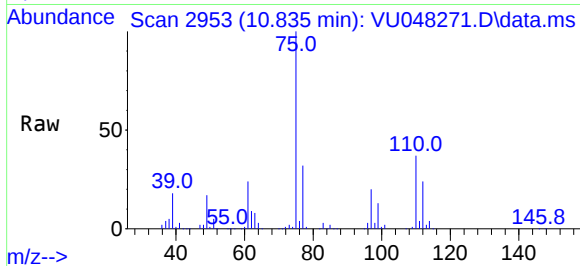
#60
1,2,3-Trichloropropane
Concen: 48.708 ug/L
RT: 10.835 min Scan# 2949
Delta R.T. 0.013 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD

Tgt Ion: 75 Resp: 273025
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 37.4 29.9 44.9

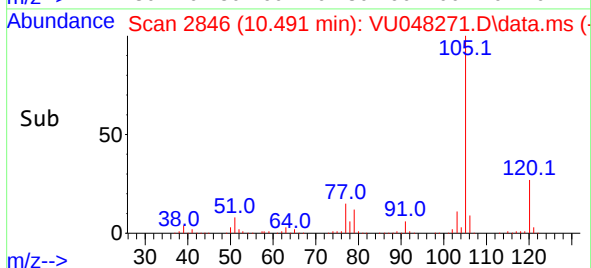
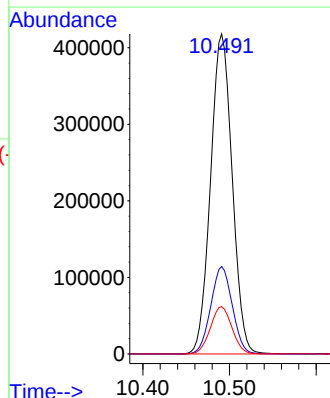
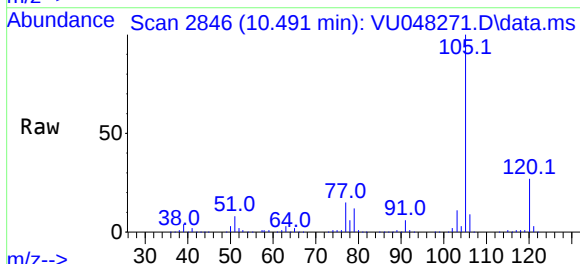
Manual Integrations
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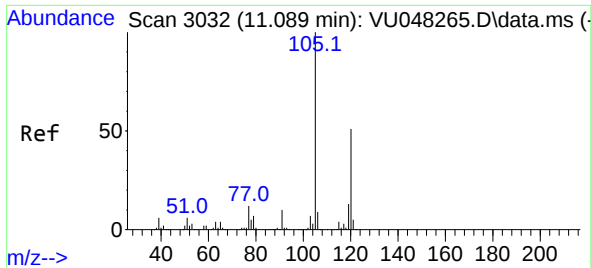
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#61
Isopropylbenzene
Concen: 53.977 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Tgt Ion:105 Resp: 725176
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 14.8 11.7 17.5





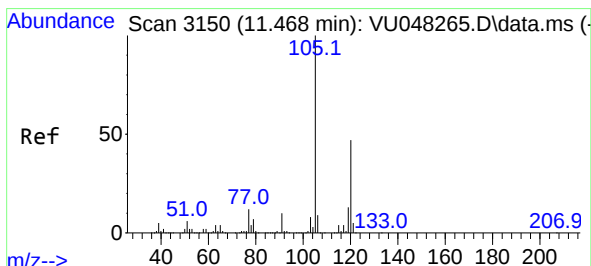
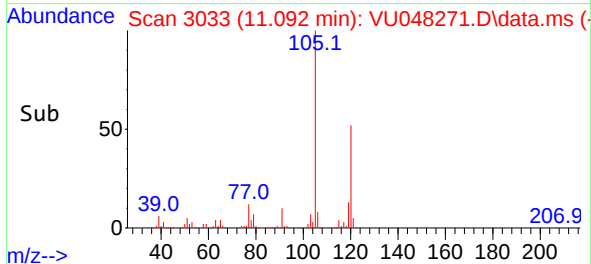
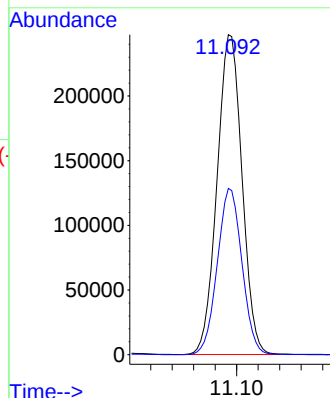
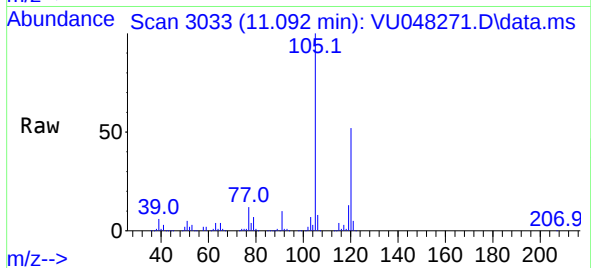
#62
1,3,5-Trimethylbenzene
Concen: 56.380 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD

Tgt Ion:105 Resp: 399223
Ion Ratio Lower Upper
105 100
120 51.3 40.7 61.1

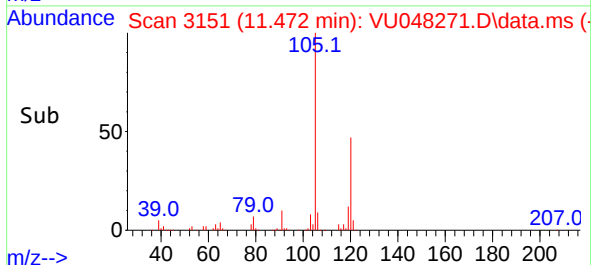
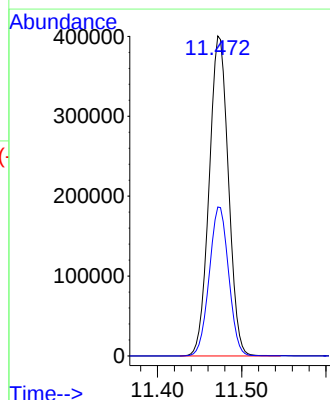
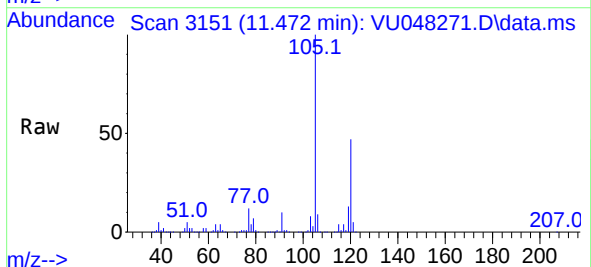
Manual Integrations
APPROVED

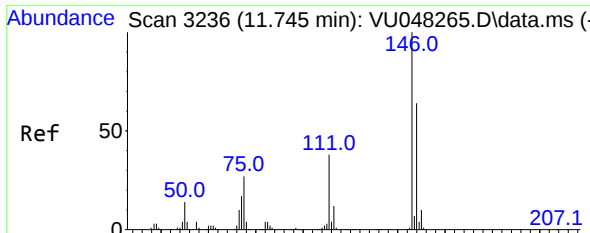
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#63
1,2,4-Trimethylbenzene
Concen: 58.324 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

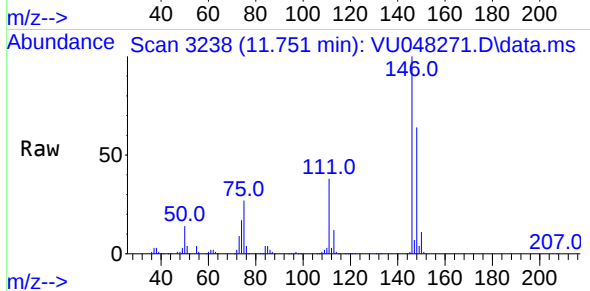
Tgt Ion:105 Resp: 634955
Ion Ratio Lower Upper
105 100
120 46.9 38.0 57.0





#64
1,3-Dichlorobenzene
Concen: 51.070 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

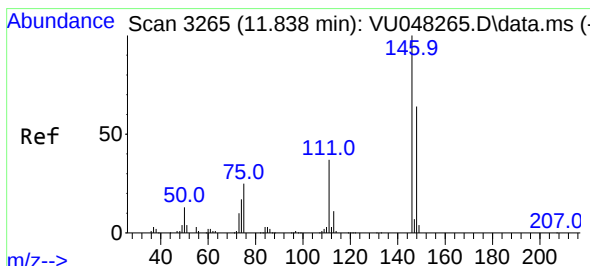
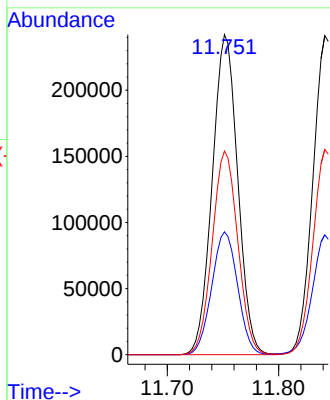
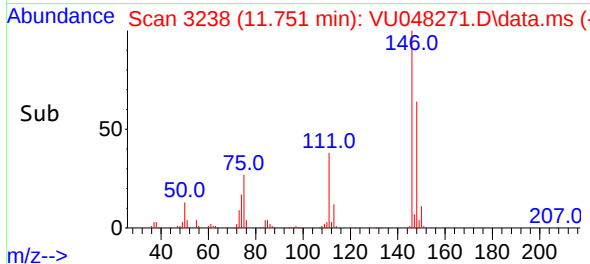
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



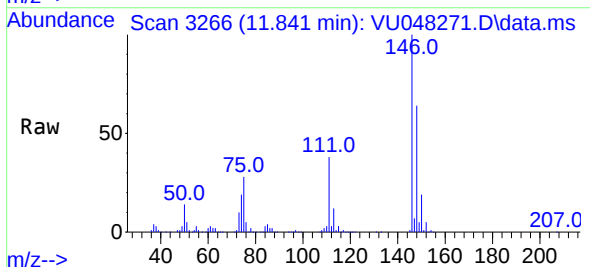
Tgt Ion:146 Resp: 38466
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 63.6 44.9 83.5

Manual Integrations
APPROVED

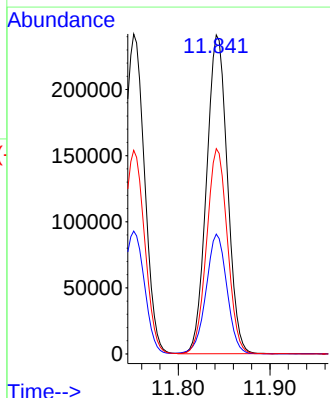
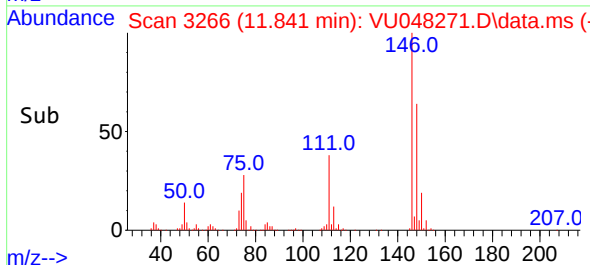
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

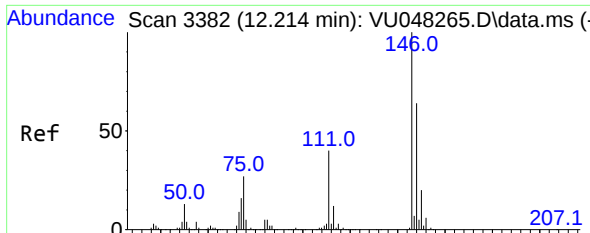


#65
1,4-Dichlorobenzene
Concen: 49.570 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



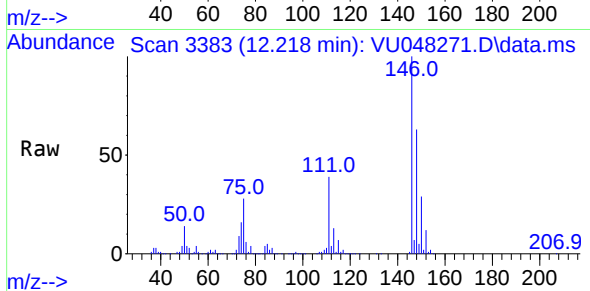
Tgt Ion:146 Resp: 381163
Ion Ratio Lower Upper
146 100
111 37.6 25.9 48.1
148 64.3 45.1 83.7





#67
1,2-Dichlorobenzene
Concen: 50.467 ug/L
RT: 12.218 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

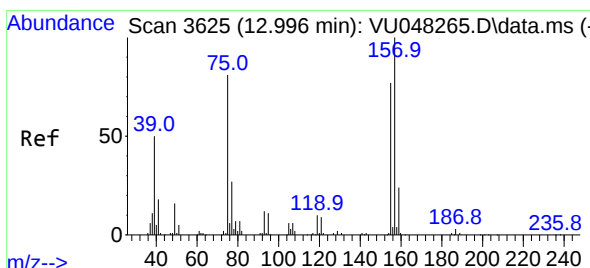
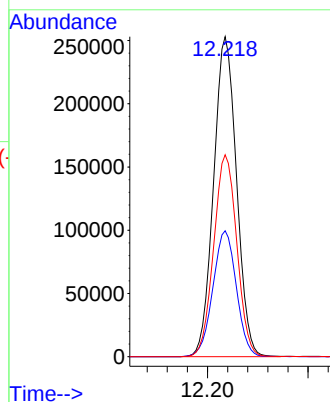
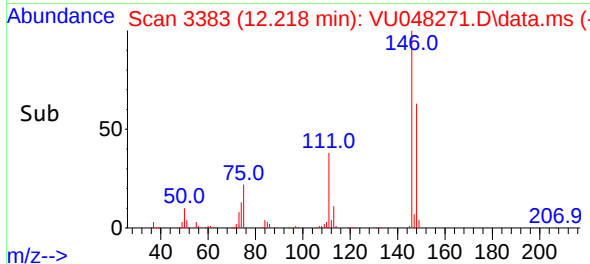
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



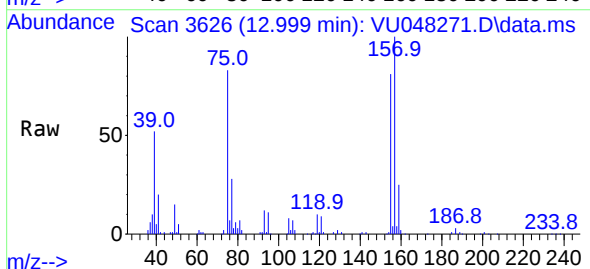
Tgt Ion:146 Resp: 400434
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 63.1 50.9 76.3

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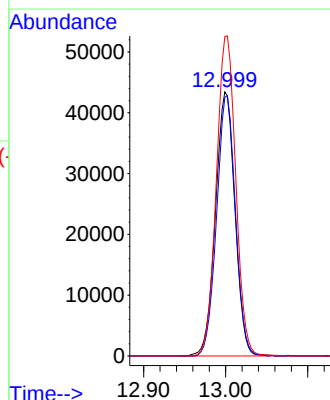
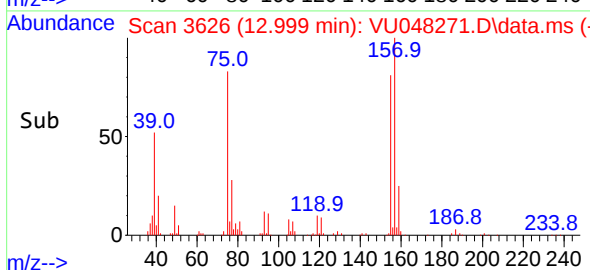
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

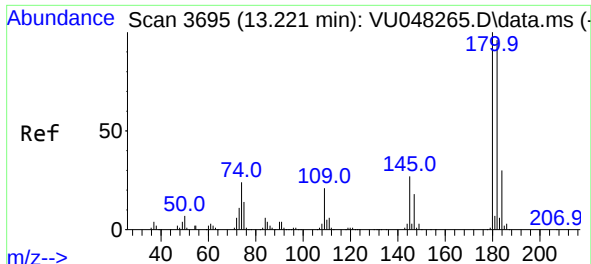


#68
1,2-Dibromo-3-chloropropane
Concen: 47.738 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



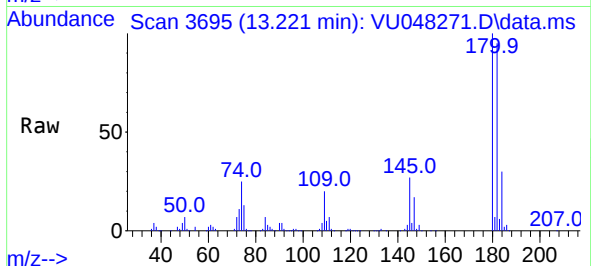
Tgt Ion: 75 Resp: 71435
Ion Ratio Lower Upper
75 100
155 98.0 71.8 107.6
157 121.0 93.4 140.2





#69
1,3,5-Trichlorobenzene
Concen: 53.828 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

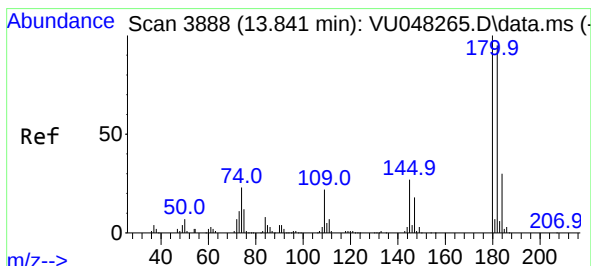
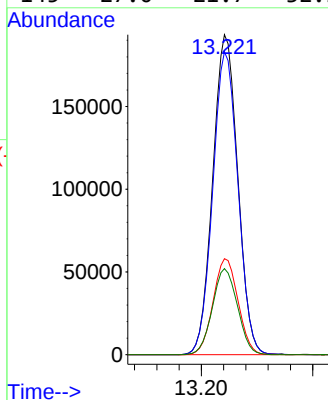
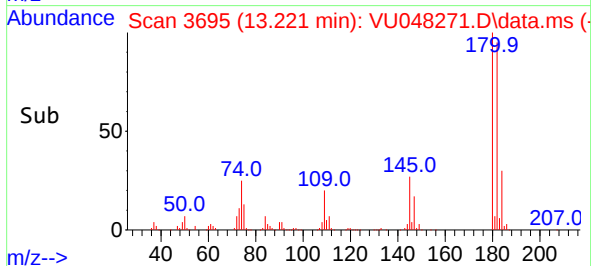
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



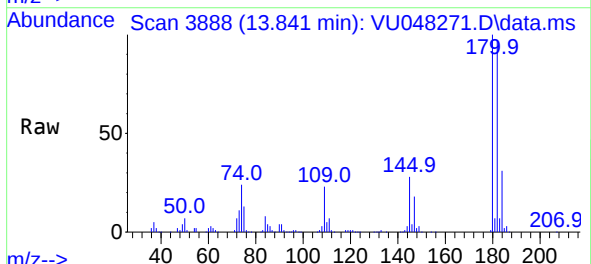
Tgt Ion:180 Resp: 301268
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.4
184 30.0 24.6 37.0
145 27.0 21.7 32.5

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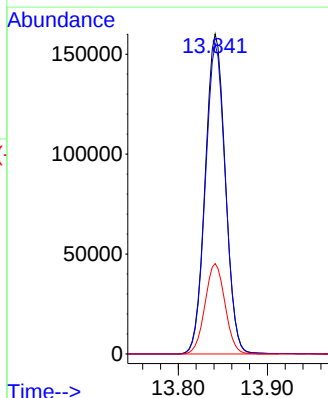
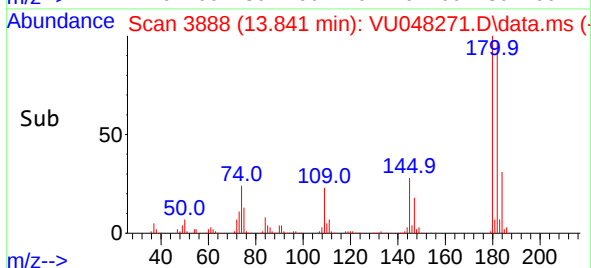
Reviewed By :Semsettin Yesilyurt 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

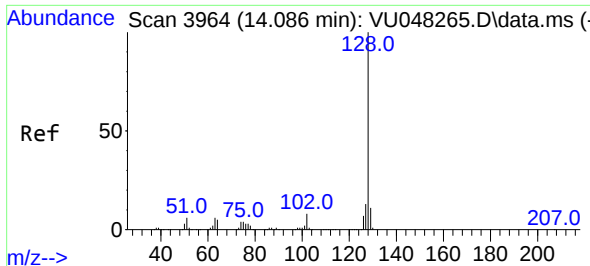


#70
1,2,4-trichlorobenzene
Concen: 56.731 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



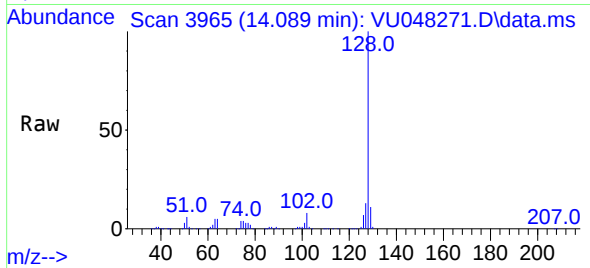
Tgt Ion:180 Resp: 250844
Ion Ratio Lower Upper
180 100
182 97.0 76.3 114.5
145 28.1 22.6 33.8





#71
Naphthalene
Concen: 61.555 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28

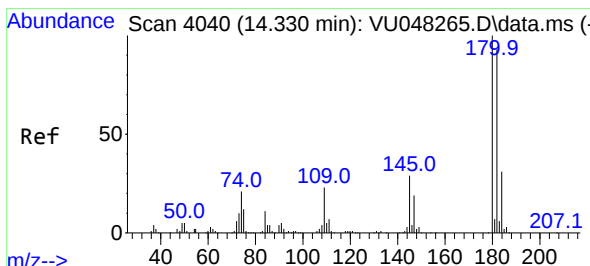
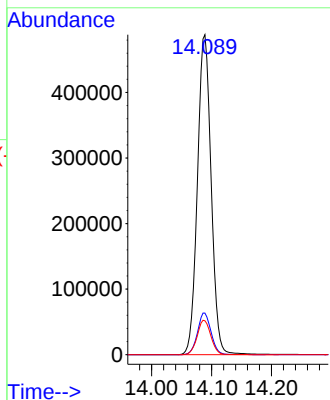
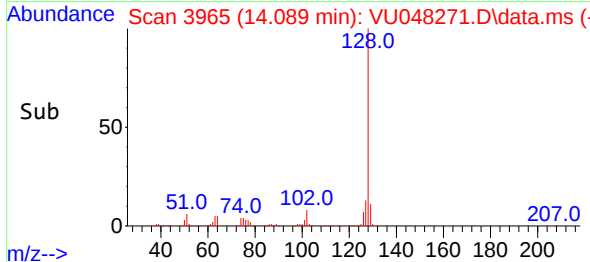
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMSD



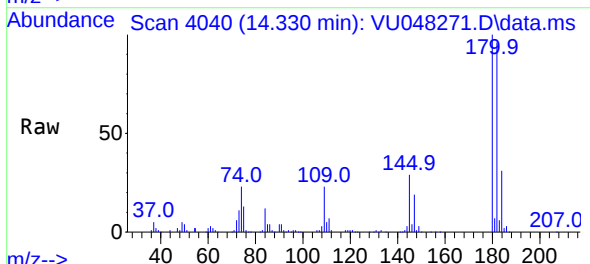
Tgt Ion:128 Resp: 778912
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#72
1,2,3-Trichlorobenzene
Concen: 57.260 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048271.D
Acq: 25 Apr 2022 16:28



Tgt Ion:180 Resp: 259473
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 29.6 23.5 35.3

