

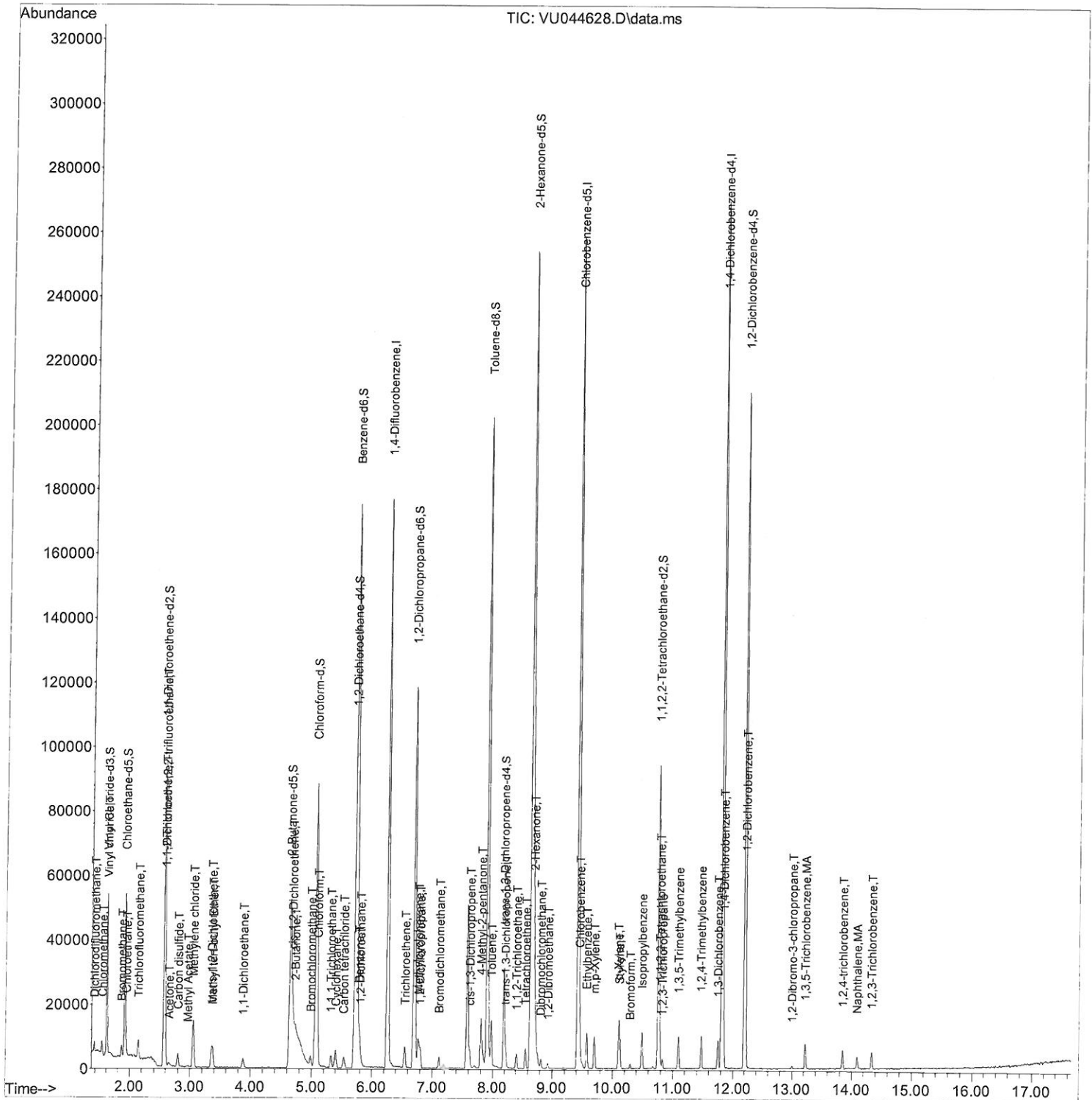
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
Data File : VU044628.D
Acq On : 14 Sep 2021 14:24
Operator : SY/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED

MMDadoda
9/15/2021 9:54:49 AM

Quant Time: Sep 15 01:43:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 15 01:41:41 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

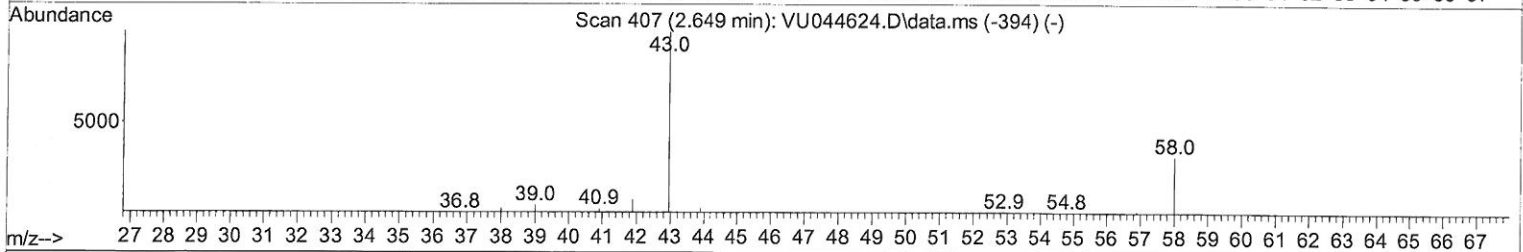
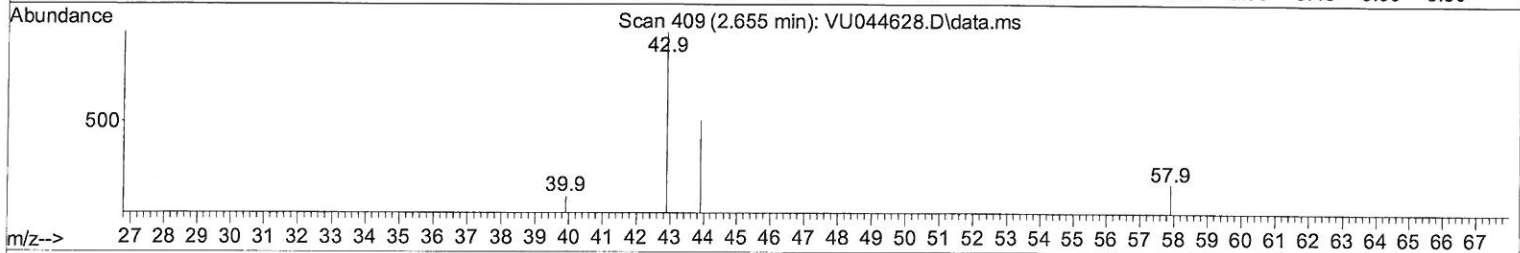
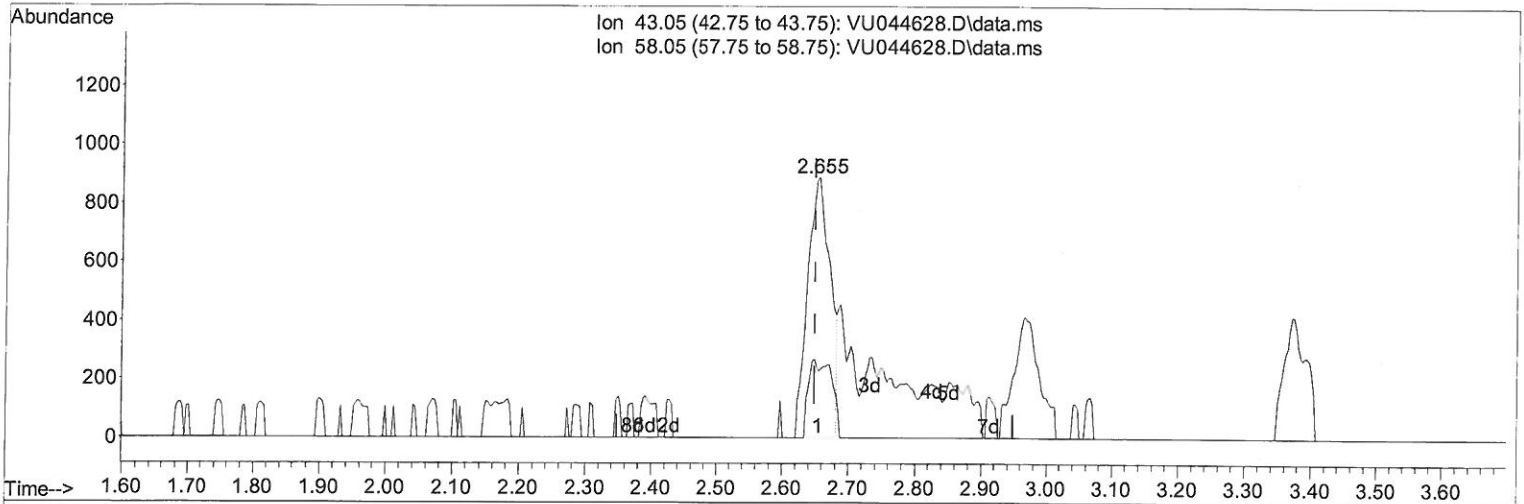
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TIC: VU044628.D\data.ms

(13) Acetone (T)

2.655min (+ 0.006) 0.95 ug/L

response 2097

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	14.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

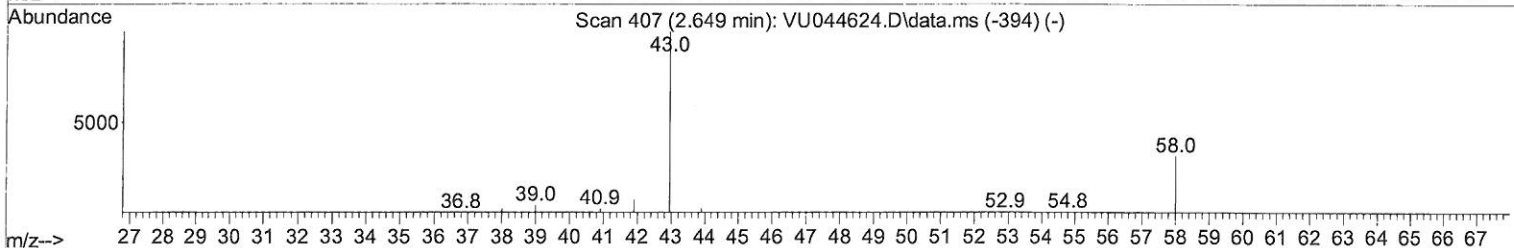
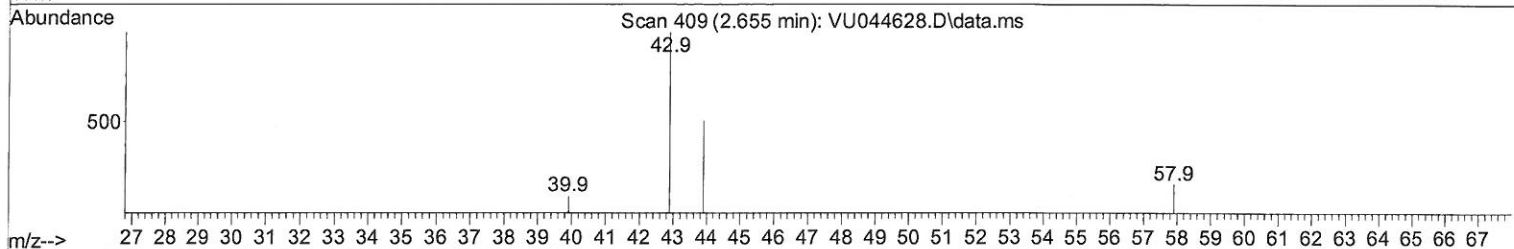
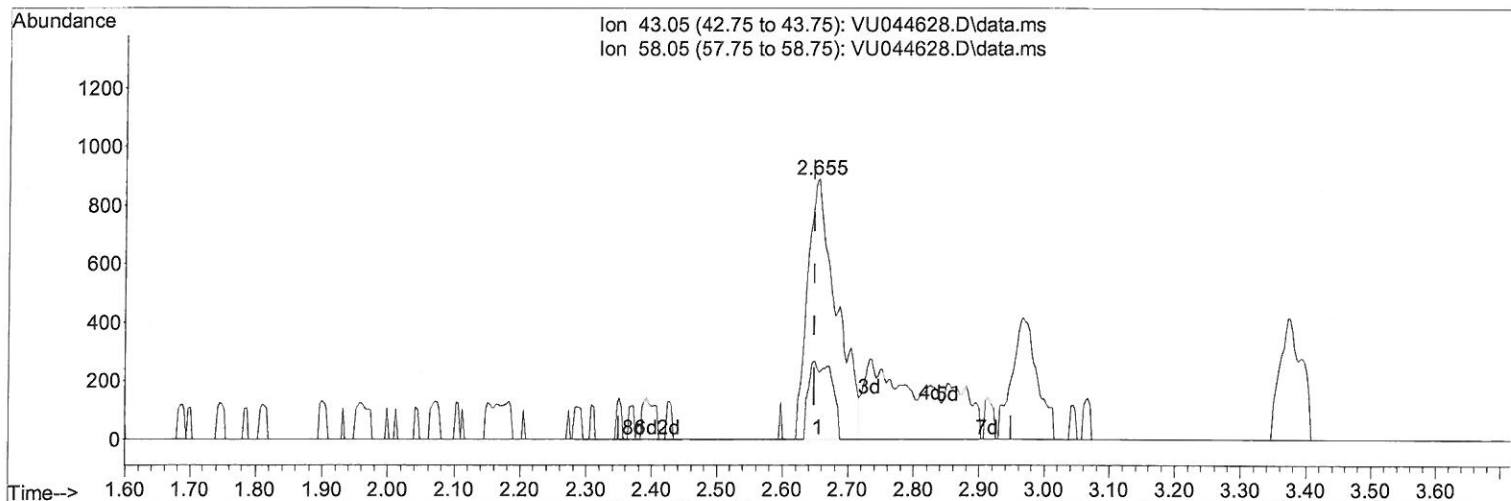
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(13) Acetone (T)

2.655min (+ 0.006) 1.24 ug/L m

response 2728

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	10.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

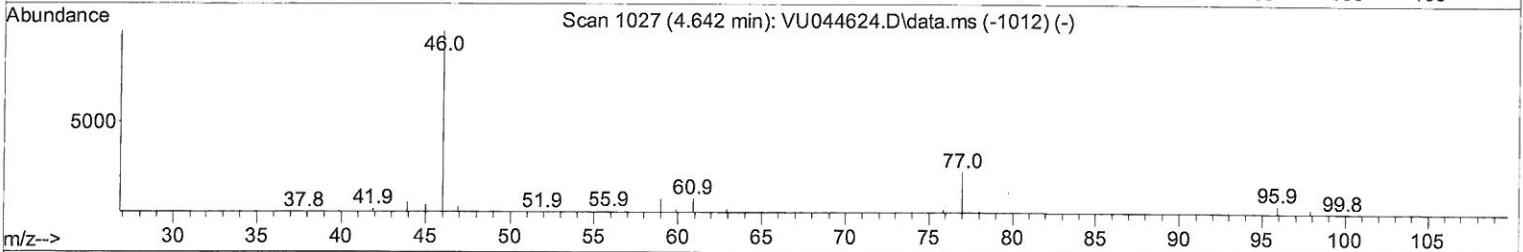
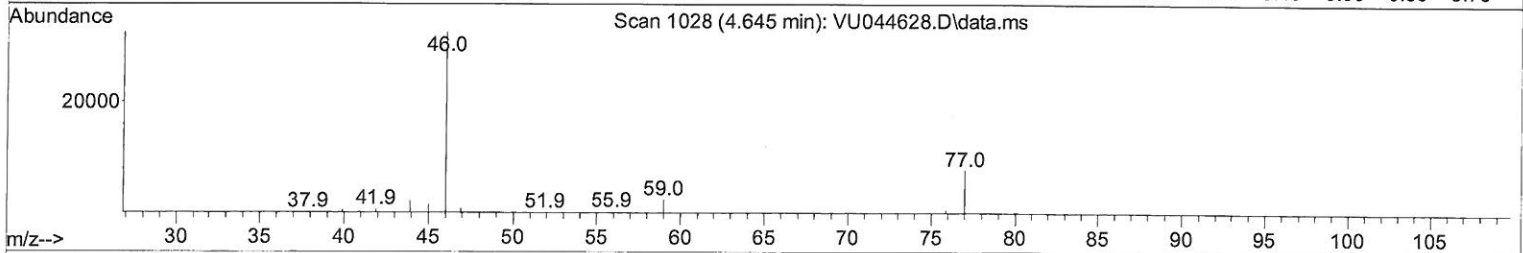
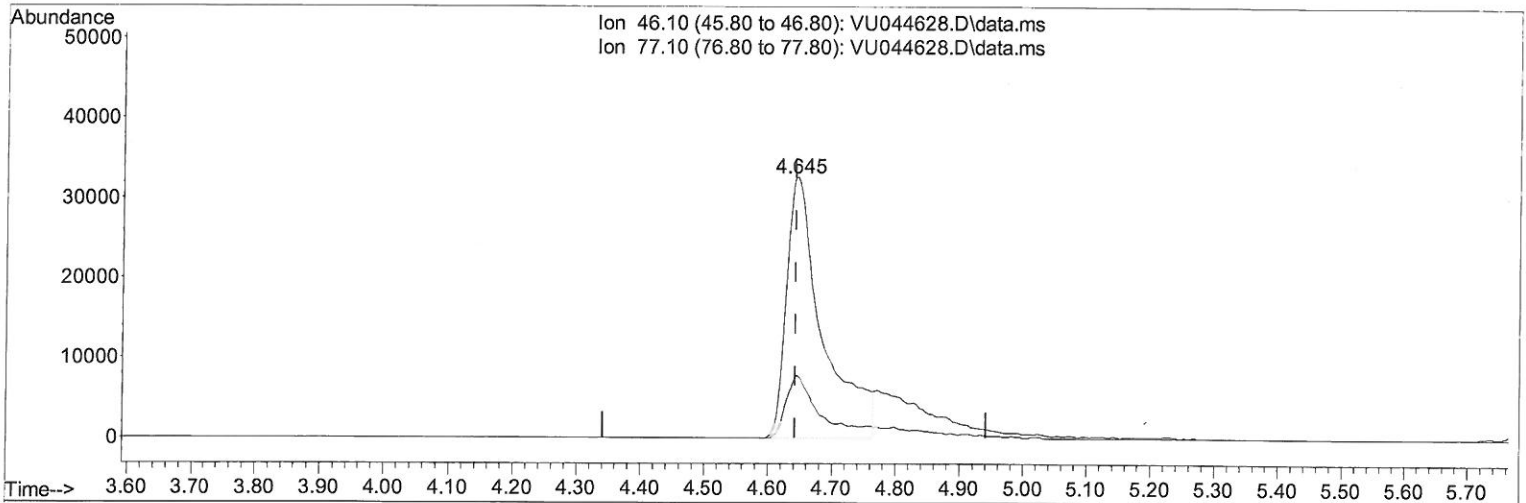
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(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 37.80 ug/L

response 127583

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	18.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

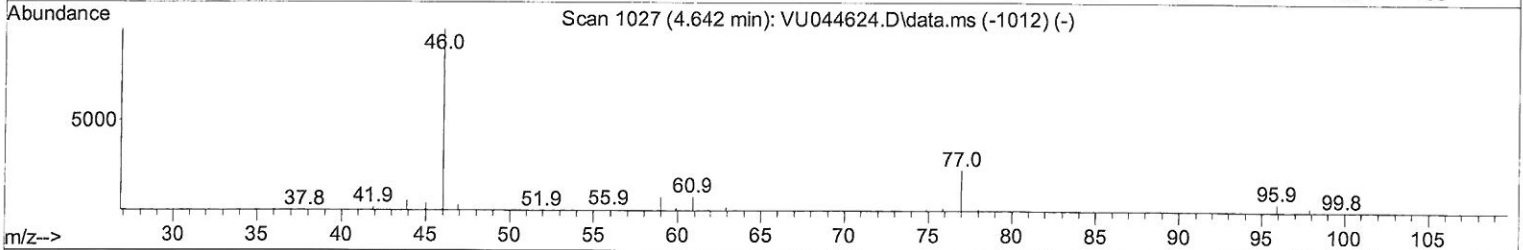
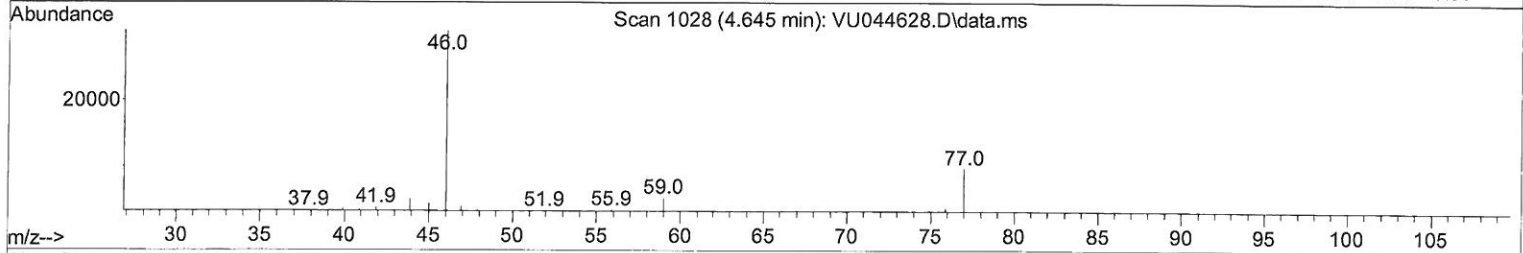
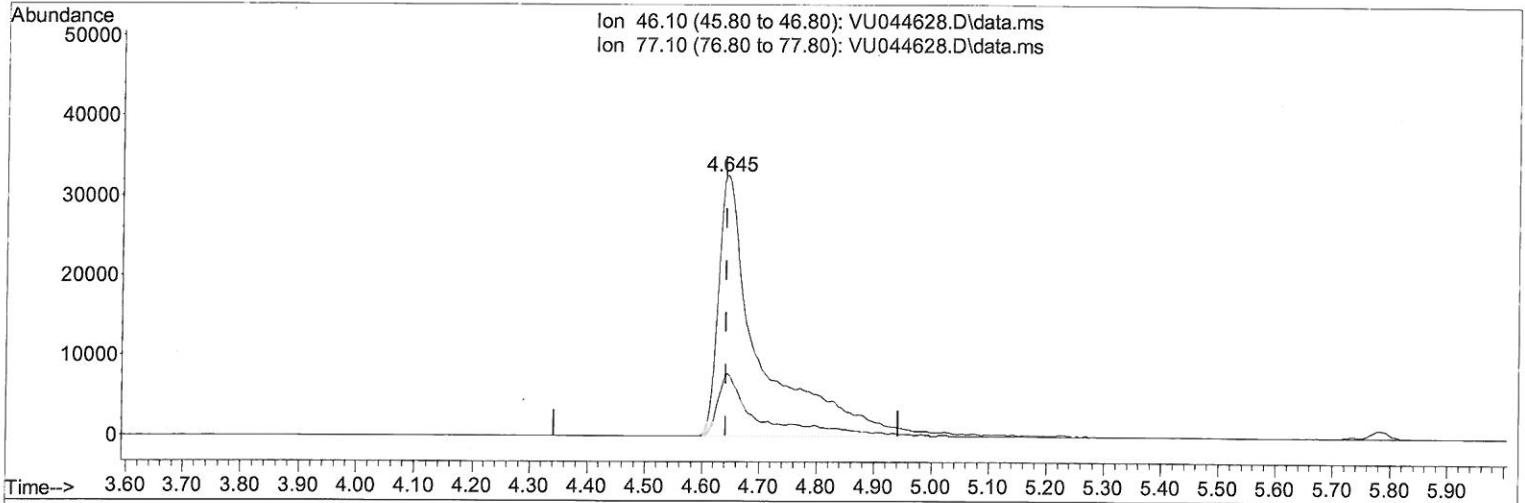
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TIC: VU044628.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 48.95 ug/L m

response 165202

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	14.42
0.00	0.00	0.00
0.00	0.00	0.00

MD
 09/21/21

Quantitation Report (Qedit)

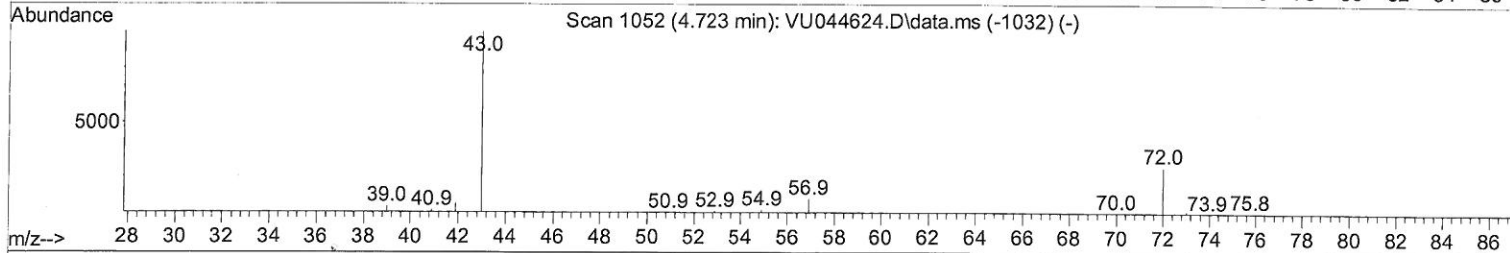
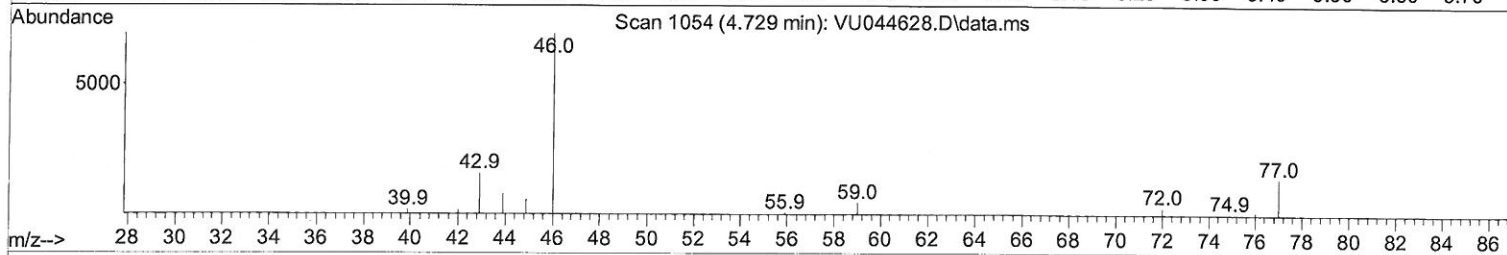
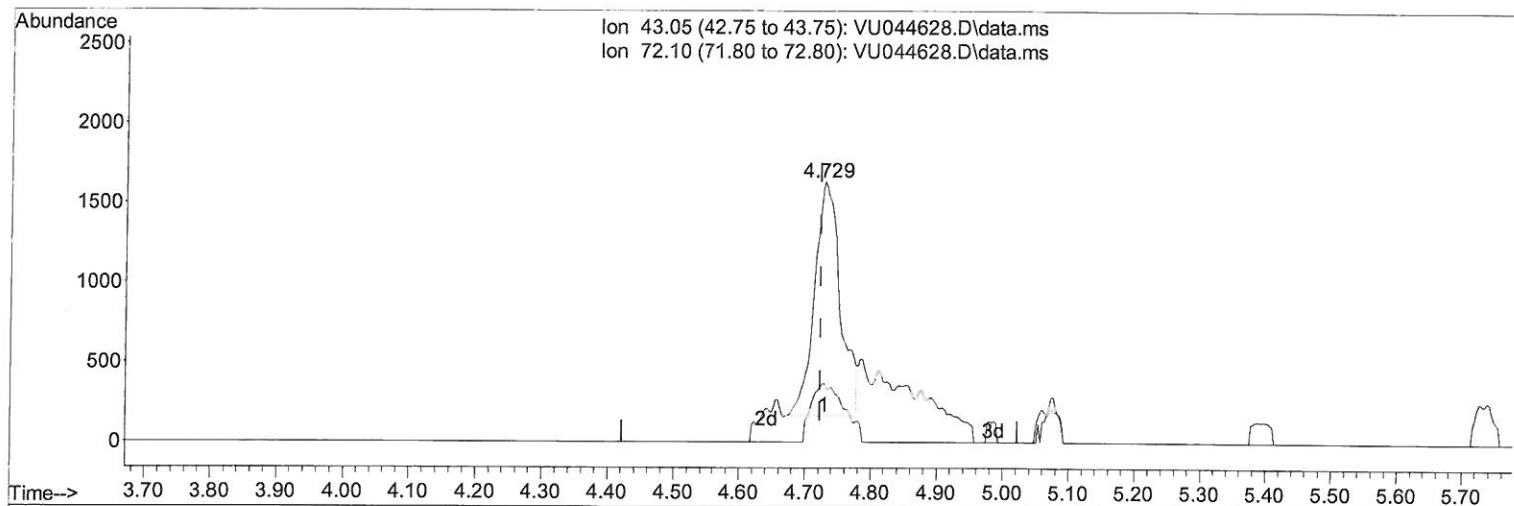
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Instrument :
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TIC: VU044628.D\data.ms

(21) 2-Butanone (T)

4.729min (+ 0.006) 1.09 ug/L

response 4007

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	31.54#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

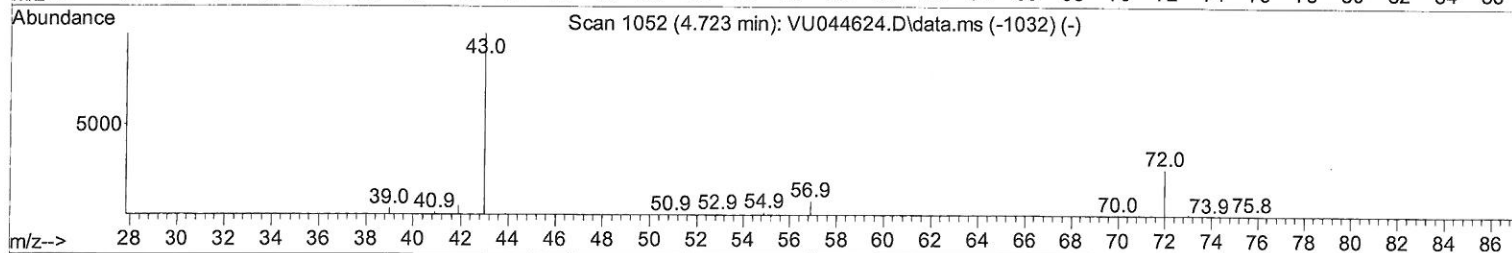
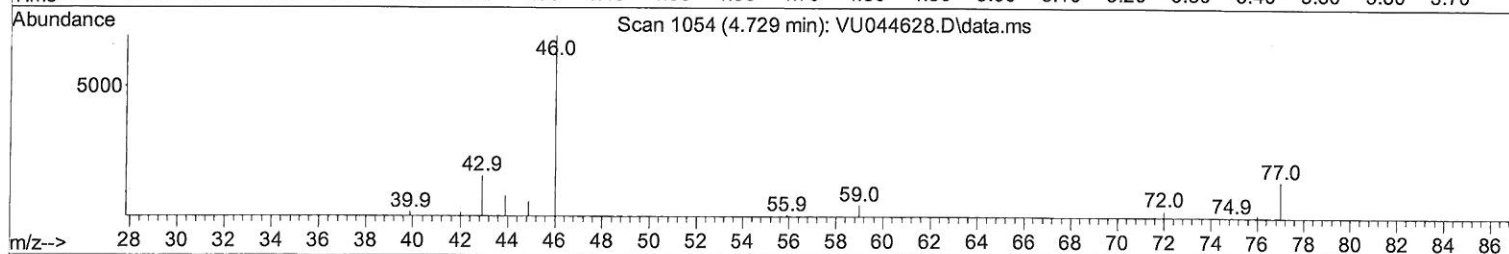
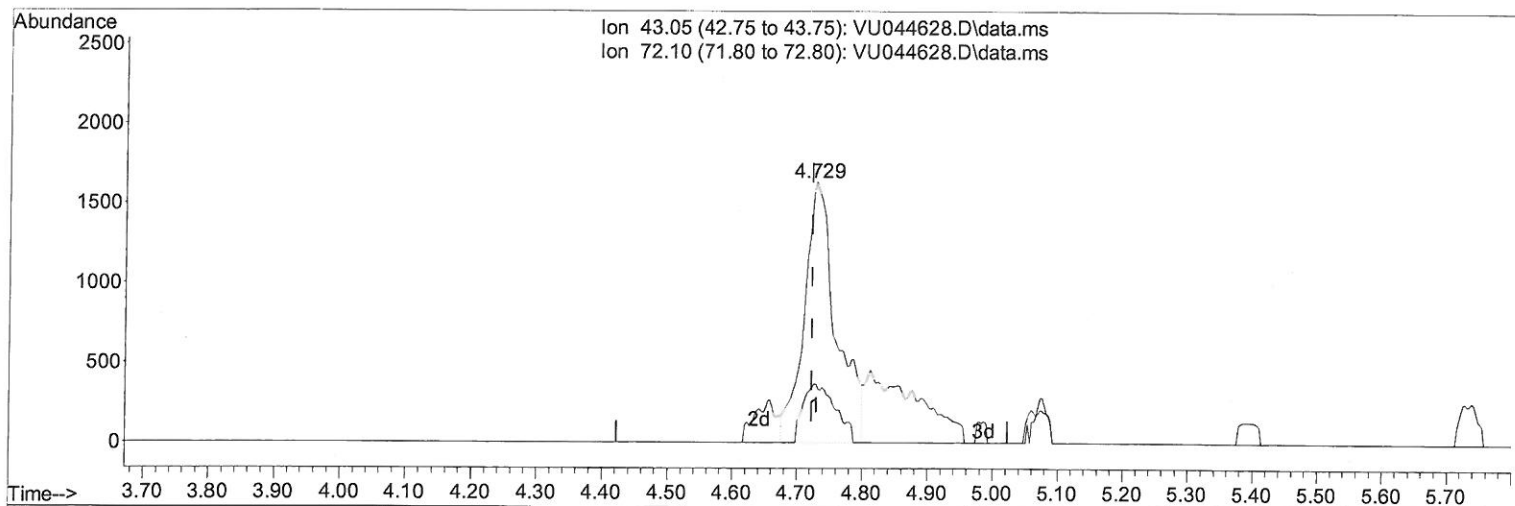
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Instrument :
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Manual Integrations
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TIC: VU044628.D\data.ms

(21) 2-Butanone (T)

4.729min (+ 0.006) 1.53 ug/L m

response 5618

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	22.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

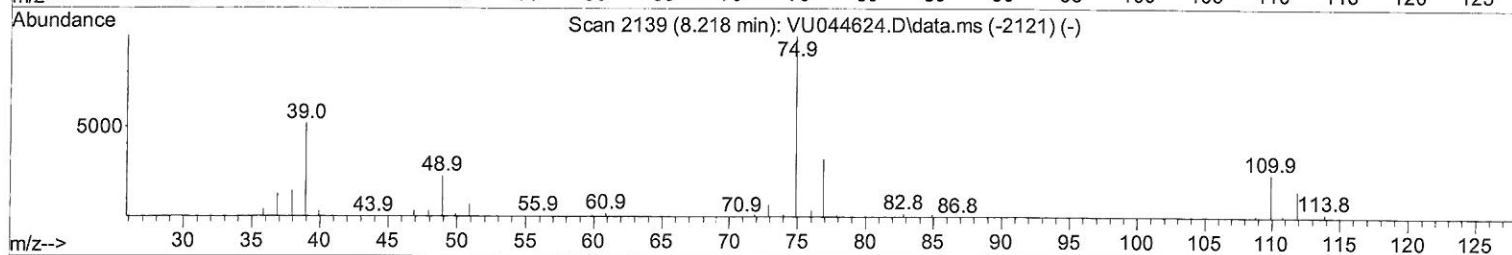
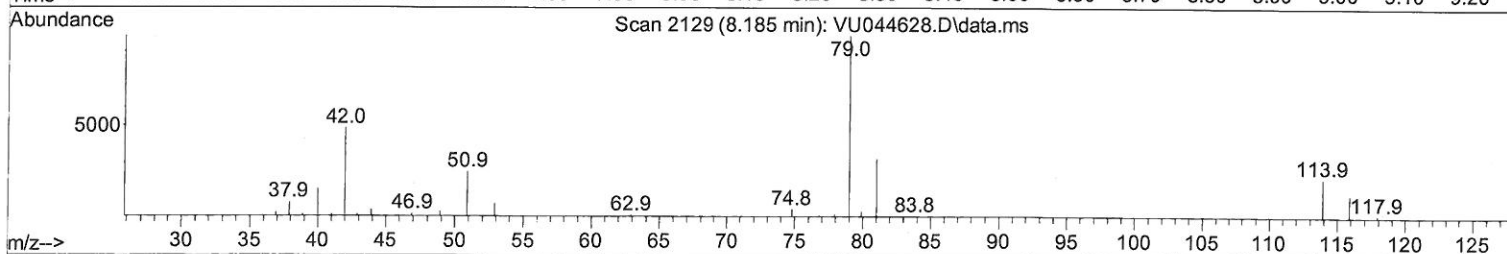
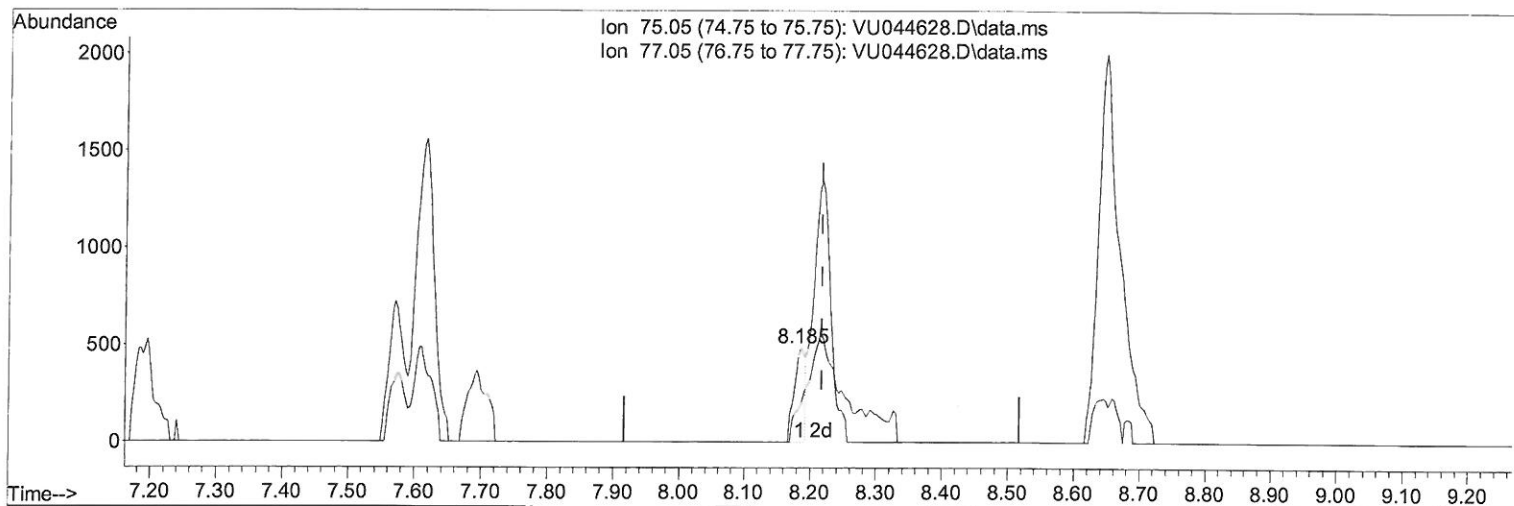
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TIC: VU044628.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.185min (-0.032) 0.04 ug/L

response 533

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	31.50	39.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

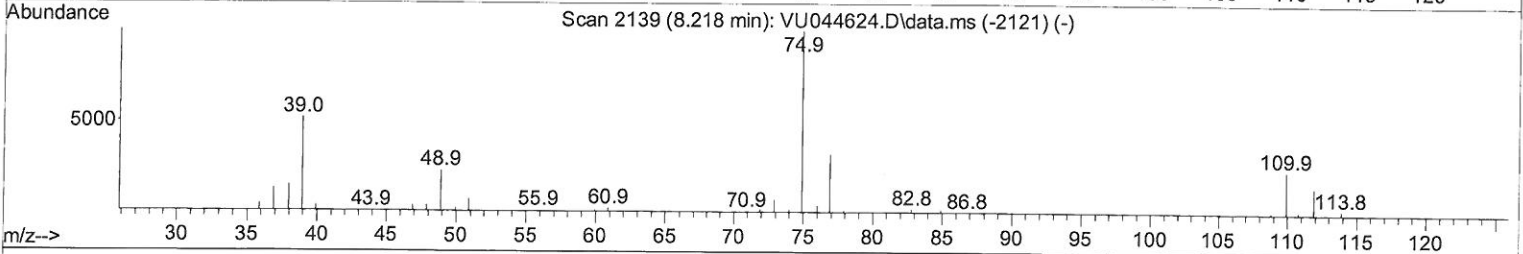
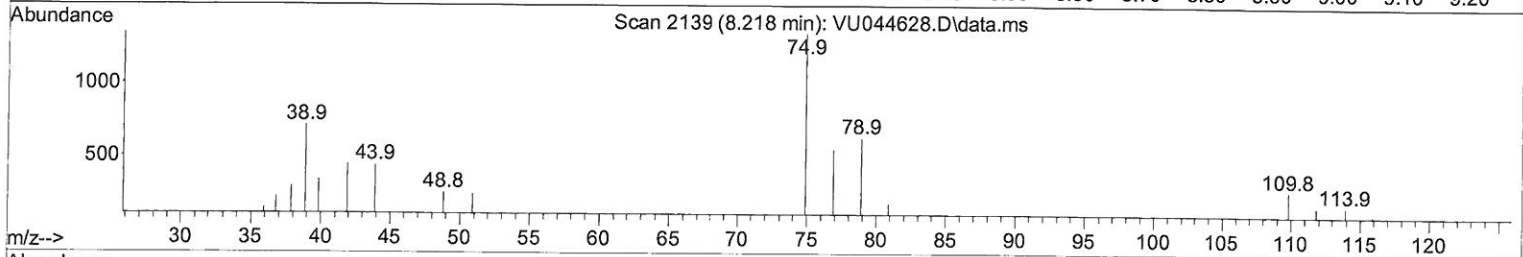
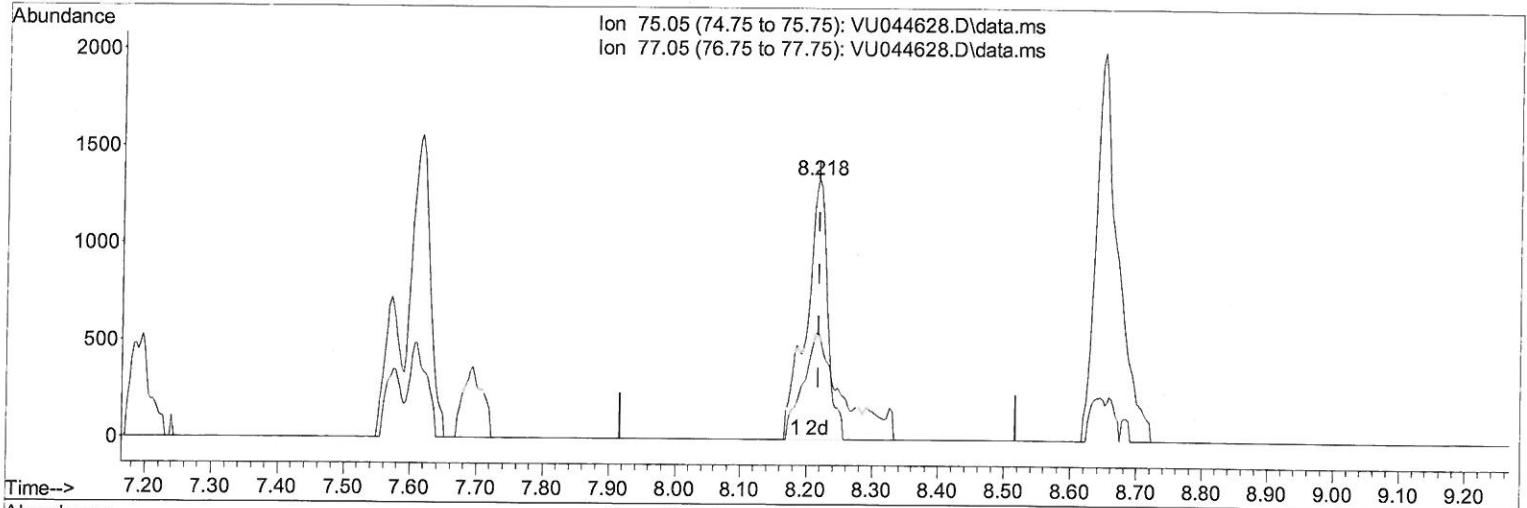
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Manual Integrations
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TIC: VU044628.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.218min (-0.000) 0.23 ug/L m

response 3015

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	31.50	41.06#
0.00	0.00	0.00
0.00	0.00	0.00

> MD
 09/21/21

Quantitation Report (Qedit)

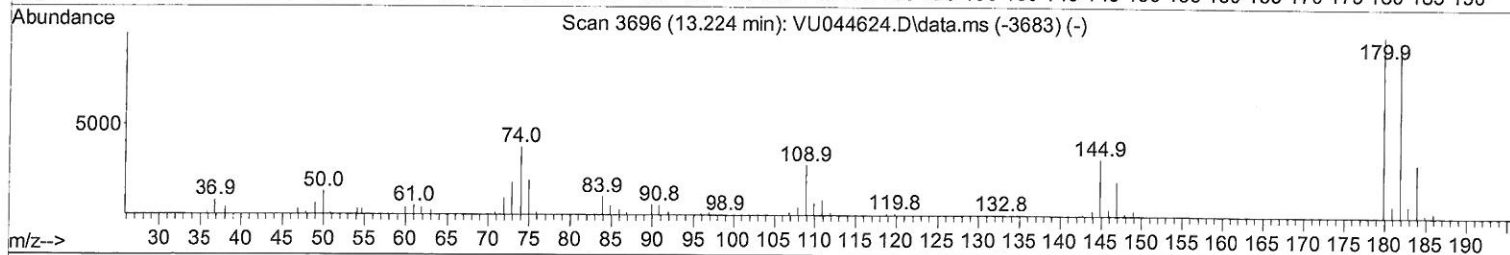
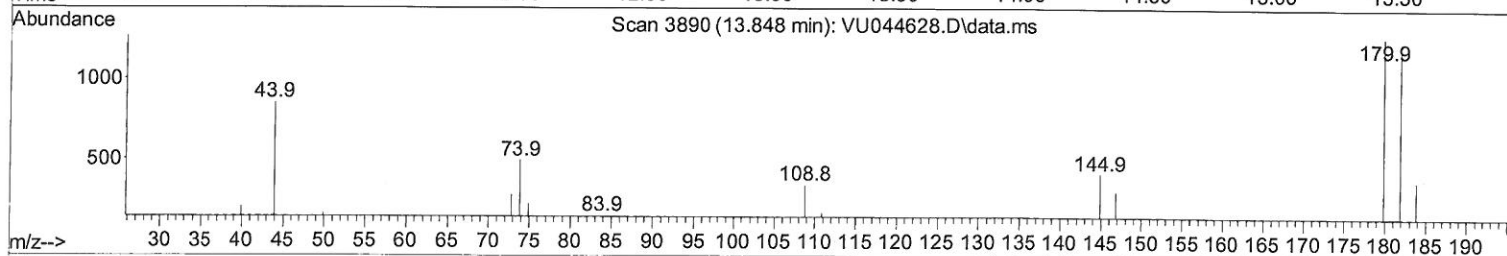
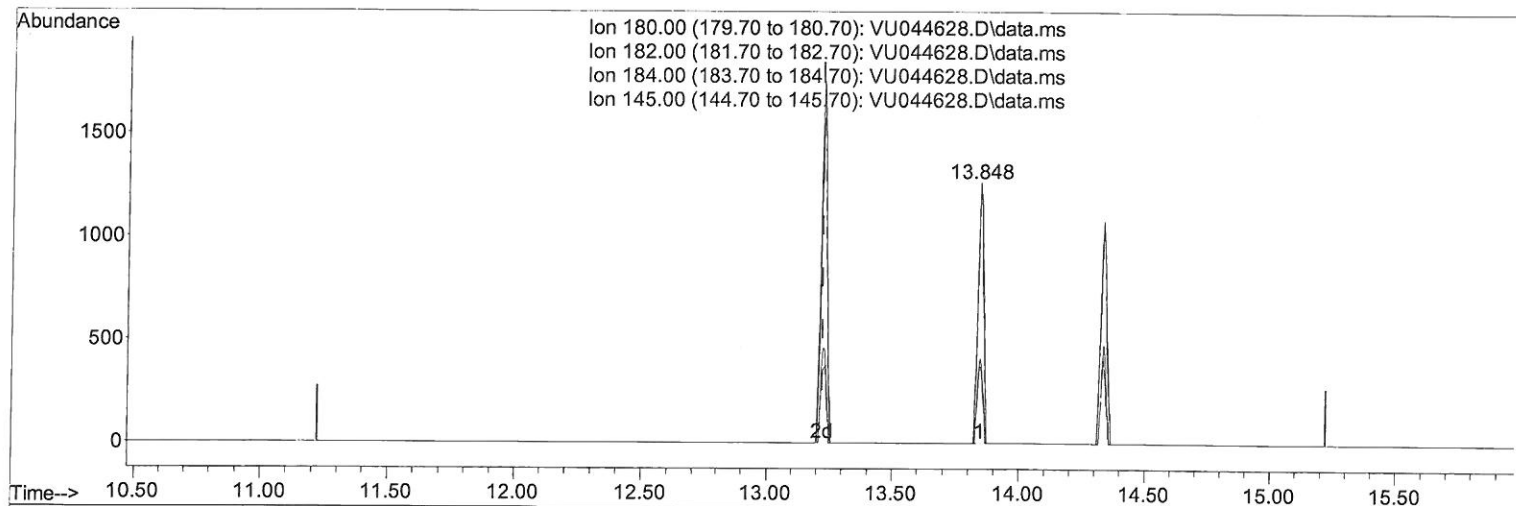
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TIC: VU044628.D\data.ms

(69) 1,3,5-Trichlorobenzene (MA)

13.848min (+ 0.624) 0.13 ug/L

response 1878

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	96.10	104.79
184.00	30.10	31.26
145.00	31.40	32.64

Quantitation Report (Qedit)

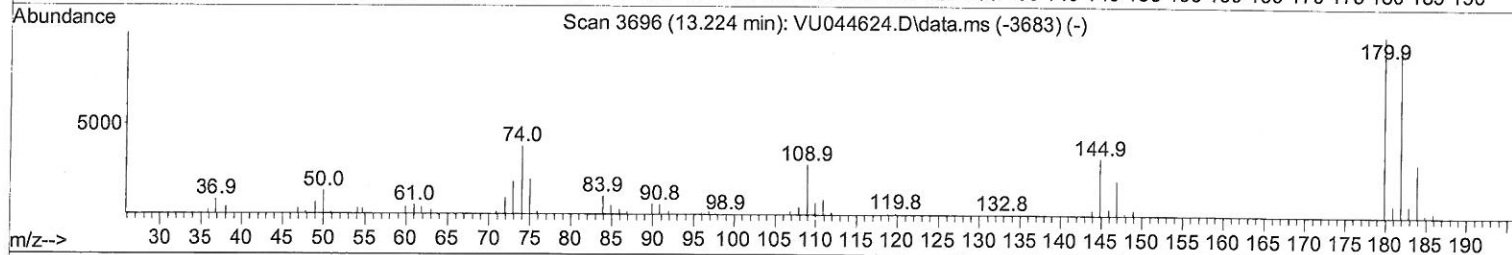
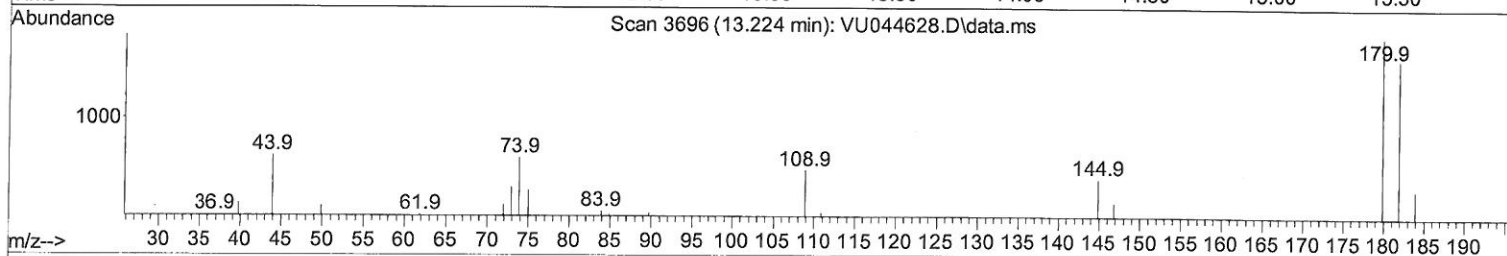
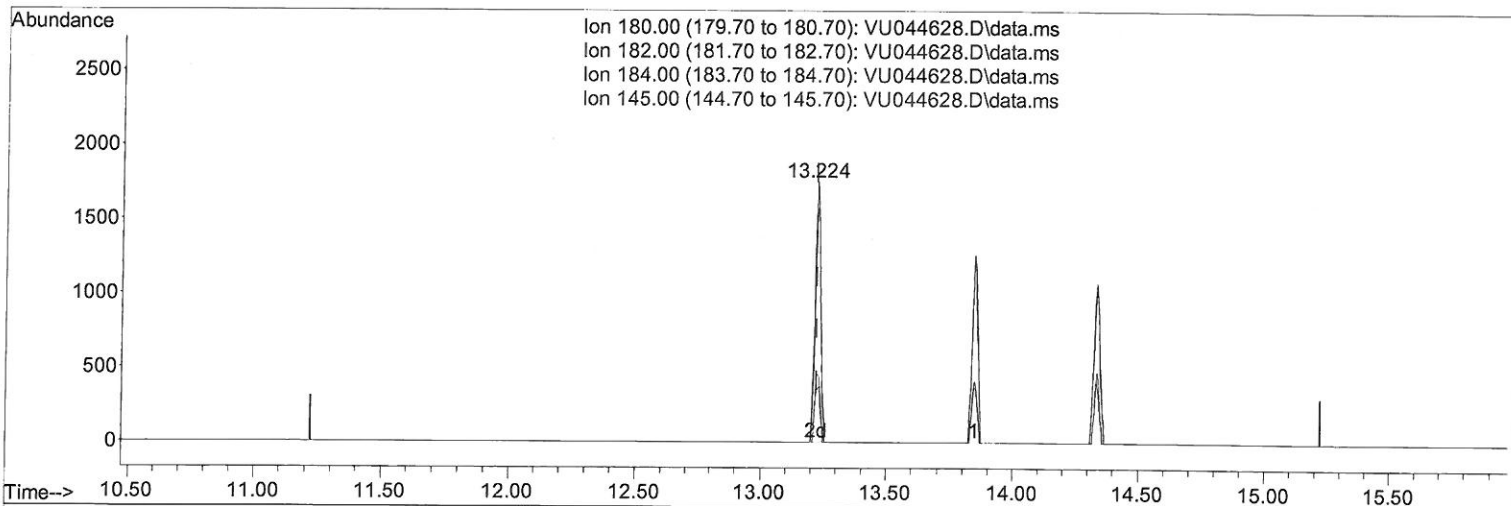
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TIC: VU044628.D\data.ms

(69) 1,3,5-Trichlorobenzene (MA)

13.224min (-0.000) 0.18 ug/L m

response 2729

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	96.10	72.11#
184.00	30.10	21.51#
145.00	31.40	22.46#

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	136447	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	138922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	66710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33549	4.167	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	83.400%		
7) Chloroethane-d5	1.919	69	36499	4.442	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	88.800%		
11) 1,1-Dichloroethene-d2	2.575	65	18139	4.461	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	89.200%		
20) 2-Butanone-d5	4.645	46	165202m	48.950	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.900%		
24) Chloroform-d	5.073	84	78792	4.653	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.000%		
26) 1,2-Dichloroethane-d4	5.713	65	48440	4.797	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.000%		
32) Benzene-d6	5.735	84	156627	4.422	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.400%		
36) 1,2-Dichloropropane-d6	6.697	67	54878	4.717	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.400%		
41) Toluene-d8	7.906	98	129592	4.202	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.000%		
43) trans-1,3-Dichloroprop...	8.185	79	17958	4.379	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	87.600%		
46) 2-Hexanone-d5	8.645	63	122754	46.577	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	93.160%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	47750	4.629	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.600%		
66) 1,2-Dichlorobenzene-d4	12.198	152	49205	4.470	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.400%		
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.388	85	1890	0.174	ug/L	99
3) Chloromethane	1.523	50	2624	0.201	ug/L	91
5) Vinyl chloride	1.607	62	2666	0.200	ug/L #	66
6) Bromomethane	1.861	94	1390	0.203	ug/L	92
8) Chloroethane	1.941	64	2102	0.247	ug/L	86
9) Trichlorofluoromethane	2.144	101	2990	0.199	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2209	0.240	ug/L	87
12) 1,1-Dichloroethene	2.588	96	2009	0.229	ug/L #	1
13) Acetone	2.655	43	2728m	1.241	ug/L	
14) Carbon disulfide	2.800	76	5068	0.183	ug/L	98
15) Methyl Acetate	2.967	43	1134	0.286	ug/L #	49
16) Methylene chloride	3.054	84	6589	0.473	ug/L	95
17) Methyl tert-butyl Ether	3.378	73	4679	0.193	ug/L #	91
18) trans-1,2-Dichloroethene	3.366	96	1760	0.189	ug/L	95
19) 1,1-Dichloroethane	3.877	63	3619	0.192	ug/L	98
21) 2-Butanone	4.729	43	5618m	1.531	ug/L	
22) cis-1,2-Dichloroethene	4.684	96	1937	0.189	ug/L	86
23) Bromochloromethane	4.986	128	754	0.173	ug/L #	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044628.D
 Acq On : 14 Sep 2021 14:24
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 9:54:49 AM

Quant Time: Sep 15 01:43:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	8786	0.438	ug/L	90
27) 1,2-Dichloroethane	5.806	62	2485	0.189	ug/L #	87
29) 1,1,1-Trichloroethane	5.321	97	2783	0.184	ug/L	94
30) Cyclohexane	5.401	56	2776	0.160	ug/L	89
31) Carbon tetrachloride	5.530	117	2140	0.181	ug/L	99
33) Benzene	5.784	78	7811	0.189	ug/L	100
34) Trichloroethene	6.552	95	1899	0.186	ug/L	91
35) Methylcyclohexane	6.767	83	3285	0.196	ug/L	87
37) 1,2-Dichloropropane	6.800	63	2227	0.202	ug/L #	88
38) Bromodichloromethane	7.115	83	2449	0.183	ug/L #	94
39) cis-1,3-Dichloropropene	7.616	75	2863	0.183	ug/L	86
40) 4-Methyl-2-pentanone	7.803	43	14941	1.737	ug/L #	89
42) Toluene	7.976	91	9648	0.224	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	3015m	0.226	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	1516	0.193	ug/L	96
47) Tetrachloroethene	8.558	164	1378	0.194	ug/L	91
48) 2-Hexanone	8.697	43	18313	2.861	ug/L #	94
49) Dibromochloromethane	8.812	129	1323	0.160	ug/L	89
50) 1,2-Dibromoethane	8.931	107	1332	0.180	ug/L #	96
51) Chlorobenzene	9.452	112	4956	0.186	ug/L	96
52) Ethylbenzene	9.574	91	8275	0.177	ug/L	98
53) m,p-Xylene	9.697	106	3052	0.172	ug/L	84
54) o-Xylene	10.105	106	2747	0.162	ug/L	91
55) Styrene	10.121	104	4526	0.153	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	2224	0.211	ug/L	87
59) Bromoform	10.295	173	686	0.165	ug/L #	84
60) Isopropylbenzene	10.491	105	7261	0.174	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	1461	0.198	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	5738	0.165	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	5930	0.166	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	3787	0.195	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	4020	0.200	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	3705	0.200	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	191	0.118	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.224	180	2729m	0.184	ug/L	91
70) 1,2,4-trichlorobenzene	13.848	180	1878	0.150	ug/L	91
71) Naphthalene	14.092	128	3622	0.149	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.336	180	1806	0.157	ug/L	99

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 09/21/21

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 09/20/21

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